



High School Course Catalog

This course description booklet will provide an overview of specific course content which includes a wide variety of courses offered on the home campus and at the career centers.

The El Paso Independent School District does not discriminate in its educational programs or employment practices on the basis of race, color, age, sex, religion, national origin, marital status, citizenship, military status, disability, genetic information, gender stereotyping and perceived sexuality, or on any other basis prohibited by law. Inquiries concerning the application of Titles VI, VII, IX, and Section 504 may be referred to the District compliance officer, Patricia Cortez, at 230-2033; Section 504 inquiries regarding students may be referred to Cecilia Whiteman at 230-2836.

El Distrito Escolar Independiente de El Paso no discrimina en los programas de educación o en prácticas de empleo usando el criterio de raza, color, edad, sexo, religión, origen nacional, estado civil, ciudadanía, estado militar, discapacidad, información genética, estereotipo sexual o sexualidad percibida, u otra práctica prohibida por la ley. Preguntas acerca de la aplicación del título VI, VII o IX, y la Sección 504 pueden ser referidas al oficial del distrito, Patricia Cortez al 230-2033; preguntas sobre 504 tocante a estudiantes pueden ser referidas a Cecilia Whiteman al 230-2836.

High School Course Descriptions Catalog

Introduction

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District Leadership and the Division of Curriculum and Instruction and Assessment support the EPISD Vision Statement by ensuring that every student graduates from high school with the most rigorous education to enable them to be productive and contributing members of their community. Thus, the *High School Course Descriptions* is designed to provide District personnel with the latest information on course listings that meet district and state guidelines and graduation requirements.

It is the District's expectation that all individuals responsible for supporting students be fully aware of the academic path students will need in order to meet the Board Immediate and Long Term goals. The information in the *High School Course Descriptions* serves as a guide for district individuals (administrators, counselors, master schedule designers, teachers, and others) responsible for providing a program of instruction which meets state and district guidelines.

District personnel are encouraged to refer to this *High School Course Descriptions* as an initial step in reviewing policies and requirements related to curriculum and graduation. Course numbers and titles are to be used at the campus level as printed in this catalog in order to meet the standards required by the Texas Essential Knowledge and Skills requirements.

The Guidance Services Department continues to provide a valuable service to the District by editing and coordinating course listings. For questions not answered in this edition of the catalog, please contact the appropriate individuals in the specific department in question. All suggested changes, deletions, or corrections should be addressed to the Director of Guidance Services.

Additional information will be incorporated as federal, state, and district mandates dictate. Campuses are encouraged to maintain at least one hard copy of the *High School Course Descriptions Catalog* as a reference for administration and counselors to facilitate the scheduling process for students.

Manuel Castruita

Director Guidance Services Department

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High School Course Catalog
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EPISD Academic Achievement Class Ranking

WEIGHTED GRADE SYSTEM				
TIER RANKING AND GRADE CONVERSION CHART				
LETTER GRADE	NUMERICAL GRADE	ADV COURSE (IB/AP/DC) GPA	ADV COURSE (GT/IS/IBP/PAP) GPA	REGULAR COURSE GPA
		Tier 1	Tier 2	Tier 3
	100	5.00	4.50	4.00
A+	99	4.95	4.45	3.95
	98	4.90	4.40	3.90
	97	4.85	4.35	3.85
	96	4.80	4.30	3.80
A	95	4.75	4.25	3.75
	94	4.70	4.20	3.70
	93	4.65	4.15	3.65
	92	4.60	4.10	3.60
A-	91	4.55	4.05	3.55
	90	4.50	4.00	3.50
	89	4.45	3.95	3.45
B+	88	4.40	3.90	3.40
	87	4.35	3.85	3.35
	86	4.30	3.80	3.30
B	85	4.25	3.75	3.25
	84	4.20	3.70	3.20
	83	4.15	3.65	3.15
B-	82	4.10	3.60	3.10
	81	4.05	3.55	3.05
	80	4.00	3.50	3.00
C+	79	3.90	3.40	2.90
	78	3.80	3.30	2.80
C	77	3.70	3.20	2.70
	76	3.60	3.10	2.60
C-	75	3.50	3.00	2.50
D+	74	3.40	2.90	2.40
	73	3.30	2.80	2.30
D	72	3.20	2.70	2.20
	71	3.10	2.60	2.10
D-	70	3.00	2.50	2.00
F	69	0.00	0.00	0.00

How are grades converted to a weighted GPA?

The difficulty, or rigor of a course determines its weight. General education courses are Tier 3 courses. More difficult courses, such as PAP, are Tier 2 courses and carry a higher weight. The most rigorous courses, such as AP and DC, are Tier 1 courses and carry the highest weight.

Let's look at three students. Remember, the rigor of the course is shown through the course code and tier:

Student Course/Course Code	Grade	Grade Conversion	Weighted GPA
Student A US Hist/HS3000Y1 Chemistry AP/HC45GPY1 Eng 3/HE3000Y1 Span 4 AP/ HF440PY1	83 78 98 83	3.15 Tier 3 3.8 Tier 1 3.9 Tier 3 4.15 Tier 1	3.15 3.8 3.9 4.15 $15/4 = 3.75$ GPA
Student B US Hist/HS3000Y1 Chem PAP/HC20GQY1 Eng 3/HE3000Y1 Span 2 SL/ HF2210Y1	83 78 98 83	3.15 Tier 3 3.3 Tier 2 3.9 Tier 3 3.15 Tier 3	3.15 3.3 3.9 3.15 $13.5/4 = 3.375$ GPA
Student C US Hist/HS3000Y1 Chemistry HC2000Y1 Eng 3/HE3000VY1 Span 2 SL/ HF2210Y1	83 78 88 83	3.15 Tier 3 2.8 Tier 3 3.4 Tier 3 3.15 Tier 3	3.15 2.8 3.4 3.15 $12.5/4 = 3.125$ GPA

Frequently Asked Questions

- 1. What is GPA?** GPA is a student's Grade Point Average. It is used to determine class rank. A student's GPA does not appear on his/her report card. GPA is only used to calculate class rank and appears on the student's transcript.
- 2. What is a weighted GPA?** A weighted GPA allows a student to pass people in class rank by taking more rigorous classes than others may be taking. *See page 5 for example.*
- 3. What is Class Rank?** Class rank a measure of how a student's performance compares to other students in his/her class. Class ranking is based on the grades and the types of High School courses a student has taken.
- 4. When did weighted GPAs take effect in EPISD?** Students who were Freshmen for the 2013-2014 school year. All students entering high school in the following years, will have their GPAs on a weighted tier.
- 5. What is the top 2% group?** It is the Top 2% of the class membership.
- 6. What is the Top 10% Group?** It is the Top 10% of the class membership.
- 7. Who receives the Valedictorian Honor?** The student with the Highest GPA of the senior class membership.
- 8. Who receives the Salutation Honors?** The student with the second highest GPA of the senior class membership.
- 9. What is a Prerequisite?** It is a requirement to take a class
- 10. Why Take AP Courses?** Please use the pamphlet [conversation starter](#) with your counselor?

Legends

Credit classification (Policy EIE)

Beginning with the freshman class of 2007–08, the following credits shall be required for each classification; provided however, if a student has accumulated enough credits to advance beyond the student's cohort class, the student will not be classified beyond the cohort class unless specifically requested by the parent/guardian.

0 – 6 credits	Grade 9
6.5 – 12 credits	Grade 10
12.5 – 18 credits	Grade 11
18.5 – 26 credits	Grade 12

<http://www.educationworld.com/standards/state/toc/#arts>

High School English Language Arts

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Course Code: HE1000Y1 **Long Name:** English 1 (ENG 1)
Short Name: Eng 1 **Recommended Grade Placement:** 9 **1 credit** **State**
Service Id: 03220100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students enrolled in Part 1 of English I read extensively in multiple genres from world literature. They learn literary forms and terms and interpret the possible influences of the historical context on a literary work. STAAR reading and writing objectives are identified, taught, and reinforced throughout the semester. English I provides practice in all forms of writing, especially the literary and expository essay; students write to persuade, to report, and to describe. They edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English, with the goal of producing error-free final drafts.

Course Description: Students enrolled in Part 2 of English II refine their literary analysis skills through reading and responding to a wide variety of fiction, nonfiction, and poetry selections. Students gain more experience in planning, drafting, proofreading, and editing compositions. Reinforcement of STAAR reading and writing objectives continues.

Course Code: HE10GQY1 **Long Name:** English 1 Pre-AP (ENG 1)
Short Name: Eng 1 PAP **Recommended Grade Placement:** 9 **1 credit** **State**
Service Id: 03220100 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students enrolled in Pre-AP English I will be provided background vocabulary, literary terminology, and skills for the study of the short story, non-fiction, poetry, and the novel. Emphasis is placed on analysis of reading selections, concentrating on Pre-AP skills such as the use of diction, imagery, and tone. STAAR reading and writing objectives are identified, incorporated into the curriculum, and reinforced throughout the semester. Using the writing process, students produce literary, descriptive, informative/expository, persuasive, and analytical paragraphs and essays. To enhance students' frames of reference, cultural literacy units are included. All Pre-AP courses provide a more in-depth coverage of concepts.

Course Course Description: Students enrolled in Pre-AP English I will continue their study of literature, focusing on drama, epic poetry, and the novel. While focusing on Pre-AP skills, students continue developing their analytical skills and writing skills. STAAR reading and writing objectives continue to be reinforced and cultural literacy units are included to enhance students' frames of reference. All Pre-AP courses provide an in-depth coverage of concepts.

Course Code: HE2000Y1 **Long Name:** English 2 (ENG 2)

Short Name: Eng 2 **Recommended Grade Placement:** 10 **1 credit** **State**

Service Id: 03220200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

School (s): All Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** District Recommends Successful completion of English I or Pre-AP English 1

Course Description: Students enrolled in Part 1 of English II will continue to increase and refine their communication skills. An emphasis is placed on expository and persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing such as response to literature, reflective essays, and autobiographical narratives. Students apply basic library and research skills to create short, documented reports.

They continue to read selections in multiple genres including the short story, the novel, and poetry. Students enrolled in English II The study of archetypes and cultural literacy provide a frame of reference for literary allusions. Vocabulary development and word relationships are addressed in preparation for the ACT PLAN. Reading and writing TAKS objectives are addressed throughout the course.

Course Description: Students enrolled in Part 2 of English II will add drama to their study of genres and read at least one additional novel. They continue to read a wide variety of selections from nonfiction, American literature, English literature, and world literature in translation. TAKS objectives are reinforced.

Course Code: HE20GQY1 **Long Name:** English 2 Pre-AP (ENG 2)

Short Name: Eng 2 PAP **Recommended Grade Placement:** 10 **1 credit** **State**

Service Id: 03220200 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year

School (s): All Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** District Recommends Successful Completion of English I or Pre-AP English 1

Course Description: In addition to the English II curriculum, students enrolled in English Pre-AP II will be provided an in-depth analysis and interpretation of literature. Incorporating advanced vocabulary, students develop personal, expository, imaginative, and analytical writing. Vocabulary development and word relationships are addressed in preparation for the ACT PLAN.

Course Description: In addition to the English II curriculum, students enrolled in English Pre-AP II will enrich their study of nonfiction, drama, poetry, and the novel. Using advanced vocabulary and sentence structure, students strengthen persuasive and imaginative writing techniques and produce documented reports. Emphasis on cultural literacy continues; Pre-AP skills are incorporated to enhance students' understanding and analysis of reading selections; and TAKS reading, writing, and interpretation objectives continue to be refined. All Pre-AP courses provide more in-depth coverage of concepts.

Course Code: HE3000Y1 **Long Name:** English 3 (ENG 3)
Short Name: Eng 3 **Recommended Grade Placement:** 11 **1 credit** **State**
Service Id: 03220300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2

Course Description: The literary focus of English III is American literature from 1600 to 1890. In addition, students practice all forms of writing, using the writing process to draft, revise, and edit their writing, resulting in error-free final compositions. An emphasis is placed on persuasive forms of writing such as logical arguments, and expressions of opinion, and personal forms of writing such as response to literature, analytical and reflective essays, and autobiographical narratives. Vocabulary development and word relationships are addressed in preparation for the PSAT. Because junior students take the exit-level TAKS, tested objectives are emphasized throughout the course.

Course Description: As a continuation of English III, students will continue their study of American literature by reading selections dating from 1890 to the present. Students expand their writing and research skills by producing individual research papers relating to American culture/literature. TAKS objectives continue to be reinforced.

Course Code: HE4000Y1 **Long Name:** English 4 (ENG 4)
Short Name: Eng 4 **Recommended Grade Placement:** 12 **1 credit** **State**
Service Id: 03220400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** District Recommends Successful Completion of English 3, English 3 AP, or English 3 DC

Course Description: Students enrolled in English 4 will read extensively in multiple genres from British literature written from the Anglo-Saxon period through the 18th century. Using advanced research and documentation skills, students write research papers related to English literature/culture. In addition, students are expected to write in a variety of other forms, including business forms and letters and personal, literary, and persuasive essays. Intensive vocabulary study helps students prepare for the SAT/ACT examinations.

Course Code: HE2P20SH **Long Name:** Practical Writing Skills (PRACT WR)
Short Name: Prac Writ Skl **Recommended Grade Placement:** 10-12 **0.5 credit State**
Service Id: 03221300 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools
Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Practical Writing Skills will help students review and strengthen their writing skills in a variety of real-life situations and allows them to earn one-half to one credit while developing skills necessary for composing business letters and requests for information, as well as for completing college applications, job applications, resumés, and other types of writing that students will be faced with in the real world of business and academics. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary. Students are expected to understand the recursive nature of the writing process. Evaluation of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their writing.

Course Code: HE3100Y1 **Long Name:** Literary Genres (LIT GENR)
Short Name: Lit Genres **Recommended Grade Placement:** 11-12 **1 credit State**
Service Id: 03221500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2

Course Description: Students enrolled in Literary Genres will spend time analyzing the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High school students will discover how well written literary text can serve as models for their own writing. High school students respond to oral, written, and electronic text to connect their knowledge of the world.

Course Code: HE3200SH **Long Name:** Visual Media Analysis and Production (VI MEDIA)
Short Name: Vis Med **Recommended Grade Placement:** 11-12 **0.5 credit State**
Service Id: 3221700 [TEKS](#) **GPA:** TIER 3 **Duration:** SM
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Visual Media Analysis and Production is a one semester course focusing on the analysis of film as an artistic and informative medium, requiring students to use the writing process to analyze a variety of films in terms such as theme, characterization, filming techniques, and overall effect. Students will investigate how and what ideas, values, and concepts are connected through film. Class activities include viewing, listening, researching, analyzing and writing about film.

Course Code: HE3300Y1 **Long Name:** Creative Writing (CREAT WR)
Short Name: Crt Writ **Recommended Grade Placement:** 11-12 **0.5 credit** **State**
Service Id: 03221200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2

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

Course Code: HE4000SH **Long Name:** Research/Technical Writing (TECH WR)
Short Name: RS Tch Writ **Recommended Grade Placement:** 12 **0 credit** **State**
Service Id: 03221100 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2

Course Description: Research and Practical Writing helps students review and strengthen their writing skills in a variety of real-life situations and allows them to earn one-half to one credit while developing skills necessary for composing business letters and requests for information, as well as for completing college applications, job applications, resumés, and other types of writing that students will be faced with in the real world of business and academics. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary. Students are expected to understand the recursive nature of the writing process. Evaluation of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their writing.

English/Language Arts Independent Study in English Courses

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Course Code: HE4200SH **Long Name:** Bible as Literature (HSNTENG)
Short Name: Bible As Lit **Recommended Grade Placement:** 9-12 **0.5** **State**
Service Id: 03221850 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester

School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: The Bible as Literature – Independent Study in English is an academic study of selected narratives, characters, discourses, proverbs, and poetry from the Old Testament and a literary overview of the New Testament. Students will learn the literary qualities used in the Old Testament and New Testament and how a basic knowledge of the characters, themes, and motifs are important for understanding Western literature. Students will understand the influence of the Bible on history, law, community, and cultural life and gain insight into the founding fathers' world views taken from the Bible promoting human rights, women's rights, social justice, etc. Students will gain knowledge of Middle-Eastern history (Jewish-Arab) conflicts, geography, and religions. Students will learn the literary forms, language, and symbolism in the Bible that are constantly referred to in art, music, and literature and how to use multiple and complex reference skills in their written and oral communication.

- **Independent Study In English: Hebrew Scriptures and New Testament**
- **Students continuing in Independent Study in English for more than two years can receive one-half local elective credit per course.**

Course Code: HE2500Y1 **Long Name: English:** Independent Study 10 (IND ENG)
Short Name: Eng:IS 10 **Recommended Grade Placement:** 9-12 **1 credit State**
Service Id: 3221800 [TEKS](#) **GPA:** TIER 2-IS **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Prior District Approval

Course Description: Students enrolled in Independent Study in English will study concepts and skills associated with library research and other investigative techniques. Interviewing, public speaking, stress reduction, test taking, literary analysis, and memorization techniques are emphasized as students prepare for academic competitions (Academic Decathlon, High Q, Young Scholars, and others).

- **Independent Study in English (First Time Taken)**
 - **Students continuing in Independent Study in English for more than two years can receive one-half local elective credit per course.**
-

Course Code: HE3500Y1 **Long Name:** English: Independent Study 11 (IND ENG2)
Short Name: Eng IS: 11 **Recommended Grade Placement:** **1 credit**
Service Id: 3221810 [TEKS](#) **GPA:** TIER 2-IS **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Prior District Approval

Course Description: Students enrolled in Independent Study in English will study concepts and skills associated with library research and other investigative techniques. Interviewing, public speaking, stress reduction, test taking, literary analysis, and memorization techniques are emphasized as students prepare for academic competitions (Academic Decathlon, High Q, Young Scholars, and others).

- **Independent Study in English (Second Time Taken)**
 - **Students continuing in Independent Study in English for more than two years can receive one-half local elective credit per course.**
-

Course Code: HE4500Y1 **Long Name:** Eng Independent Study: 12 (IND ENG3)
Short Name: Eng IS: 12 **Recommended Grade Placement:** 11-12 **1 credit State**
Service Id: 3221820 [TEKS](#) **GPA:** TIER 2-IS **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Prior District Approval

Course Description: Students enrolled in Independent Study in English will study concepts and skills associated with library research and other investigative techniques. Interviewing, public speaking, stress reduction, test taking, literary analysis, and memorization techniques are emphasized as students prepare for academic competitions (Academic Decathlon, High Q, Young Scholars, and others).

- **Independent Study in English (Third Time Taken)**
 - **Students continuing in Independent Study in English for more than two years can receive one-half local elective credit per course.**
-

Course Code: HE3400SH **Long Name:** College Readiness And Study Skills (CRSS)
Short Name: C R Stdy **Recommended Grade Placement:** 11-12 **0.5 credit** **State**
Service Id: 3270100 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: This elective course prepares juniors and seniors for the ACT/SAT test. Employing various analytic strategies, students practice the skills necessary to succeed on the SAT reading and language arts sections.

Course Code: HE2P10SH **Long Name:** Prep/Pre-Scholastic Assessment Test (SAT Reasoning Test) (CRSS)
Short Name: Prep PSAT **Recommended Grade Placement:** 9-12 **0.5 credit** **Local**
Service Id: 8500PAT **Local Course** **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: All Prep. Classes are taken to prepare for National College Admission Exams.

Course Code: HE3P10SH **Long Name:** HS College Readiness Course (CRSS)
Short Name: HSCCR **Recommended Grade Placement:** 9-12 **0.5** **State**
Service Id: 85000SAT **Local Credit** **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Prep SAT is a course designed for college-bound students wishing to prepare for or increase their score on the SAT test. In addition to reviewing the basic verbal and mathematical skills assessed on the SAT test, students have access to test-taking strategies specific to the exam, real student work samples with explanations, grading rubrics for peer and self-assessment, practice tests with complete multiple-choice assessments, essays prompts, and study resources. Instruction, followed by collaborative, guided, and independent practice, provides the foundation for the course. Students spend nine weeks working on the verbal and writing component of the SAT and nine weeks working on the mathematics component of the SAT. Upon successful completion, students will possess the tools necessary to complete the SAT to the best of their ability.

Course Code: HE3P00SH **Long Name:** HS College Readiness Course (CRSS)
Short Name: HSCCR **Recommended Grade Placement:** 9-12 **0 credit** **State**
Service Id: 85000ACT **Local Credit** **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Prep ACT is designed for college bound students wishing to prepare for or increase their score on the ACT test. Students will work on both content related material and test taking strategies. Students will be prepared have access to test-taking strategies specific to the exam, real student work samples with explanations, grading rubrics for peer and self-assessment, practice tests with complete multiple-choice assessments, essays prompts, and study resources. Instruction, followed by collaborative, guided, and independent practice, provides the foundation for the course. The following areas will be covered: Math Concepts covered will include a review of skills from all levels of mathematics that appear on the ACT test: Pre-Algebra, Algebra, Algebra I, Algebra 2, Geometry, and Trigonometry; Science Reasoning Concepts covered will include understanding science related passages in the three forms used by the ACT test: Data Representation, Research Summaries, and Conflicting Viewpoints; English Concepts covered will include: basic grammar and usage, punctuation, sentence mechanics, organization and style of writing, and word choice; Reading Concepts covered will include: recall, content reasoning, and comprehension; and Writing Concepts covered will include: using rules of standard written English, organizing ideas, using logical reasoning, and supporting ideas.

Course Code: HE4CPLY1 **Long Name:** English College Preparation (CPMAT)
Short Name: Eng COLG Prep **Recommended Grade Placement:** 11-12 **1.0 credit** **Local**
Service Id: CP110100 **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Satisfactory performance on the English I & II STAAR/EOC examinations and successful course completion of English III.

Course Description: Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. The focus of the course will be on applying critical reading skills for organizing, analyzing, and retaining material and developing written work appropriate to the audience, purpose, situation, and length of the assignment. This course is designed to prepare students for college-level reading and writing intensive courses. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for reading and writing at the partnering institution(s). Students will learn to write effective, logical essays, utilizing textual support to develop reading comprehension strategies, and to analyze, synthesize and make value judgments using critical thinking. The course fulfills TSI requirements for reading and writing.

Students will take the Final Exam with no exemptions.

- Final exam weight will be determined by the ISD.
- The genre appropriate STAAR writing rubric will be used to score the essays:
<http://www.tea.state.tx.us/student.assessment/taar/writing/>
- Students must write and receive a score of at least a 3 on the STAAR writing rubric on each of the five assigned essays.
- An overall grade of 75 is required for course credit. Students who receive course credit will be considered TSI exempt in reading and writing.

English/Language Arts Reading Courses

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Course Code: HE1R00Y1 **Long Name:** Reading 1 (READ1)
Short Name: Rd 1 **Recommended Grade Placement:** 9 **1 credit** **State**

Service Id: 3270700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Reading I focuses on basic reading skills: (1) word recognition (2) vocabulary development (3) comprehension (4) literary elements (5) STAAR reading and writing objectives (6) strategies. Students are also required to write basic compositions. (Students receive elective credit. See counselor before enrolling.)

Course Code: HE2R00Y1 **Long Name:** Reading 2 (READ2)
Short Name: Rd 2 **Recommended Grade Placement:** 10 **1 credit** **State**

Service Id: 3270800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 2/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** District Recommended Reading I

Course Description: Reading II focuses on basic reading skills: (1) word recognition (2) vocabulary development (3) comprehension (4) literary elements (5) STAAR reading and writing objectives (6) strategies. Students are also required to write basic compositions. (Students receive elective credit. See counselor before enrolling.)

Course Code: HE3R00Y1 **Long Name:** Reading 3 (READ3)
Short Name: Rd 3 **Recommended Grade Placement:** 11 **1 credit** **State**

Service Id: 3270900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** District Recommended Reading II

Course Description: The English Language Arts and Reading Texas Essential Knowledge and Skills (TEKS) are organized into the following strands: Reading; students read and understand a wide variety of literary and informational texts; Writing; students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail; Research; students are expected to know how to locate a range of relevant sources and evaluate, synthesize, and present ideas and information; Listening and Speaking; students listen and respond to the ideas of others while contributing their own ideas in conversations and in groups; and Oral and Written Conventions; students learn how to use the oral and written conventions of the English language in speaking and writing. In second grade, students will engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Students should write and read (or be read to) on a daily basis.

English for Speakers of Other Languages (ESOL)

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Course Code: HE111SY1 **Long Name:** Eng Lang Development Rd (Read1)
Short Name: ELD Rd **Recommended Grade Placement:** 9 **1 credit State**
Service Id: 03270700 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** 1st year ESL Student- Placement test

Course Description: Using instructional approaches that reflect scientifically based reading research, this course focuses on developing literacy in English. Emphasis will be placed on the following elements of reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension.

Course Code: HE116SS1 **Long Name:** Eng Lang Development A Newcomers' English Language Development A
Short Name: ELD A **Recommended Grade Placement:** 9-12 **1 credit State**
Service Id: N1280042 **State Innovative Course** **TEKS** **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools
Part 1/ Part 2 Credit Per Part: 1 **Prerequisite:** For Beginning Level students only

Course Description: Part A: English Language Development (ELD) has been designed to provide intensive English language development instruction for state elective credit in reading for limited English proficient (LEP) Newcomer students. The courses are delivered in a two (2) period block designed to provide instructional opportunities for newcomer students with little or no English proficiency while incorporating ESL English I TEKS and English Language Proficiency Standards requirements.

Course Code: HE117SS1 **Long Name:** Eng Lang Development B Newcomers' English Language Development B
Short Name: ELD B **Recommended Grade Placement:** 9-12 **1 credit State**
Service Id: N1280043 **State Innovative Course** **TEKS** **GPA:** TIER 3 **Duration:** Semester
School (s): All Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** HE116SS1 ELD Part A.

Course Description: This is the second semester of the ELD course. The students continue to develop their English proficiency in reading and writing while incorporating the English Language Proficiency Standards (ELPS) and English I TEKS. This course is only for Beginning Level students.

Course Code: HE112SY1 **Long Name:** English -1 ESOL **ENG1 SOL**
Short Name: 1 ESOL **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03200600 **GPA:** TIER 3 **Duration:** /Year
School (s): All High Schools

Part 1 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course is designed to develop the student's English Language proficiency. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR 1 TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course. English for Speakers of Other Languages classes provide accommodations for English language learners through ESL teaching strategies, but the course content is not modified. This course covers the same concepts, knowledge, and skills covered in the general ELA curriculum.

Part 2 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course continues to develop the student's English Language proficiency. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR 1 TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course.

Course Code: HE113SY1 **Long Name:** Reading 1 NIM ESO **READ 2**
Short Na Rd 1 NIM **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03270800 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course is designed to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Part 2 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course continues to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Course Code: HE114SY1 **Long Name:** Long Name: Reading 1 IM ESOL **READ2**
Short Name: Rd1 IM **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03270800 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course is designed to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Part 2 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course continues to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Course Code: HE115SY1 **Long Name:** English 1 Sheltered ESOL **ENG1**
Short Name: Sh Eng1 **Recommended Grade Placement:** 9-12 **1.0** **STATE**
Service Id: 03220100 **GPA:** TIER 3 **Duration:** Year

School (s): All High Schools

Part 1 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course is designed to develop the student's English Language proficiency while incorporating ELAR 1 TEKS. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR 1 TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course. Sheltered classes provide accommodations for English language learners through ESL teaching strategies, but the course content is not modified. This course covers the same concepts, knowledge, and skills covered in the general ELA curriculum

Part 2 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course continues to develop the student's English Language proficiency. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR 1 TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course.

Course Code HE222SY1 **Long Name:** English 2 ESOL **ENG2 ESOL**
Short Name: Eng 2 **Recommended Grade Placement:** 9-12 **1.0** **STATE**
Service Id: 03200700 **GPA:** TIER 3 **Duration:** Year

School (s): Coronado, All High Schools

Part 1 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course is designed to develop the student's English Language proficiency. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR 1 TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course. English for Speakers of Other Languages classes provide accommodations for English language learners through ESL teaching strategies, but the course content is not modified. This course covers the same concepts, knowledge, and skills covered in the general ELAR curriculum.

Part 2 Credit Per Part: 0.5 Recommended Prerequisite: LPAC Placement

This course continues to develop the student's English Language proficiency. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR 1 TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course.

Course Code: HE223SY1 **Long Name: Long Name: Reading 2 NIM ESOL** **READ 3**
Rd2 NIM ESOL **Recommended Grade Placement: 9-12** **1.0** **STATE**
Service Id: 03270800 **GPA: TIER 3** **Duration: Year**
School (s): Coronado, All High Schools

Part 1 **Credit Per Part: 0.5** **Recommended Prerequisite: LPAC Placement**

This course is designed to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Part 2 **Credit Per Part: 0.5** **Recommended Prerequisite: LPAC Placement**

This course continues to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Course Code: HE224SY1 **Long Name: Long Name: Reading 2 IM ESOL** **READ3**
Short N Rd 2 IM ESOL **Recommended Grade Placement: 9-12** **1.0** **STATE**
Service Id: 03270900 **GPA: TIER 3** **Duration: Year**
School (s): All High Schools.

Part 1 **Credit Per Part: 0.5** **Recommended Prerequisite: LPAC Placement**

This course is designed to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Part 2 **Credit Per Part: 0.5** **Recommended Prerequisite: LPAC Placement**

This course continues to provide students opportunities to acquire academic language using multicultural literature. Emphasis is placed on reading comprehension and thinking skills, academic vocabulary development and the writing process. Students engage in discussion opportunities, oral reading and cooperative group activities.

Course Code: HE225SY1 **Long Name: English 2 Sheltered ESOL** **ENG2**
Short Name: Sh Eng2 **Recommended Grade Placement: 9-12** **1.0** **STATE**
Service Id: 03220200 **GPA: TIER 3** **Duration: Year**
School (s): Coronado, All High Schools.

Part 1 **Credit Per Part: 0.5** **Recommended Prerequisite: LPAC Placement**

This course is designed to develop the student's English Language proficiency. Reading, writing, listening, and speaking are integrated into thematic, academic units. Students read selections in multiple genres including fiction and nonfiction (the short story, the novel, and poetry, drama). Units introduce a variety of authors and cultures from which students will interpret literary elements, apply reading strategies, learn and incorporate new vocabulary, analyze and critically evaluate texts, and respond in writing using a variety of modes. ELAR TEKS and English Language Proficiency Standards (ELPS) are addressed throughout the course. Sheltered classes provide accommodations for English language learners through ESL teaching strategies, but the course content is not modified. This course covers the same concepts, knowledge, and skills covered in the general ELAR curriculum

Science

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Course Code: HC1000Y1 **Long Name:** Biology (BIO)
Short Name: Bio **Recommended Grade Placement:** Grade 9, 10, or 11 **1.0 credit** **STATE**
Service Id: 03010200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None.

Course Description: In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

Course Code: HC10GQY1 **Long Name:** Biology Pre AP (BIO)
Short Name: Bio PAP **Recommended Grade Placement:** Grade 9, 10, or 11 **1.0 credit** **STATE**
Service Id: 03010200 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: In Biology PAP, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

- **A research project is required and must be completed during Part 1 or Part 2.**

Course Code: HC1200Y1 **Long Name:** Integrated Physics And Chemistry (IPC)
Short Name: IPC **Recommended Grade Placement:** Grade 9 or 10 **1.0 credit** **STATE**
Service Id: 03060201 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None.

Course Description: In integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific methods, during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.

Course Code: HC2000Y1 **Long Name:** Chemistry (CHEM)
Short Name: Chem **Recommended Grade Placement:** Grade 10, 11, or 12 **1.0** **STATE**
Service Id: 03040000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** One unit of high school science and Algebra I. Suggested prerequisite: completion of or concurrent enrollment in a second year of math.

Course Description: In Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

Course Long Name: Chemistry Pre AP (CHEM)
Short Name: Chem PAP **Recommended Grade Placement:** Grade 10, 11, or 12 **1.0 STATE**
Service Id: 03040000 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** One unit of high school science and Algebra I. Suggested prerequisite: completion of or concurrent enrollment in a second year of math.

Course Description: In Chemistry PAP, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

- **A research project is required and must be completed during Part 1 or Part 2.**

Course Code: HC3000Y1 **Long Name:** Physics (PHYSIC)
Short Name: Physics **Recommended Grade Placement:** Grade 9, 10, 11, or 12. **1.0 STATE**
Service Id: 03050000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Algebra I is suggested as a prerequisite or co-requisite.

Course Description: 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 peers, and develop critical thinking skills.

Course Code: HC30GQY1 **Long Name:** Physics PAP (PHYSICS)
Short Name: Physics PAP **Recommended Grade Placement:** Grade 9, 10, 11, or 12. **1.0 STATE**
Service Id: 03050000 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Algebra I is suggested as a prerequisite or co-requisite.

Course Description: 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 peers, and develop critical thinking skills.

- **Physics PAP includes topics covered in Part 1 and 2 of Physics at greater depth and complexity. A research project is required and must be completed during Part 1 or Part 2.**

Course Code: HC4300Y1 **Long Name:** Environmental System (ENVIRSYS)
Short Name: Environ Sys **Recommended Grade Placement:** Grade 11 or 12. **1.0 STATE**
Service Id: 3020000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended one unit high school life science and one unit of high school physical science.

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

Course Code: HC4100Y1 **Long Name:** Astronomy (ASTRMY)
Short Name: Astronomy **Recommended Grade Placement:** Grade 11 or 12. **1.0 STATE**
Service Id: 03060100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Coronado

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended one unit of high school science

Course Description: In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, and reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical-thinking skills.

Course Code: HC4200Y1 **Long Name:** Earth & Space (ASTRMY)
Short Name: Earth & Space **Recommended Grade Placement:** Grade 11 or 12. **1.0 STATE**
Service Id: 03060100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Coronado

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** three units of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently.

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

CTE Science

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Course Code: HT4A10Y1 **Long Name:** Advanced Animal Science
Short Name: Adv Animal Sci **Recommended Grade Placement:** 12 **1 credit** **STATE**
Service Id: 13000700 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and, Chemistry, or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production. Recommended prerequisite: Veterinary Medical Applications.

Description: Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Course Code: HT3A70Y1 **Long Name:** Advanced Plant and Soil Science
Short Name: Adv P & S Sci **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13002100 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Biology, Integrated Physics and Chemistry, Chemistry, or Physics and a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.

Description: Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Course Code: HT3H00Y1 **Long Name:** Anatomy and Physiology
Short Name: Anat Phys **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020600 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

This course satisfies a high school science graduation requirement.

Course Code: HT3H0AY1 **Long Name:** Anatomy and Physiology PAP
Short Name: Anat Phys PAP **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020600 [TEKS](#) **GPA:** TIER 2 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

This course satisfies a high school science graduation requirement.

Course Code: HT3H0QY1 **Long Name:** Anatomy and Physiology PAP
Short Name: Anat Phys PAP **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020600 [TEKS](#) **GPA:** TIER 2 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

This course satisfies a high school science graduation requirement.

Course Code: HT4H00Y1 **Long Name:** Medical Micro Biology
Short Name: Med Micro **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

This course satisfies a high school science graduation requirement.

Course Code: HT4H10Y1 **Long Name:** Pathophysiology
Short Name: Med Micro **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13020800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

This course satisfies a high school science graduation requirement.

Course Code: HT4I00Y1 **Long Name:** Food Science
Short Name: Food Science **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13023000 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Three units of science, including chemistry and biology. Recommended prerequisite: Principles of Hospitality and Tourism.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

This course satisfies a high school science graduation requirement.

Course Code: HT4L00Y1 **Long Name:** Forensic Science
Short Name: Forensic Sci **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13029500 **TEKS** **GPA:** TIER 3 **Duration:** Year
General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite or corequisite: any Law, Public Safety, Corrections, and Security Career Cluster course.

Description: Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

This course satisfies a high school science graduation requirement.

Course Code: HT3S00Y1 **Long Name:** Principles of Technology
Short Name: Prin of Tech **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: #13037100 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** One credit of high school science and Algebra I.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: In Principles of Technology, students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.

This course satisfies a high school science graduation requirement.

Course Code: HT3S40Y1 **Long Name:** Biotechnology 1
Short Name: Biotechnology 1 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13036400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and Chemistry . Recommended prerequisite Principles of Biosciences

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: In Biotechnology I, students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biotechnology I will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics.

This course satisfies a high school science graduation requirement.

Course Code: HT4S10Y1 **Long Name:** Engineering Design and Problem Solving
Short Name: Eng Dsg & PS **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I and Geometry. Recommended prerequisites: two Science, Technology, Engineering, and Mathematics (STEM) Career Cluster credits.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

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

This course satisfies a high school science graduation requirement

Course Code: HT4S30S1 **Long Name:** Health Science SRD
Short Name: HST SRD **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037200 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

This course satisfies a high school science graduation requirement

Course Code: HT4S30Y1 **Long Name:** Robotics SRD
Short Name: Robotics SRD **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

This course satisfies a high school science graduation requirement

Course Code: HT4S50Y1 **Long Name:** Engineering Science
Short Name: Engineering Sci **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I and Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics. Recommended prerequisite: Geometry.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a postsecondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

This course satisfies a high school science graduation requirement

Social Studies

[Return](#)

Course Code: HS1000Y1 **Long Name:** W Geo Social Studies
Short Name: W Geo **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03320100 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students will describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course will center around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions. Students will use of a variety of primary and secondary source material such as contemporary and historic maps of various types, satellite-produced images, photographs, graphs, map sketches, and diagrams is encouraged in order to support their understanding of the essential knowledge and skills as outline on 19 TAC Chapter 113.43. The different strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Source: The provisions of this §113.43 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: **Long Name:** W Geo PAP Social Studies
Short Name: W Geo PAP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03320100 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** None

Course Description: **The content is studied in greater depth and may include additional topics.** Students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students will describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course will center around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions. Students will use of a variety of primary and secondary source material such as contemporary and historic maps of various types, satellite-produced images, photographs, graphs, map sketches, and diagrams is encouraged in order to support their understanding of the essential knowledge and skills as outline on 19 TAC Chapter 113.43. The different strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS2000Y1 **Long Name:** W Hist Social Studies
Short Name: W Hist **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03340400 **TEKS** **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: This course should focus on "essential" concepts and skills that can be applied to various eras, events, and people within the standards found on 19 TAC Chapter 113.42. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence. The following periods should serve as the framework for the organization of this course: 8000 BC-500 BC (Development of River Valley Civilizations); 500 BC-AD 600 (Classical Era); 600-1450 (Post-classical Era); 1450-1750 (Connecting Hemispheres); 1750-1914 (Age of Revolutions); and 1914-present (20th Century to the Present). Students will be exposed to a variety of rich primary and secondary source material such as state papers, legal documents, charters, constitutions, biographies, autobiographies, speeches, letters, literature, music, art, and architecture is encouraged. The eight strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS3000Y1 **Long Name:** US Hist Social Studies
Short Name: US Hist **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 3340100 **TEKS** **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The course will cover United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provides a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students will describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students will use a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context. Students will use a variety of rich primary and secondary source material such as biographies, autobiographies, landmark cases of the U.S. Supreme Court, novels, speeches, letters, diaries, poetry, songs, and artworks is encouraged. The eight strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes as covered under 19 TAC Chapter 113.41.

Course Code: HS4000SH **Long Name:** US Govt Social Studies
Short Name: US Govt **Recommended Grade Placement:** 9-12 **.5 credit** STATE
Service Id: 03330100 [TEKS](#) **Duration:** SM
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: In United States Government course, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue. To support the teaching of the essential knowledge and skills, the use of a variety of rich primary and secondary source material such as the complete text of the U.S. Constitution, selected Federalist Papers, landmark cases of the U.S. Supreme Court (such as those studied in Grade 8 and U.S. History Since 1877), biographies, autobiographies, memoirs, speeches, letters, and periodicals that feature analyses of political issues and events is encouraged. The strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS4100SH **Long Name:** Econ-FE Social Studies
Short Name: Econ-FE **Recommended Grade Placement:** 9-12 **.5 credit** STATE
Service Id: 03310300 [TEKS](#) **Duration:** SM
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The course Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues. Students identify the role of the U.S. free enterprise system (As referenced in House Bill 492, an act of the Texas Legislature signed into law in 2005) within the parameters of this course and understand that this system may also be referenced as capitalism or the free market system.

Course Code: HS5000SH **Long Name:** Psych Social Studies
Short Name: Psych **Recommended Grade Placement:** 9-12 **.5 credit** STATE

Service Id: 03350100

[TEKS](#)

Duration: SM

School (s): all schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

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

Source: The provisions of this §113.45 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS5100SH

Long Name: Sociology

Social Studies

Short Name: Sociology

Recommended Grade Placement: 9-12

.5 credit STATE

Service Id: 03370100

[TEKS](#)

Duration: SM

School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

Source: The provisions of this §113.46 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS5500SH

Long Name: Personal Financial Literacy

Social Studies

Short Name: Financial Lit

Recommended Grade Placement: 10-12

.5 credit STATE

Service Id: 03380082

[TEKS](#)

Duration: SM

School (s): All

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Personal Financial Literacy is designed to be an interactive and research-based course. The course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. There are many references to conducting a cost-benefit analysis for spending and investing decisions. Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time.

Course Code: HS5400SH

Long Name: SS AmerCul

Social Studies

Short Name: SS AmerCul

Recommended Grade Placement: 9-12

.5 credit STATE

Service Id: 03380002

[TEKS](#)

Duration: SM

School (s): all schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: American Cultural Studies is a one-semester special topics elective. Students apply a sociological perspective to investigate and analyze a variety of topics and issues concerning selected minority cultures in United States society. The course examines the consequences of discrimination against, as well as the contributions of, racial, ethnic, religious groups and women in American society. Students use critical-thinking skills to locate, organize, analyze, and use data collected from a variety of sources. Problem solving and decision-making are important elements of the course, as is the communication of information in written, oral, and visual forms. Like all other social studies courses, American Cultural Studies observes Celebrate Freedom Week emphasizing the Declaration of Independence and the U.S. Constitution, including the Bill of Rights, and its subsequent influence on American history, civil rights and citizenship.

Course Code: HS5300SH

Long Name: SS Adv STD

Social Studies

Short Name: SS Adv

Recommended Grade Placement: 9-12

.5 credit STATE

Service Id: 03380001

[TEKS](#)

Duration: SM

School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: This one-semester course is a study of the development of the individual and the personality, based on an historical framework and on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning. Students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with a mentor or other students, investigate a problem, issue, or concern; and present a product of professional quality to an appropriate audience.

Source: The provisions of this §113.52 adopted to be effective September 1, 1998, 22 TexReg 7684.

Course Code: HS3010SH

Long Name: International Conflicts

Social Studies

Short Name: SS Res

Recommended Grade Placement: 9-12

.5 credit STATE

Service Id: 03380003

[TEKS](#)

Duration: SM

School (s): All schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: International Conflicts is a social studies research methods elective course, students conduct advanced research on a selected topic in International conflicts using qualitative and/or quantitative methods of inquiry. Students present their research results and conclusions in written and visual or oral format. The course is designed to be conducted in either classroom or independent settings.

Source: The provisions of this §113.48 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS5301Y1

Long Name: International Country Studies

Social Studies

Short Name: Int Studies **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**
Service Id: 03380021 **TEKS** **Duration:** SM
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: International Country Studies is a social studies advanced studies elective course, students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with a mentor, investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience.

Source: The provisions of this §113.52 adopted to be effective September 1, 1998, 22 TexReg 7684.

Course Code: HS530MSH **Long Name:** SS ForPolc Social Studies

Short Name: SS ForPolc **Recommended Grade Placement:** 9-12 **.5 credit** **SM**

Service Id: 03380032 **TEKS** **Duration:** Year

School (s): Coronado HS and all schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Foreign Policy is a special topics elective course in social studies, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped foreign policy, their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

Course Code: HS5301Y1 **Long Name:** International Country Studies Social Studies

Short Name: SS Int Studies **Recommended Grade Placement:** 9-12 **1 credit**

Service Id: 03380021 **TEKS** **Duration:** Year

School (s): all schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: International Country Studies is an Introduction. In Social Studies Advanced Studies, an elective course, students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with a mentor, investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience.

Course Code: HS5400SH **Long Name:** SS AmerCul Social Studies

Short Name: SS AmerCul **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**

Service Id: 03380002 **TEKS** **Duration:** SM

School (s): all schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: American Cultural Studies is a one-semester special topics elective. Students apply a sociological perspective to investigate and analyze a variety of topics and issues concerning selected minority cultures in United States society. The course examines the consequences of discrimination against, as well as the contributions of, racial, ethnic, religious groups and women in American society. Students use critical-thinking skills to locate, organize, analyze, and use data collected from a variety of sources. Problem solving and decision-making are important elements of the course, as is the communication of information in written, oral, and visual forms. Like all other social studies courses, American Cultural Studies observes Celebrate Freedom Week emphasizing the Declaration of Independence and the U.S. Constitution, including the Bill of Rights, and its subsequent influence on American history, civil rights and citizenship.

Course Code: HS6100SH	Long Name: Social Studies 1 Acadec	Social Studies
Short Name: SSST 1 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380002	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: In Special Topics in Social Studies, an elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

Course Code: HS6200SH	Long Name: Social Studies 2 Acadec	Social Studies
Short Name: SSST 2 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380022	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: In Special Topics in Social Studies, an elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

Course Code: HS6300SH	Long Name: Social Studies 3 Acadec	Social Studies
Short Name: SSST 3 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380032	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: In Special Topics in Social Studies, an elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

Course Code: HS6400SH	Long Name: Social Studies 4 Acadec	Social Studies
Short Name: SSST 4 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380042	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: In Special Topics in Social Studies, an elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

Course Code: HS6500SH	Long Name: SS Res 1 Acadec	Social Studies
Short Name: SSRM 1 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380003	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: In Social Studies Research Methods, an elective course, students conduct advanced research on a selected topic in social studies using qualitative and/or quantitative methods of inquiry. Students present their research results and conclusions in written and visual or oral format. The course is designed to be conducted in either classroom or independent settings.

Course Code: HS6600SH	Long Name: SS Res 2 Acadec	Social Studies
Short Name: SSRM 2 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380023	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: In Social Studies Research Methods, an elective course, students conduct advanced research on a selected topic in social studies using qualitative and/or quantitative methods of inquiry. Students present their research results and conclusions in written and visual or oral format. The course is designed to be conducted in either classroom or independent settings.

Course Code: HS6700SH	Long Name: SS Res 3 Acadec	Social Studies
Short Name: SSRM 3 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 3380033	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: In Social Studies Research Methods, an elective course, students conduct advanced research on a selected topic in social studies using qualitative and/or quantitative methods of inquiry. Students present their research results and conclusions in written and visual or oral format. The course is designed to be conducted in either classroom or independent settings.

Course Code: HS6800SH	Long Name: SS Res 4 Acadec	Social Studies
Short Name: SSRM 4 Acadec	Recommended Grade Placement: 9-12	.5 credit STATE
Service Id: 03380043	TEKS	Duration: SM
School (s): all schools		

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: In Social Studies Research Methods, an elective course, students conduct advanced research on a selected topic in social studies using qualitative and/or quantitative methods of inquiry. Students present their research results and conclusions in written and visual or oral format. The course is designed to be conducted in either classroom or independent settings.

Mathematics

[Return](#)

Course Code: HM1000Y1 **Long Name:** Algebra 1 Math
Short Name: ALG 1 **Recommended Grade Placement:** 9 – 12 **1.0** **STATE**
Service Id: 3100500 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 2/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students use symbols in a variety of ways to study relationships among quantities. Students use functions to determine one quantity from another, to represent and model problem situations, and to analyze and interpret relationships. Students work in many situations to set up equations and inequalities and use a variety of methods to solve them. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems.

Course Code: HM10GQY1 **Long Name:** Algebra 1 – PreAP Math
Short Name: ALG 1-PAP **Recommended Grade Placement:** 9-12 **1.0** **STATE**
Service Id: 3100500 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 2/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: This content is studied in greater depth and may include additional topics. Students use symbols in a variety of ways to study relationships among quantities. Students use functions to determine one quantity from another, to represent and model problem situations, and to analyze and interpret relationships. Students work in many situations to set up equations and inequalities and use a variety of methods to solve them. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems

Course Code: HM1200Y1 **Long Name:** Mathematical Models with Applications Math
Short Name: Math Mod **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 3102400 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

Course Code: HM2000Y1 **Long Name:** Geometry Math

Short Name: GEOM **Recommended Grade Placement:** 9-12 **1.0 credit** **State**

Service Id: 3100700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

Course Code: HM20GQY1 **Long Name:** Geometry- Pre-AP Math

Short Name: Geom PAP **Recommended Grade Placement:** 9-12 **1.0 credit** **State**

Service Id: 3100700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: The content is studied in greater depth and may include additional topics. In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

Course Code: HM3000Y1 **Long Name:** Algebra 2 Math
Short Name: ALG 2 **Recommended Grade Placement:** 9-12 **1.0** **State**
Service Id: 3100600 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: Students study algebraic concepts and the relationships among them to better understand the structure of algebra. Students perceive functions and equations as means for analyzing and understanding a broad variety of relationships and as a useful tool for expressing generalizations. Students perceive the connections between algebra and geometry and use the tools of one to help solve problems in the other. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems. As they do mathematics, students continually use problem-solving, language and communication, and reasoning (justification and proof) to make connections within and outside mathematics. Students also use multiple representations, technology, applications and modeling, and numerical fluency in problem-solving contexts.

Course Code: HM30GQY1 **Long Name:** Algebra 2 PAP Math
Short Name: ALG 2 PAP **Recommended Grade Placement:** 9-12 **1.0** **State**
Service Id: 3100600 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: Students will go more in depth in Algebra 2 PAP. Students study algebraic concepts and the relationships among them to better understand the structure of algebra. Students perceive functions and equations as means for analyzing and understanding a broad variety of relationships and as a useful tool for expressing generalizations. Students perceive the connections between algebra and geometry and use the tools of one to help solve problems in the other. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems. As they do mathematics, students continually use problem-solving, language and communication, and reasoning (justification and proof) to make connections within and outside mathematics. Students also use multiple representations, technology, applications and modeling, and numerical fluency in problem-solving contexts.

Course Code: HM3100Y1 **Long Name:** Algebraic Reasoning Math
Short Name: Alg Rea **Recommended Grade Placement:** 9-12 **1.0 credit** **State**
Service Id: 3102540 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

Course Code: HM400Y1 **Long Name:** Discrete Mathematics Problem Solving Math

Short Name: Discrete Math **Recommended Grade Placement:** 9-12 **1.0 credit** **State**

Service Id: 3102520 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 2

Course Description: In Discrete Mathematics for Problem Solving, students are introduced to the improved efficiency of mathematical analysis and quantitative techniques over trial-and-error approaches to management problems involving organization, scheduling, project planning, strategy, and decision making. Students will learn how mathematical topics such as graph theory, planning and scheduling, group decision making, fair division, game theory, and theory of moves can be applied to management and decision making. Students will research mathematicians of the past whose work is relevant to these topics today and read articles about current mathematicians who either teach and conduct research at major universities or work in business and industry solving real-world logistical problems. Through the study of the applications of mathematics to society's problems today, students will become better prepared for and gain an appreciation for the value of a career in mathematics.

Course Code: HM4200Y1 **Long Name:** Advanced Quantitative Reasoning Math

Short Name: Adv Quan Reas **Recommended Grade Placement:** 9-12 **1.0 credit** **State**

Service Id: 3102510 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Geometry and Algebra 2

Course Description: In Advanced Quantitative Reasoning, students continue to build upon the K-8, Algebra I, Algebra II, and Geometry foundations as they expand their understanding through further mathematical experiences. Advanced Quantitative Reasoning includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning and mathematical thinkers who can use their quantitative skills to solve authentic problems. Students develop critical skills for success in college and careers, including investigation, research, collaboration, and both written and oral communication of their work, as they solve problems in many types of applied situations. As students work with these mathematical topics, they continually rely on mathematical processes, including problem-solving techniques, appropriate mathematical language and communication skills, connections within and outside mathematics, and reasoning. Students also use multiple representations, technology, applications and modeling, and numerical fluency in problem-solving contexts.

Course Code: HM4500Y1 **Long Name:** Statistics Math

Short Name: Statistics **Recommended Grade Placement:** 9-12 **1.0 credit** **State**

Service Id: 3102530 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

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

Course Code: HM4100Y1 **Long Name:** Pre-calculus Math
Short Name: Pre Cal **Recommended Grade Placement:** 11-12 **1.0** **State**
Service Id: 3101100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra, Geometry, Algebra 2

Course Description: Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

Course Code: HM30GQY1 **Long Name:** Precalculus – PreAP Math
Short Name: Pre Cal-PAP **Recommended Grade Placement:** 11-12 **1.0 credit** **State**
Service Id: 3101100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1, Geometry, Algebra 2

Course Description: Pre AP Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

Course Code: HM4310Y1 **Long Name:** Independent Study in Mathematics (*First Time Taken*) Independent Study in Mathematics (First Time Taken)
Short Name: INSTUMTH **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**

Service Id: 03102500 **2012 Course Code:** M94000 **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** Geometry, Algebra 2

Course Description: Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. The requirements for each course must be approved by the local district before the course begins.

Source: <http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111c.html>

Course Code: HM4320Y1 **Long Name:** Independent Study in Mathematics (*Second Time Taken*) Independent Study in Mathematics (Second Time Taken)
Short Name: INSTMTH2 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 03102501 **2012 Course Code:** M94000 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** Geometry, Algebra 2

Course Description: Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. The requirements for each course must be approved by the local district before the course begins.

Source: <http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111c.html>

Course Code: HM4330Y1 **Long Name:** Independent Study in Mathematics (*Third Time Taken*) Independent Study in Mathematics (Third Time Taken)
Short Name: INSTMTH3 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 03102502 **2012 Course Code:** M94000 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** Geometry, Algebra 2

Course Description: Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. The requirements for each course must be approved by the local district before the course begins.

Source: <http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111c.html>

Course Code: HM511CY1 **Long Name:** Independent Study in Mathematics (*Calculus 1*) INSTMTH3
First time taken
Short Name: INSTMTH3 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 03102500 **2012 Course Code:** M940C0 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** Geometry, Algebra 2

Course Description: Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. The requirements for each course must be approved by the local district before the course begins.

Source: <http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111c.html>

Course Code: HM4CPLY1 **Long Name:** Mathematics College Preparation (CPMAT)
Short Name: Math COLG Prep **Recommended Grade Placement:** 11-12 **1.0 credit** **Local**
Service Id: CP111200 **2012 Course Code:** **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Recommended Prerequisite:** Recommended Prerequisite: : Satisfactory completion of Algebra I and the Algebra I EOC exam, Geometry, Algebra II.

Course Description: This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. In addition, the course supports students in developing skills and strategies needed to succeed in college. Mathematics topics include: real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations, rational expressions and quantitative reasoning. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for mathematics at the partnering institution(s). An overall grade for the semester of 75 or higher indicates that the student has met the college readiness standards established by the School Districts of Region 19, El Paso Community College (EPCC), and The University of Texas at El Paso (UTEP) indicating that the student is prepared for Integrated Mathematics Course II.

Students will take the Final Exam.

- **If a student scores at least 60 on the Final Exam, then the student's overall grade for the semester will not be less than 75 on the high school transcript.**
- **If a student scores less than the required 60 on the Final Exam, then the student's overall grade for the semester will not exceed 74 on the high school transcript.**
- **An overall grade for the semester of 75 or higher indicates that the student has met the criteria, and the student is prepared for Integrated Mathematics Course II without further assessment or remediation.**

Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** : Satisfactory completion of Algebra I and the Algebra I EOC exam, Geometry, Algebra II, and Integrated Mathematics Course I.

Course Description: This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. In addition, the course supports students in developing skills and strategies needed to succeed in college. Mathematics topics include: factoring techniques, radicals, algebraic fractions, complex numbers, graphing linear equations and inequalities, quadratic equations, systems of equations, graphing quadratic equations, an introduction to functions, and probability. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for mathematics at the partnering institution(s). An overall grade for the semester of 75 or higher indicates that the student has met the college readiness standards established by the School Districts of Region 19, El Paso Community College (EPCC), and The University of Texas at El Paso (UTEP) indicating that the student is prepared for college-level mathematics.

Students will take the Final Exam.

- **If a student scores at least 60 on the Final Exam, then the student's overall grade for the semester will not be less than 75 on the high school transcript.**
 - **If a student scores less than the required 60 on the Final Exam, then the student's overall grade for the semester will not exceed 74 on the high school transcript.**
 - **An overall grade for the semester of 75 or higher indicates that the student has met the criteria, and the student is prepared for college-level mathematics without further assessment or remediation.**
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CTE Mathematics

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Course Code: HT4A00Y1 **Long Name:** Mathematical Apps in Agriculture, Food, and Natural Resources (MATHAFNR)
Short Name: Math AG FD NR **Recommended Grade Placement:** 12 **1.0 credit** **STATE**
Service Id: 13001000 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Coronado

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** 1 Credit in AG Cluster

Description: To be prepared for careers in agriculture, food, and natural resources, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. Students should apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. To prepare for success, students are afforded opportunities to reinforce, apply, and transfer their knowledge and skills related to mathematics in a variety of contexts.

Course Code: HT4FS0Y1 **Long Name:** Statistics & Risk Management (Math)
Short Name: Statistic RM **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: # 13016900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): ALL

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Accounting 1 and Algebra 2

Course Description Introduction. Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Course Code: HT4S40Y1 **Long Name:** Engineering Math (Math)
Short Name: Eng Math **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13036700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 2

Course Description: Introduction. 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.

Course Code: HT3W0XY1 **Long Name:** Digital Electronics (PLTW) (Math)
Short Name: PLW Dig Elect **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: # 13037600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Chapin

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** NONE

Description: A course in applied logic that encompasses the application of electronic circuits and devices and computer simulation software is used to design and test digital circuitry prior to the construction of circuits and electronic devices. Articulated and Dual Credit courses will follow Rochester Institute of Technology Course Syllabus. Articulated Course offered; student can request post-secondary credit with participating institutions [Transcript grade of 85 or better and a score of 70 or better on college exam].

Dual Credit English Dual Credit

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Course Code: HE300DY1 **EPCC Code:** Engl 1301 & Engl 1302 **Long Name:** English 3 DC (ENG 3)

Short Name: Eng 3 DC **Recommended Grade Placement:** 11 **3 college credits Per Sem & 1 H.S. credit**

Service Id: 3220300 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2 and Placement Exam

Course Description: This course follows the descriptions for English 1301 Expository English Writing as specified by the Texas Community College System and has been approved through El Paso Community College. Students are introduced to critical thinking and the fundamentals of academic writing. Through the writing process, students refine topics: develop and support ideas; investigate, evaluate, and incorporate appropriate resources; edit for effective style and usage; and determine appropriate approaches for a variety of contexts, audiences, and purposes. Writing activities will include exposition and argumentation with at least one researched essay.

Course Description: This course follows the descriptions for English 1302 Research Writing and Literary Analysis as specified by the Texas Community College System and has been approved through El Paso Community College. Students continue to develop college writing with increased emphasis on critical essays, argumentation, and research, developing these competencies through the examination of a range of texts about the human experience. Requires students to locate, evaluate, integrate, and document sources and effectively edit for style and usage.

Course Code: HE400DY1 **EPCC Code:** Engl 1301 & Engl 1302 (ENG 4)

Long Name: English 4 Dual Credit

Short Name: Eng 4 DC **Recommended Grade Placement:** 12 **3 college credits Per Sem & 1 H.S. credit**

Service Id: 03220400 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1 DC **Duration:** Year

School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 3 or AP English 3 AP and Placement Exam

Course Description: Part 1 of English IV Dual Credit follows the descriptions for English 1301 Expository English Writing as specified by the Texas Community College System and has been approved through El Paso Community College. Students are introduced to critical thinking and the fundamentals of academic writing. Through the writing process, students refine topics: develop and support ideas; investigate, evaluate, and incorporate appropriate resources; edit for effective style and usage; and determine appropriate approaches for a variety of contexts, audiences, and purposes. Writing activities will include exposition and argumentation with at least one researched essay.

Course Description: Part 2 of English IV Dual Credit follows the descriptions for English 1302 Research Writing and Literary Analysis as specified by the Texas Community College System and has been approved through El Paso Community College. Students continue to develop college writing with increased emphasis on critical essays, argumentation, and research, developing these competencies through the examination of a range of texts about the human experience. Requires students to locate, evaluate, integrate, and document sources and effectively edit for style and usage.

Course Code: HE410DY1 **EPCC Course Code:** Engl 2322 & Engl 2323 (ENG 4)
Long Name: English 4 British Lit Dual Credit

Short Name: Eng 4 BrLit DC **Recommended Grade Placement:** 12 **3 college credits Per Sem & 1 H.S. credit**
Service Id: 3220400 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** EPCC Engl 1301 with a C or better (3.0)

Course Description: Part 1 of English IV Dual Credit British Literature follows the descriptions for English 2322 as specified by the Texas Community College System and has been approved through El Paso Community College. This course is strongly recommended for those pursuing a major in English at the baccalaureate level. Students will examine literature beginning with Anglo-Saxon writers through writers of the mid-eighteenth century. Through the writing process, students will successfully articulate in writing his/her responses and interpretations of literary works through the writing of critical essays, research papers, journals, or a combination of these.

Course Description: Part 2 of English IV Dual Credit British Literature follows the descriptions for English 2323 as specified by the Texas Community College System and has been approved through El Paso Community College. This course is strongly recommended for those pursuing a major in English at the baccalaureate level. Students will examine literature from the Romantic writers through writers of the twentieth century. Through the writing process, students will successfully articulate in writing his/her responses and interpretations of literary works through the writing of critical essays, research papers, journals, or a combination of these.

Course Code: HE330DSH **EPCC Course Code:** Engl 2307 (ENG)
Long Name: Creative Writing DC

EPCC Name: Creative Writing: Theory and Technique

Short Name: CRT Writ DC **Recommended Grade Placement:** 12 **3 college credits Per Sem & 1 H.S. credit**
Service Id: 3221200 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 Credit Per Part: **Prerequisite:** EPCC Engl 1301 with a C or better (3.0)

Course Description: Introduces creative writing with emphasis on current poetry, fiction, drama and literary non-fiction. Students will analyze and understand the use of structure and technique in order to compose imaginative texts. Reading and writing assignments in each genre will challenge students to gain working knowledge of fundamental elements such as free writing visualization, journal writing, prosody, concrete versus abstract language, imagery, character development, dialogue, and narration. Poems, literary essays, and short stories will be peer critiqued and revised in workshop format.

Course Code: HE330DY1 **EPCC Course Code:** Engl 2307, Engl 2389 (ENG)
Long Name: Creative Writing DC
EPCC Name: Creative Writing: Theory and Technique & Application and Workshop

Short Name: CRT Writ DC **Recommended Grade Placement:** 12 **3 college credits Per Sem & 1 H.S. credit**
Service Id: 3221200 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 Engl **Credit Per Part:** **Prerequisite:** EPCC Engl 1301 with a C or better (3.0)

Course Description: Theory and Techniques; Introduces creative writing with emphasis on current poetry, fiction, drama and literary non-fiction. Students will analyze and understand the use of structure and technique in order to compose imaginative texts. Reading and writing assignments in each genre will challenge students to gain working knowledge of fundamental elements such as free writing visualization, journal writing, prosody, concrete versus abstract language, imagery, character development, dialogue, and narration. Poems, literary essays, and short stories will be peer critiqued and revised in workshop format.

Part 2 Engl 2308

Course Description: Application and Workshop; Continues techniques in workshop format, aimed at the understanding of creative writing as a process that involves the invention, structuring and revision of complete poems and stories. Students will critique one another's work and use critiques of their own work toward making revisions. Students will be required to produce one of the following: a chat book of poetry, three stories, or a chapter outline of a novella.

- **Advance English Course for foundation graduation**
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Science DC

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Course Code: HC100DY1 **EPCC Course Code:** BIOL 1306, BIOL 1307 (SCI)
Long Name: Biology DC
EPCC Name: General Biology 1 & General Biology 2

Short Name: Bio DC **Recommended Grade Placement:** 9-12 **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03010200 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 **Credit Per Part:** **Prerequisite:** Placement Exam
BIOL1306 0.5 **Co-requisite:** Biology SRD DC

Course Description: General Biology 1; studies the fundamental principles of living organisms, including physical and chemical properties of life, organization, function evolutionary adaptation, and classification. Includes the concepts of cytology, reproduction, genetics, and scientific reasoning.

Part 2 BIOL 1307

Course Description: General Biology 2; Studies the diversity and classification of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy. Physiology, ecology, and evolution of plants and animals.

- This course Service ID is Biology 1
 - Students are required to take EOC Biology at end of course
 - This course is required to be taken at the same time as Biology SRD DC
-

Course Code: HC440DY1 **EPCC Course Code:** BIOL 1106, BIOL 1107 (SCI)
Long Name: Biology SRD DC
EPCC Name: General Biology Laboratory 1 & General Biology Laboratory 2

Short Name: Bio SRD DC **Recommended Grade Placement:** 9-12 **1 college credits Per Sem & 1 H.S. credit**
Service Id: 13027200 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 BIOL **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam
1106 **Co-requisite:** Biology DC

Course Description: General Biology Laboratory 1; Accompanies Biology 1306. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function evolutionary adaptation, and classification. Includes the concepts of cytology, reproduction, genetics, and scientific reasoning.

Part 2 BIOL 1109

Course Description: General Biology Laboratory 2; Accompanies BIOL 1307. Laboratory activities will reinforce the study of the diversity and classification of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy. Physiology, ecology, and evolution of plants and animals.

- This course is required to be taken at the same time as Biology DC
 - Service ID; State Credit Scientific Research and Design 1
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Course Code: HC200DY1 **EPCC Course Code:** CHEM 1311, Chem 1312 (SCI)
Long Name: Chemistry DC
EPCC Name: General Chemistry 1 & General Chemistry 2

Short Name: Chem DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03040000 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools
Part 1 CHEM 1311 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1 & Placement Exam
Co-requisite: Chemistry SRD DC

Course Description: General Chemistry 1; Provides a sound foundation for advance work in the natural sciences. Covers the quantitative aspects of the laws of chemistry and the behavior of chemical substances, atomic structure and chemical bonding, stoichiometry of chemical reactions, enthalpy changes, and the nature of solids, liquids, and gases.

Part 2 CHEM 1312

Course Description: General Chemistry 2; Includes topics in intermolecular forces, concentration units of solution, kinetics, gaseous equilibria, free energy changes in reactions and the equilibrium constant, oxidation-reduction, electrochemical cells and structure, and acid-base equilibria.

- This course Service ID is Chemistry 1
- This course is required to be taken at the same time as Chemistry SRD DC

Course Code: HC450DY1 **EPCC Course Code:** CHEM 1111, Chem 1112 (SCI)
Long Name: Chemistry SRD DC
EPCC Name: General Chemistry Laboratory 1 & General Chemistry Laboratory 2

Short Name: Chem DC **Recommended Grade Placement:** 10- **1 college credits Per Sem & 1 H.S. credit**
Service Id: 13037210 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Service Id:**
School (s): All Schools
Part 1 CHEM 1111 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1 & Placement Exam
Co-requisite: Chemistry DC

Course Description: General Chemistry Laboratory 1; Provides a basic laboratory experiment supporting theoretical principles presented in CHEM 1311; introduction of the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports.

Part 2 CHEM 1112

Course Description: General Chemistry Laboratory 2; Provides a basic laboratory experiment supporting theoretical principles presented in CHEM 1312; introduction of the scientific method, experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports.

- This course Service ID is Scientific Research and Design 2
- This course is required to be taken at the same time as Chemistry DC

Course Code: HC300DY1 **EPCC Course Code:** PHYS 1301, PHYS 1302 (SCI)
Long Name: Physics DC
EPCC Name: General Physics 1 & General Physics 2

Short Name: Physics DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03050000 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 PHYS 1301 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1 & Placement Exam
Co-requisite: Physics SRD DC

Course Description: General Physics 1; Provides the fundamental principles of physics, using algebra and trigonometry; the principles and application of classical mechanics and thermodynamics, including harmonic motion, physical systems, Newton's Laws of motion, and gravitation, and other fundamental forces; with emphasis on problem solving.

Part 2 PHYS 1302

Course Description: General Physics 2; Provides the fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, and optics, and modern physic topics; with emphasis on problem solving

- This course Service ID is Physics 1
- This course is required to be taken at the same time as Physics SRD DC

Course Code: HC460DY1 **EPCC Course Code:** PHYS 1101, PHYS 1102 (SCI)
Long Name: Physics SRD DC
EPCC Name: General Physics Laboratory 1 & General Physics Laboratory 2

Short Name: Physics SRD **Recommended Grade Placement:** 10- **1 college credits Per Sem & 1 H.S. credit**
Service Id: 13037220 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 PHYS 1101 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1 & Placement Exam
Co-requisite: Physics SRD DC

Course Description: General Physics Laboratory 1; Accompanies PHYS 1301, Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and application of classical mechanics and thermodynamics, including harmonic motion, physical systems, Newton's Laws of motion, and gravitation, and other fundamental forces; with emphasis on problem solving.

Part 2 PHYS 1102

Course Description: General Physics Laboratory 2; Accompanies PHYS 1302, Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, and optics, and modern physic topics; with emphasis on problem solving

- This course Service ID is Scientific Research and Design 3
- This course is required to be taken at the same time as Physics DC

Course Code:HC420DY1 **EPCC Course Code:** GEOL 1301, GEOL 1302 (SCI)
Long Name: ESS Geology DC
EPCC Name: Principles of Earth Science & Principles of Geology

Short Name: ESS Geology **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03060200 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 GEOL **Credit Per Part:** 0.5 **Prerequisite:** 3 units of Science 1 can be taken concurrently, 3 units of Math 1
1301 can be taken concurrently & Placement Exam
Co-requisite: Geology SRD DC

Course Description: Principles of Earth Science; Surveys geology, meteorology, oceanography, and astronomy.

Part 2 GEOL 1302

Course Description: Principles of Geology; Continues the study of geology, astronomy, meteorology, and oceanography

- This course Service ID is Earth and Space Science
 - This course is required to be taken at the same time as Geology SRD DC
-

Course Code:HC470DY1 **EPCC Course Code:** GEOL 1101, GEOL 1102 (SCI)
Long Name: Geology SRD DC
EPCC Name: Principles of Earth Science Laboratory & Principles
of Geology Laboratory

Short Name: Geology SRD **Recommended Grade Placement:** 10- **1 college credits Per Sem & 1 H.S. credit**
Service Id: 13037220 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 GEOL **Credit Per Part:** 0.5 **Prerequisite:** 3 units of Science 1 can be taken concurrently, 3 units of Math 1
1101 can be taken concurrently & Placement Exam
Co-requisite: ESS Geology DC

Course Description: Principles of Earth Science Laboratory; Accompanies GEOL 1301, Activities will cover methods used to collect and analyze data in geology, meteorology, oceanography, and astronomy.

Part 2 GEOL 1102

Course Description: Principles of Geology Laboratory; Accompanies GEOL 1302, Activities will cover methods used to collect and analyze data related to natural resources, hazards and climate variability.

- This course Service ID is Scientific Research and design 3
 - This course is required to be taken at the same time as ESS Geology DC
-

Course Code:HC410DY1 **EPCC Course Code:** (SCI)
Long Name: Astronomy DC
EPCC Name:

Short Name: Astronomy DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03060100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam
Co-requisite:

Course Description:

Part 2

Course Description:

- This course Service ID is Astronomy
-

Social Studies DC

[Return](#)

Course Code:HS200DY1 **EPCC Course Code:** HIST 2321, HIST 2322 (SS)
Long Name: W Hist DC

EPCC Name: World History to 1500 & World History 1500 to Present

Short Name: W Hist DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**

Service Id: 03340400 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 HIST 2321 Credit Per Part: 0.5 **Prerequisite:** Placement Exam

Course Description: Surveys the social, political, economic, cultural, religious, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. The course emphasizes the development, interaction, and impact of global exchange

Part 2 HIST 2322

Course Description: Surveys the social, political, economic, cultural, religious, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. The course emphasizes the development, interaction, and impact of global exchange

- This course Service ID is World History

Course Code:HS300DY1 **EPCC Course Code:** HIST 1301, HIST 1302 (SS)
Long Name: US Hist DC

EPCC Name: History of the United States to 1877 & History of the United States Since 1877

Short Name: US Hist DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**

Service Id: 03340100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 HIST 1301 Credit Per Part: 0.5 **Prerequisite:** Placement Exam

Course Description: Surveys 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.

Source:

Part 2 HIST 1302

Course Description: Surveys 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.

Source

- This course Service ID is U.S. History

Course Code:HS400DSH **EPCC Course Code:** GOVT 2305 (SS)
Long Name: US Govt DC
EPCC Name: American Government and Politics

Short Name: US Govt DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & .5 H.S. credit**
Service Id: 03330100 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 GOVT 2305 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: This course studies the 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.

- This course Service ID is U.S. Government
-

Course Code:HS410DSH **EPCC Course Code:** ECON 2301 (SS)
Long Name: Econ-FE DC
EPCC Name: Principles of Macro Economics

Short Name: Econ-FE DC **Recommended Grade Placement:** 10-12 **3 college credits Per Sem & .5 H.S. credit**
Service Id: 03310300 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 ECON 2301 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: This course studies the 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.

- This course Service ID is Economics with emphasis on the free enterprise system
-

Course Code:HS500DSH **EPCC Course Code:** PSYC 2301 (SS)
Long Name: Psych DC
EPCC Name: Introduction to Psychology

Short Name: Psych DC **Recommended Grade Placement:** 10-12 **3 college credits Per Sem & .5 H.S. credit**
Service Id: 03350100 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 PSYC 2301 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: Surveys the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.

- This course Service ID is Psychology
-

Course Code:HS510DSH **EPCC Course Code:** SOCI 1301 (SS)
Long Name: Sociology DC
EPCC Name Introductory Sociology

Short Name: Sociology DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & .5 H.S. credit**
Service Id: 03370100 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 SOCI 1301 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: This course introduces the scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Provides an analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance.

- This course Service ID is Sociology

Course Code:HS540DSH **EPCC Course Code:** GOVT 2306 (SS)
Long Name: St & Loc Gov DC
EPCC Name State And Local Government

Short Name: St & Loc Gov **Recommended Grade Placement:** 10- **3 college credits Per Sem & .5 H.S. credit**
Service Id: 03380042 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 GOVT 2306 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam or Engl 1301 with a C or Better

Course Description: This course studies the origin and development of the Texas Constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

- This course Service ID is Special Topics 4th time taken

Math DC

[Return](#)

Course Code:HM410DY1 **EPCC Course Code:** Math 1314, Math 2412 (Math)

Long Name: Pre Cal DC

EPCC Name: PreCalculus 1 college Algebra and Geometry & Precalculus 2

Short Name: Pre Cal DC **Recommended Grade Placement:** 10- **3 &4 college credits Per Sem & 1 H.S.**

Service Id: 03101100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 MATH 1314 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: Provides in-depth study and application 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.

Part 2 MATH 2412

Course Description: Continues MATH 1314. Studies trigonometry, trigonometric form of complex numbers, vectors, sequences, series, mathematical induction, conic sections, polar coordinates, and probability.

This course Service ID is Precalculus

Course Code:HM410DY1 **EPCC Course Code:** Math 2413, Math 2314 (Math)

Long Name: Calculus DC:Independent Study 1

EPCC Name: Calculus 1, Calculus 2

Short Name: Calc DC:IS 1 **Recommended Grade Placement:** 10- **3 &4 college credits Per Sem & 1 H.S.**

Service Id: 03101100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 MATH 2413 **Credit Per Part:** 0.5 **Prerequisite:** MATH 2412

Course Description: Presents limits continuity, differentiation, and integration of functions of a single variable.

Part 2 MATH 2314

Course Description: Continues MATH 2413. Presents the applications of the definite integral in geometry, special methods of integration, infinite series, and polar coordinates.

This course Service ID is Independent Study In Mathematics (First Time Taken)

Fine Arts DC

[Return](#)

Course Code: HA1A0DY1 **EPCC Course Code:** ARTS (FA)
Long Name: Art 1 DC
EPCC Name:

Short Name: Art 1 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03500100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 ARTS **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description:

Part 2

Course Description:

This course Service ID is Art 1

Course Code: HA1D0DY1 **EPCC Course Code:** DANC (FA)
Long Name: Dance 1 DC
EPCC Name:

Short Name: Dance 1 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03830100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 DANC **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description:

Part 2 DANC

Course Description:

This course Service ID is Dance 1

Course Code: HA4T0DY1 **EPCC Course Code:** DRAM (FA)
Long Name: Thtr 1 DC
EPCC Name:

Short Name: Thtr 1 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03830100 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 DRAM **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description:

Part 2 DRAM

Course Description:

This course Service ID is Dance 1

Course Code: HA4T0DY1 **EPCC Course Code:** DRAM (FA)
Long Name: Thtr 1 DC
EPCC Name:

Short Name: Thtr 1 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03830100 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 DRAM **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description:

Part 2 DRAM

Course Description:

This course Service ID is Dance 1

Course Code: HA1M0DY1 **EPCC Course Code:** MUSI1306 & (FA)
Long Name: Music Appreciation 1 DC
EPCC Name: Music Appreciation &

Short Name: Mus App 2 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03155600 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 MUSI 1306 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: Provides a foundation in the enjoyment and understanding of music through the use of recorded music and song literature. Examine elements of music and analysis of music form and design in relation to other subjects and activities.

Part 2 MUSI

Course Description:

This course Service ID is Music Studies, Music Appreciation 1

Course Code: HA2M0DY1 **EPCC Course Code:** (FA)
Long Name: Music Appreciation 2 DC
EPCC Name:

Short Name: Mus App 2 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03155700 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description:

Part 2

Course Description:

This course Service ID is Music Studies, Music Appreciation 2

LOTE DC

[Return](#)

Course Code: HF330DY1 **EPCC Course Code:** SPAN 2311 & SPAN 2312 (LOTE)
Long Name: Span 3 DC
EPCC Name: Intermediate Spanish 1 for non-Spanish Speakers
& Intermediate Spanish for non-Spanish Speakers 2
Short Name: Span 3 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03440300 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 SPAN 2311 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: Provides the consolidation of skills acquired at the introductory level. Further development of proficiency in listening, speaking, reading, and writing. Emphasizes comprehension, appreciation, and interpretation of the cultures of Spanish-speaking world.

Part 2 SPAN 2312

Course Description: Continues the consolidation of skills acquired at the introductory level. Further development of proficiency in listening, speaking, reading, and writing. Emphasizes comprehension, appreciation, and interpretation of the cultures of Spanish-speaking world.

This course Service ID is Spanish Level 3

Course Code: HF440DY1 **EPCC Course Code:** SPAN 2313 & SPAN 2315 (LOTE)
Long Name: Span 3 DC
EPCC Name: Intermediate Spanish 1 for Spanish Speakers &
Intermediate Spanish for Spanish Speakers 2
Short Name: Span 3 DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S. credit**
Service Id: 03440400 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): All Schools

Part 1 SPAN 2313 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: Builds upon existing oral proficiencies of heritage speakers of Spanish. Continues developing listening, speaking, reading and writing skills through analysis of literary and cultural texts and films. Grammar focuses on verb forms, accents, and spelling.

Part 2 SPAN 2315

Course Description: Continues SPAN 2313. Continues to build upon existing oral proficiencies of heritage speakers of Spanish. Continues developing listening, speaking, reading and writing skills through analysis of literary and cultural texts and films. Grammar focuses on verb forms, accents, and spelling.

This course Service ID is Spanish Level 4

SPEECH DC

[Return](#)

Course Code: HK330DSH **EPCC Course Code:** SPCH 1315 (Speech)
Long Name: Comm Apps DC
EPCC Name: Fundamentals of Effective Speech

Short Name: Comm Apps DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & .5 H.S. credit**
Service Id: 03241400 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 SPCH 1315 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: Studies the application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, basics of teamwork, and speech organization techniques to develop student's speaking abilities, as well as ability to effectively evaluate oral presentations.

- This course Service ID is Communication Application

College Transition

[Return](#)

Course Code: HZ420DSH **EPCC Course Code:** EDUC 1300 (Elective)
Long Name: College Transition
EPCC Name: Learning Framework

Short Name: CLGTRN DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & .5 H.S. credit**
Service Id: N1290050 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): All Schools

Part 1 EDUC 1300 **Credit Per Part:** 0.5 **Prerequisite:** Placement Exam

Course Description: The Learning Framework course provides the foundation for effective learning in Core Curriculum courses at El Paso Community College. It emphasizes the application of theoretical models of learning, cognition, and motivation and teaches skills needed for successful academic performance. Students will expand their knowledge of academic strategies; develop successful learning habits; identify personal learning styles, personality types, and career choices; apply learning strategies in various academic fields; develop critical thinking competencies; and enhance their use of computer technology. These skills will provide the basis for lifelong learning and for making education personally meaningful.

- This course Service ID is College Transition

Career and Technology DC



Architecture and Construction

[Return](#)

Course Code: HT3B0DY2 **EPCC Course Code:** INDS 1311 & INDS 1315 (Elective)

Long Name: Advanced Interior Design DC

EPCC Name: Fundamentals of Interior Design & Materials, Methods, and Estimating

Short Name: Adv Int Dsg DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S.**

Service Id: 13004400 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): EPHS

Part 1 INDS 1311 **Credit Per Part:** 1 **Prerequisite:** Placement Exam and Enrolled EPCC Recommended Geometry, Principles of Architecture and Construction, Interior Design, Architecture Design or Advanced Architectural Design.

Course Description: Provides an introduction to the elements and principles of design, the interior design profession, and the interior design problem solving process

Part 2 INDS 1315

Course Description: Studies materials, methods of construction and installation, and estimating for interior design applications, including window treatments, wallcovering and flooring.

- This course Service ID is Advanced Interior Design

Course Code: HT3B1DY2 **EPCC Course Code:** DFTG 1309 & DFTG 1317 (Elective)

Long Name: Advanced Architectural Design DC

EPCC Name: Basic CAD & Architectural Drafting-Residential

Short Name: Adv Arch Dsg **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S.**

Service Id: 13004700 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): CCTE & Burges

Part 1 DFTG **Credit Per Part:** .5 **Prerequisite:** Placement Exam and Enrolled EPCC Recommended Principles of Architecture and Construction and Architecture Design or Advanced Interior Design

Course Description: Introduces computer-aided drafting. Emphasizes setup; creating and modifying geometry; storing and retrieving predefined shapes; placing rotating, and scale objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.

Part 2 DFTG 1317

Course Description: Develops architectural drafting procedures, practices, terms, and symbols. Provides detailed working drawings for residential structures. Emphasizes light frame construction methods

- This course Service ID is Advanced Architectural Design

Course Code: HT4B2DY2 **EPCC Course Code:** DFTG 1309 & DFTG 1317 (Elective)
Long Name: Practicum in Architectural Design DC
EPCC Name: Basic CAD & Architectural Drafting-Residential

Short Name: Prac Arch Dsg **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S.**
Service Id: 1300400 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): CCTE

Part 1 DFTG 1309 **Credit Per Part:** .5 **Prerequisite:** Placement Exam and Enrolled EPCC Recommended completion of a coherent sequence in a program area related to a field of architectural design

Course Description: Introduces computer-aided drafting. Emphasizes setup; creating and modifying geometry; storing and retrieving predefined shapes; placing rotating, and scale objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.

Part 2 DFTG 1317

Course Description: Develops architectural drafting procedures, practices, terms, and symbols. Provides detailed working drawings for residential structures. Emphasizes light frame construction methods

- This course Service ID is Practicum Architectural Design
- This course gives same college credit as Advanced Architectural Design

Course Code: HT3B2DY2 **EPCC Course Code:** ELPT 1321 & DFTG 1313 (Elective)
Long Name: Electrical Technology DC
EPCC Name: Introduction to Electrical Safety and Tools & Drafting for Specific Occupations

Short Name: Elect Tech DC **Recommended Grade Placement:** 10- **3 college credits Per Sem & 1 H.S.**
Service Id: 13005600 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): CCTE

Part 1 ELPT 1321 **Credit Per Part:** .5 **Prerequisite:** Placement Exam and Enrolled EPCC Recommended Principles of Architecture and Construction.

Course Description: Provides a comprehensive overview of safety rules and regulations. Includes the selection, inspection, use, and maintenance of common tools for electricians. Emphasizes OSHA and NEC code compliance.

Part 2 DFTG 1313

Course Description: Discusses the theory and practice with drafting methods and the terminology required to prepare working drawings in specific or various occupational fields.

- This course Service ID is Electrical Technology

Course Code: HT4B3DY2 **EPCC Course Code:** ELPT 1341 & ELPT 1325 (Elective)
Long Name: Advanced Electrical Technology DC
EPCC Name: Motor Control & National Electrical Code 1

Short Name: Adv El Tech **Recommended Grade Placement:** 11- **3 college credits Per Sem & 1 H.S.**
Service Id: 13005700 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year

School (s): CCTE

Part 1 ELPT 1341 **Credit Per Part:** .5 **Prerequisite:** Placement Exam and Enrolled EPCC Recommended Electrical Technology

Course Description: Studies the operating principles of solid-state and conventional controls along with their practical applications. Includes topics on braking, jogging, plugging, safety interlocks, wiring and schematic diagram interpretations. Introduces starting and stopping circuits and variable frequency drives.

Part 2 ELPT 1325

Course Description: Introduces the study of the National Electric Code (NEC) for those employed in fields requiring knowledge of the code. Emphasizes wiring design, protection, methods, and materials; equipment for general use; and basic calculations. **Prerequisite: ELPT 1341**

- This course Service ID is Electrical Technology
-



Arts, Audio/Video Technology, and Communications DC

[Return](#)

Course Code: HT3C3DY2 **EPCC Course Code:** ARTC 1325 & ARTC 1353 (Elective)
Long Name: Graphic Design and Illustration DC
EPCC Name: Introduction to Computer Graphics & Computer Illustration

Short Name: Graphic DI DC **Recommended Grade Placement:** 11- **3 college credits Per Sem & 1 H.S.**
Service Id: 13008800 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:** Year
School (s): CCTE

Credit Per Part: .5 **Prerequisite:** Placement Exam and Enrolled EPCC. Recommended Principles of Arts, Audio/Video Technology, and Communications.

Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Articulated and Dual Credit courses will follow EPCC Course Syllabus. Articulated Course offered; student can request postsecondary credit with participating institutions [Transcript grade of 85 or better]. Dual Credit Course offered in conjunction with post-secondary institution [Must be accepted and enrolled with EPCC].

- This course Service ID is Graphic Design and Illustration

Course Code: HT3C4DY2 **EPCC Course Code:** FSHN 1311 (Elective)
Long Name: Advanced Fashion Design DC
EPCC Name: Garment Construction

Short Name: Adv Fshn Dsg **Recommended Grade Placement:** 11- **3 college credits Per Sem & 1 H.S.**
Service Id: 13009400 [TEKS](#) [EPPC Course Description](#) **GPA:** Tier 3/TIER 1-DC **Duration:** Year
School (s): CCTE

Credit Per Part: .5 **Prerequisite:** Fashion Design. Placement Exam and Enrolled EPCC.

Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of fashion, with emphasis on design and production. Articulated and Dual Credit courses will follow EPCC Course Syllabus

- This course Service ID is advanced Fashion Design
- Only 1 Semester is Dual Credit



Government and Public Administration

[Return](#)

Course Code: HT3G0DY2 **EPCC Course Code:** HMSY1337 & HMSY 1343 (Elective)

Long Name: National Security DC

EPCC Name Intro to Homeland Security & Weapons of Mass
Destruction

Short Name: National Sec

Recommended Grade Placement: 11-

3 college credits Per Sem & 1 H.S.

Service Id: 13018800

[TEKS](#) [EPCC Course Description](#)

GPA: TIER 1-DC

Duration: Year

School (s): CCTE

Credit Per Part: 1

Prerequisite: Placement Exam and Enrolled EPCC.

Description: National Security introduces the students to the aspects of disaster management. The course includes engaging simulation exercises related to natural disasters, man-made disasters, and terroristic events. Articulated and Dual Credit courses will follow EPCC Course Syllabus

- This course Service ID is National Security
-



Health Science DC

[Return](#)

Course Code: HT3H1DSH **EPCC Course Code:** HPRS 1205 (Elective)

Long Name: Principles of Health Science

EPCC Name: Essentials of Medical Law and Ethics for Health Professionals

Short Name: Prin HS DC

Recommended Grade Placement: 11-12

2 college credits Per Sem & .5 H.S. credit

Service Id: 13020200

[TEKS](#) [EPCC Course Description](#)

GPA: TIER 1-DC

Duration: Sem

School (s): CCTE/Austin

Credit Per Part: 1 **Prerequisite:** Placement Exam and Enrolled EPCC.

Description: 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. All students are required to become credentialed (background check, drug testing, fingerprinting and / or CPR Certification.) Articulated and Dual Credit courses will follow EPCC Course Syllabus.

- This course Service ID is Principles of Health Science

Course Code: HT3H2DSH **EPCC Course Code:** HPRS 1206 (Elective)

Long Name: Medical Terminology DC

EPCC Name: Medical Terminology

Short Name: Med Term DC

Recommended Grade Placement: 11-12

2 college credits Per Sem & .5 H.S. credit

Service Id: 13020300

[TEKS](#) [EPCC Course Description](#)

GPA: TIER 1-DC

Duration: Sem

School (s): CCTE/Austin

Credit Per Part: .5 **Prerequisite:** Placement Exam and Enrolled EPCC.

Description: This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Dual Credit courses will follow EPCC Course Syllabus.

- This course Service ID is Medical Terminology

Course Code: HT4H3DY2 **EPCC Course Code:** PTHA 1309 & HPRS 2332 (Elective)
Long Name: Practicum in Health Science 2 (Physical Therapy) DC
EPCC Name: Introduction to Physical Therapy & Health Care Communication
Short Name: Prac HS2 PTA DC **Recommended Grade Placement:** 11-12 **3 college credits Per Sem & 1 H.S. credit**
Service Id: 13020510 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** Sem
School (s): Silva

Credit Per Part: .5 **Prerequisite:** MATH 1314. Practicum Health Science 1

Description: 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. All students enrolled in HST will perform Clinical Rotations during their junior year. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. All students are required to become credentialed (background check, drug testing, fingerprinting and / or CPR Certification.) Dual Credit courses will follow EPCC Course Syllabus. Articulated Course offered; student can request post-secondary credit with participating institutions [Transcript grade of 85 or better]. Dual Credit Course offered in conjunction with Post-Secondary Institution [Must be accepted and enrolled with EPCC]. *Courses require concurrent enrollment.

- This course Service ID is Practicum Health Science 2

Course Code: HT3H5DY3 **EPCC Course Code:** VNSG 1323, VNSG 1402, VNSG 1160 & VNSG 1260 (Elective)
Long Name: Practicum in Health Science 1 (Voc Nursing Strand) DC
EPCC Name: Basic Nursing Skills, Applied Nursing Skills & Clinical Licensed Practical/Vocational Nurse Training
Short Name: Prac HS1 VN DC **Recommended Grade Placement:** 11-12 **10 college credits & 3 H.S. credit**
Service Id: 13020500 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:**
School (s): Silva

Credit Per Part: 1.5 **Prerequisite:** Recommended Health Science & Biology

Description: Students must be accepted and enrolled with EPCC in the VN program. 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. All students enrolled in HST will perform Clinical Rotations during their junior year. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. All students are required to become credentialed (background check, drug testing, fingerprinting and / or CPR Certification.) Dual Credit courses will follow EPCC Course Syllabus. Dual Credit Course offered in conjunction with Post-Secondary Institution.

- This course Service ID is Practicum Health Science 1
- VNSG 1323 & 1160 are Co-Requisites
- VNSG 1402 & 1260 are Co-Requisites

Course Code:HT4H5DY3 **EPCC Course Code:** VNSG 2413, VNSG 2214,VNSG 1161, VNSG 1163 & VNSG 1166 (Elective)
Long Name: Practicum in Health Science 2 (Voc Nursing Strand) DC
EPCC Name Applied Nursing Skills 2 & 3 & Clinical Licensed Practical/Vocational Nurse Training
Short Name: Prac HS2 VN DC **Recommended Grade Placement:** 11-12 **9 college credits & 3 H.S. credit**
Service Id: 13020510 [TEKS](#) [EPCC Course Description](#) **GPA:** TIER 1-DC **Duration:** 6 weeks
School (s): Silva

Credit Per Part: 1.5 **Prerequisite:** Recommended Health Science & Biology

Description: Students must be accepted and enrolled with EPCC in the VN program. 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. All students enrolled in HST will perform Clinical Rotations during their junior year. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. All students are required to become credentialed (background check, drug testing, fingerprinting and / or CPR Certification.) Dual Credit courses will follow EPCC Course Syllabus. Dual Credit Course offered in conjunction with Post-Secondary Institution.

- This course Service ID is Practicum Health Science 2
- VNSG 2413 & 1161 are Co-Requisites
- VNSG 2214, 1163 & 1166 are Co-Requisites

Course Code:HT5H0DY2

EPCC Course Code: EMSP 1501

(Elective)

Long Name: Practicum in Health Science 1 (EMT strand) DC

EPCC Name Emergency Medical Technician - Basic

Short Name: Prac HS1 EMT
DC

Recommended Grade Placement:
11-12

5 college credits & 2 H.S. credit

Service Id: 13020500

[TEKS](#) [EPPC Course Description](#)

GPA: TIER 1-DC

Duration:

School (s): CCTE

Credit Per Part: 1

Prerequisite: Placement Exam Recommended Health Science & Biology

Description: 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. All students enrolled in HST will perform Clinical Rotations during their junior year. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. All students are required to become credentialed (background check, drug testing, fingerprinting and / or CPR Certification.) Dual Credit courses will follow EPCC Course Syllabus. Dual Credit Course offered in conjunction with Post-Secondary Institution.

- This course Service ID is Practicum Health Science 1
- EMSP 1501 & 1160 are Co-Requisites

Course Code: HT5H1DY2 **EPCC Course Code:** EMSP 1160 (Elective)
Long Name: Practicum in Health Science 1 (EMT strand) DC
EPCC Name: Clinical- Emergency Medical Technology/Technician
 (EMT Paramedic 1)
Short Name: Prac HS1 EMT **Recommended Grade Placement:** **1 college credits & 2 H.S. credit**
 DC 11-12
Service Id: 13020500 [TEKS](#) [EPPC Course Description](#) **GPA:** TIER 1-DC **Duration:**
School (s): CCTE

Credit Per Part: 1 **Prerequisite:** Placement Exam Recommended Health Science & Biology

Description: 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. All students enrolled in HST will perform Clinical Rotations during their junior year. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. All students are required to become credentialed (background check, drug testing, fingerprinting and / or CPR Certification.) Dual Credit courses will follow EPCC Course Syllabus. Dual Credit Course offered in conjunction with Post-Secondary Institution.

- This course Service ID is Practicum Health Science 1
- EMSP 1501 & 1160 are Co-Requisites



Hospitality And Tourism DC

[Return](#)

Course Code:HT3I0DY2

EPCC Course Code: CHEF 1305 & 1301

(Elective)

Long Name: Culinary Arts DC

EPCC Name Sanitation and Safety & Basic Food Preparation

Short Name: Cul Arts 1 DC

Recommended Grade Placement:

6 college credits & 2 H.S. credit

11-12

Service Id: 13022600

[TEKS](#) [EPCC Course Description](#)

GPA: TIER 1-DC

Duration:

School (s): CCTE

Credit Per Part: 1

Prerequisite: Placement Exam

Description: 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, a Texas culinary specialist certification, or any other appropriate industry certification. This course may be offered as a laboratory-based or internship course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. Articulated and Dual Credit courses will follow EPCC Course Syllabus. Articulated Course offered; student can request post-secondary credit with participating institutions [Transcript grade of 85 or better]. Dual Credit Course offered in conjunction with Post-Secondary Institution [Must be accepted and enrolled with EPCC].

- This course Service ID is Culinary Arts 1
 - CHEF 1301 & 1305 are Co-Requisites
-

Advanced Placement (AP)

English AP

[Return](#)

Course Code: HE30GPY1 **Long Name:** English 3 AP (APENGLAN)
Short Name: Eng 3 AP **Recommended Grade Placement:** 11 **1 credit** **State**
Service Id: A3220100 [TEKS AP Language](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Successful Completion of English 2 or Pre-AP English 2

Course Description: Advanced Placement English Language and Composition is a challenging course encompassing an in-depth study of major American literary periods from 1600-1890 and incorporates the study of tone, rhetoric, diction, imagery, language, and syntax. Students produce comparison-contrast compositions, dialectical journals, and critical, literary, and causal analysis. Vocabulary development and word relationships are addressed in preparation for the PSAT. Timed writings in preparation for the AP English Language and Composition Test are also practiced. The curriculum is designed by each AP teacher and approved by the College Board.

Course Description: As a continuation of Advanced Placement English Language and Composition, students will study American literature from 1890 to the present, this course emphasizes multi-cultural, 20th century literature and includes the study of rhetoric, diction, imagery, language, and syntax. Students study and produce personal narratives, critical and literary analyses, discussion logs, and literary-based research papers. Students continue to prepare for the AP English Language and Composition Test. The curriculum is designed by each AP teacher and approved by the College Board.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
-

Course Code: HE4GGPY1 **Long Name:** Eng 4 Advanced Placement (APENGLIT)
Short Name: Eng 4 AP **Recommended Grade Placement:** 12 **1 credit** **State**
Service Id: A3220200 [TEKS AP English Lit and Comp](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Successful Completion of English 3, English 3 AP, or English 3 DC

Course Description: Advanced Placement English Literature and Composition engages students in an in-depth, accelerated, chronological study of British literary periods, students prepare for the Advanced Placement English Literature and Composition Test, which can provide college credit. Students enhance their writing skills by producing literary analyses and critical essays.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
-

Science AP

[Return](#)

Course Code: HC44GPY1 **Long Name:** Biology AP (Science)
Short Name: Biology AP **Recommended Grade Placement:** Grade 9, 10, or 11 **1.0** **STATE**
Service Id: A3010200 [TEKS](#) [AP Biology](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Biology and Chemistry.

Course Description: AP Biology is designed to be the equivalent of a college introductory biology course. The following themes are presented: molecules and cells, heredity and evolution; and organisms and populations. Selected labs will allow the students to practice and apply their knowledge of biology.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
-

Course Code: HC45GPY1 **Long Name:** ChemistryAP (Science)
Short Name: Chemistry AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3040000 [TEKS](#) [AP Chemistry](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Chemistry and Algebra 2

Course Description: AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
-

Course Code: HC330PY1 **Long Name:** Physics 1 AP (Science)
Short Name: Physics 1 AP **Recommended Grade Placement:** Grade 10, or 11 **1.0** **STATE**
Service Id: A3050003 [TEKS](#) [AP Physics 1](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Geometry and concurrently taking Algebra 2.

Course Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
-

Course Code: HC430PY1 **Long Name:** Physics 2 AP (Science)
Short Name: Physics 2 AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3050004 **TEKS** [AP Physics 2](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** AP Physics 1 taking or concurrently taking pre-calculus.

Course Description: AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HC462PY1 **Long Name:** Physics C AP (Science)
Short Name: Physics C AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3050002 **TEKS** [AP Physics C](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Taken or Concurrently Taking Calculus..

Course Description: AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HC43GPY1 **Long Name:** Environ Sci AP (Science)
Short Name: Environ Sci AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3020000 **TEKS** [AP Environmental Sci.](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Biology and Chemistry.

Course Description: 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.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Social Studies AP

[Return](#)

Course Code: HS10GPY1 **Long Name:** Hum Geo AP Social Studies
Short Name: Hum Geo **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
AP
Service Id: A3360100 [TEKS](#) [AP Human Geography](#) **Duration:** Year
School (s): Austin HS, Burges HS, Coronado HS, Irvin HS and all schools

Part 1/Part **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The AP Human Geography course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will focus on the five college-level goals that build on the National Geography Standards developed in 1994 and revised in 2012. The standards are interpreting maps and analyzing geospatial data, understanding and explaining the implications of associations and networks among phenomena in places, recognizing and interpreting the relationships among patterns and processes at different scales, defining regions and evaluating the regionalization process and characterizing and analyzing changing interconnections among places.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

Course Code: HS20GPY1 **Long Name:** W Hist AP Social Studies
Short Name: W Hist AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3370100 [TEKS](#) [AP World History](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

Course Code: HS30GPY1 **Long Name:** US Hist AP Social Studies
Short Name: US Hist AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3340100 [TEKS AP U.S. History](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: 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 student’s abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance – American and National 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.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

Course Code: HS40GPSH **Long Name:** US Govt AP Social Studies
Short Name: US Govt AP **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**
Service Id: A3330100 [TEKS AP U.S. Government](#) **Duration:** SM
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Recommended Prerequisite:** None

Course Description: 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.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

Course Code: HS42GPSH **Long Name:** Comp Gov AP Social Studies
Short Name: Comp Gov AP **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**
Service Id: A3330200 [TEKS AP Comparative Government](#) **Duration:** SM
School (s): Coronado HS and all schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The Comparative Government and Politics course introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

***This course may be used to meet only elective course requirements for state graduation.**

Course Code: HS41GPSH **Long Name:** Macro Econ AP Social Studies
Short Name: Macro Econ AP **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**

Service Id: A3310200 [TEKS](#) [AP Macro Economics](#) **Duration:** SM
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Recommended Prerequisite:** None

Course Description: 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 determination; 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.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

If Macroeconomics is used to meet the required course requirement for state graduation, Microeconomics may be used as a state-approved elective.

Course Code: HS43GPSH **Long Name:** Micro Econ AP Social Studies
Short Name: Micro Econ AP **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**

Service Id: A3310100 [TEKS](#) [AP Micro Economics](#) **Duration:** SM
School (s): All Schools

Part 1 **Credit Per Part:** 0.5 **Recommended Prerequisite:** None

Course Description: AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

If Microeconomics is used to meet the required course requirement for state graduation, Macroeconomics may be used as a state-approved elective.

Course Code: **Long Name:** US Euro AP Social Studies
Short Name: US Euro AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: A3340200 [TEKS](#) [AP European History](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: AP European History course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and process in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past.

Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.

Course Code: HS50GPSH **Long Name:** Psych AP Social Studies
Short Name: Psych AP **Recommended Grade Placement:** 9-12 **.5 credit** **STATE**
Service Id: A3350100 [TEKS AP Psychology](#) **Duration:** SM

School (s): Chapin, Franklin and all schools

Part 1 **Credit Per Part:** 0.5 **Recommended Prerequisite:** None

Course Description: The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

Math AP

[Return](#)

Course Code: HM511PY1 **Long Name:** Calc AB AP (Math)
Short Name: Calc AB AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3100101 **[TEKS](#) [AP Calculus AB](#)** **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Precalculus.

Course Description: 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.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HM512PY1 **Long Name:** Calc BC AP (Math)
Short Name: Calc BC AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3100102 **[TEKS](#) [AP Calculus BC](#)** **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Precalculus.

Course Description: AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. 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.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
- **Students may not take both the Calculus AB and Calculus BC Exams within the same year. A Calculus AB sub-score is reported based on performance on the portion of the Calculus BC Exam devoted to Calculus AB topics.**

Course Code: HM52GPY1 **Long Name:** Statistics AP (Math)
Short Name: Statistics AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3100200 [TEKS AP Statistics](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Algebra 2 and Geometry

Course Description: The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HM53GPY1 **Long Name:** CPU SCI AP (Math)
Short Name: CPU SCI AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3100200 [TEKS AP Computer Science](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Algebra 2

Course Description: AP computer science is equivalent to a first semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures) approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Fine Arts AP

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Course Code: HA3A0PY1 **Long Name:** Art Draw AP (Art)
Short Name: Art Draw AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3500300 **[TEKS](#) [AP Studio Art Drawing](#)** **GPA:** TIER 1-AP **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: AP Studio Art students work with diverse media, styles, subjects, and content. Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reflection, relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HA3A2PY1 **Long Name:** Art 2D Dsgn AP (Art)
Short Name: Art 2D Dsgn AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3500400 **[TEKS](#) [AP Studio Art 2D Design](#)** **GPA:** TIER 1-AP **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: AP Studio Art students work with diverse media, styles, subjects, and content. Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reflection, relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HA3A3PY1 **Long Name:** Art 3D Dsgn AP (Art)
Short Name: Art 3D Dsgn AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3500500 **[TEKS](#) [AP Studio Art 3D Design](#)** **GPA:** TIER 1-AP **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: AP Studio Art students work with diverse media, styles, subjects, and content. Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reflection, relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HA3AHPY1 **Long Name:** Art History AP (Art)
Short Name: Art Hist AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3500100 **TEKS** **AP Art History** **GPA:** TIER 1-AP **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The AP Art History course is equivalent to a two-semester introductory college course that explores the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artist, art making, responses to, and interpretations of art.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

Course Code: HA3M0PY1 **Long Name:** Mus Theory AP (Art)
Short Name: Mus Theory AP **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3150200 **TEKS** **AP Music Theory** **GPA:** TIER 1-AP **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended to be able to read and write musical notation

Course Description: AP Music Theory course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight singing, and harmony, are considered an important part of this course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**

LOTE) AP

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Course Code: HF442PY1 **Long Name:** French 4 AP **APFR LAN**
Short Name: French 4 AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3410100 **[TEKS AP French Language](#)** **GPA:** TIER 1 AP **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** French 3

This course prepares students for the College Board AP French Language and Culture examination, which consists of multiple-choice questions in reading and listening and free-response questions in writing and speaking. The AP French Language and Culture examination evaluates both understanding and the ability to respond to written and spoken French within six major cultural themes.

Part 2 **Credit Per Part:** 0.5

This course, taught entirely in the French language, refines skills in the French language through rigorous activities and experiences. It emphasizes the use of language for active communication and helps students develop the ability to understand spoken French in various contexts. There is a focus on developing a French vocabulary sufficiently ample for reading newspapers, magazine articles, literary texts, and other non-technical writings without dependence on a dictionary, and on the ability to communicate coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. Extensive training in the organization and writing of compositions is also emphasized. The scope and sequence of this course is taught as submitted by the individual instructor to and approved by the College Board.

Course Code: HF443PY1 **Long Name:** German 4 AP **APGR LAN**
Short Name: German 4 AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3420100 **[TEKS AP German Language](#)** **GPA:** TIER 1 AP **Duration:** Year
School (s): Andress, Chapin, Coronado, Franklin High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** German 3

This course, taught entirely in the German language, refines the proficiency level of listening and reading comprehension, speaking, and writing through rigorous activities and experiences equal to a third year college course. It emphasizes the use of language for active communication and helps students develop the ability to understand spoken German in various contexts. There is a focus on the development of a German vocabulary sufficiently ample for reading newspapers, magazine articles, literary texts, and other non-technical writings without dependence on a dictionary and on the ability to communicate coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken German. Extensive training in the organization and writing of compositions is also emphasized. The scope and sequence of this course is taught as submitted by the individual instructor to and approved by The College Board.

Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** None

This course prepares students for the College Board AP German Language and Culture examination, which consists of multiple choice questions on listening comprehension, vocabulary, structure, and reading comprehension, as well as free-response sections in written and spoken German that is centered on six major cultural themes.

Course Code: HF444PY1 **Long Name:** Japan 4 AP **APJAP LAN**
Short Name: Japan 4 AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3120400 **TEKS AP Japanese Language** **GPA:** TIER 1 AP **Duration:** Year
School (s): Coronado H.S.
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Japanese 3

This course will refine students' interpersonal communication skills, their abilities to present and interpret language in spoken and written forms, and their functional familiarity with Japanese culture. This course is taught almost entirely in the Japanese language.

Part 2

This course prepares students for the AP Japanese Language and Culture Exam. Oral and written tasks include topics from all previous level with more depth and are integrated with a wider array of communicative topics. A strong focus is placed on interpretive, interpersonal, and presentational communication skills in Japanese along with knowledge of Japanese culture. The scope and sequence of this course is taught as submitted by the individual instructor to and approved by The College Board.

Course Code: HF440PY1 **Long Name:** Span 4 AP **APSPALAN**
Short Name: Span 4 AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3440100 **TEKS AP Spanish Language** **GPA:** TIER 1 AP **Duration:** Year
School (s): All High Schools
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Spanish 3

This course, taught entirely in the Spanish language, refines the proficiency level of listening and reading comprehension, speaking, and writing in the formal and informal Spanish language through rigorous and substantial activities and experiences. The course incorporates an in-depth study of Hispanic language, cultures, history, literature, and idiomatic expressions to build a solid foundation for what is integral to the course: speaking skills and writing skills that demonstrate writing organizational skills, knowledge of an expanded vocabulary, correct grammar applications, and critical writing concepts, formats, and styles in finely drafted compositions.

Course Code: HF450PY1 **Long Name:** Span 5 AP **APSPALIT**
Short Name: Span 5 AP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: A3440200 **TEKS AP Spanish Literature** **GPA:** TIER 1 AP **Duration:** Year
School (s): All High Schools
Part 1 **Credit Per Part:** 0.5 **Recommended Prerequisite:** Spanish 4

This course consists of an in-depth study of 38 titles from 14th to 21st Century literary works as specified by The College Board. It includes rigorous studies of literary styles, philosophical trends, history and evolution of Hispanic literature, political and cultural influences on literature, poetic forms and styles, literary vocabulary, and numerous and rigorous activities that develop skills in interpreting and analyzing literature in conversational and written form. The scope and sequence of this course is taught as submitted by the individual instructor to and approved by The College Board.

International Baccalaureate
English Language Arts
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Course Code: HE10GKY1 **Long Name:** Eng 1 IBP **ENGLISH LA 9**
Short Name: Eng 1 IBP **Recommended Grade Placement:** 9 **1 credit** **State**
Service Id: 3220100 **2012 Course Code:** E30310 **GPA:** TIER 2-PAP **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** IB Diplomas Programme admission and/or Teacher Approval

Course Description: Pre-IB courses are introductory courses meant to prepare students for the level of work they will encounter in even more rigorous IB classes as well as to compete in college at the international level. Writing assignments will be many and will focus on the critical analysis of literature, including expository essays. This does not mean that creative writing will cease to exist; it will simply be limited in scope. The desired goals are the honest and effective use of language and the organization of ideas in a clear, coherent, and persuasive way.

Course Code: HE20GKY1 **Long Name:** Eng 2 IBP **ENGLISH LA 10**
Short Name: Eng 2 IBP **Recommended Grade Placement:** 10 **1 credit** **State**
Service Id: 3220200 **2012 Course Code:** E32510 **GPA:** TIER 2 IBP **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** IB-Prep HE20GKY1, IB Diplomas Programme admission and/or Teacher Approval

Course Description: The course is designed to challenge students to integrate new information and skills into their previous knowledge base. Coronado IB-Prep program students are expected to come to sophomore English with a strong base of knowledge and skills; it is upon this base that 10th grade English will build. Students will focus on improving reading, language, and analytical skills through close reading and interaction with poetry, prose, drama, video, and audio materials. Students will also be encouraged to see connections between literature, history, and life through cultural literacy notes, discussion, and analysis. Tenth-grade IB-Prep writing revolves around analysis, exposition, argumentation, and personal writing which will acquaint students with many common writing styles and expose them to various ideas and sources. Furthermore, students will be expected to use proper citation format as noted by the Modern Language Association (MLA). In the effort to further vocabulary development, students will engage in a variety of texts from various sources and work almost weekly with SAT terms during a portion of the fall semester. Additionally, students will further their social and cooperative skills through periodic group work and presentations. Overall, students should expect a challenging curriculum consisting of copious reading, annotating, writing, analyzing, evaluating, and synthesizing. All of these components are designed to prepare students for the rigors of IB English III. The hopeful outcome of this course is the continued success of the students as they work toward IB classes, college careers, and meaningful lives.

Course Code: HE30GIY1 **Long Name:** Eng 3 IB **ENGLISH LA**
Short Name: Eng 3 IB **Recommended Grade Placement:** **1 credit**
Service Id: 0 **2012 Course Code:** E381I0 **GPA:** TIER 1-IB **Duration:** Year
School (s): All Schools
Part 1 Credit Per Part: 0.5 **Recommended Prerequisite:**
Course Description:
Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:**

Course Code: HE40GIY1 **Long Name:** Eng 4 IB **ENGLISH LA**
Short Name: Eng 4 IB **Recommended Grade Placement:** **1 credit**
Service Id: 0 **2012 Course Code:** E383I0 **GPA:** TIER 1-IB **Duration:** Year
School (s): All Schools
Part 1/Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:**
Course Description:

Course Code: HE4IGKSH **Long Name:** Theory 2 IB **ENGLISH LA**
Short Name: Theory 2 IB **Recommended Grade Placement:** **0 credit**
Service Id: 0 **2012 Course Code:** **GPA:** TIER 1-IB **Duration:** SM
School (s): All Schools
Part 1 Credit Per Part: 0.5 **Recommended Prerequisite:**
Course Description:

Course Code: HE3IGKSH **Long Name:** Theory 1 IB **ENGLISH LA**
Short Name: Theory 1 IB **Recommended Grade Placement:** **0 credit**
Service Id: 0 **2012 Course Code:** **GPA:** TIER 1-DC **Duration:** SM
School (s): All Schools
Part 1 Credit Per Part: 0.5 **Recommended Prerequisite:**
Course Description:
Part 2 Credit Per Part: 0 **Recommended Prerequisite:**

Course Code: HJ120IY1 **Long Name:** IB Digital Design and Media **(TADGDMP)**
Short Name: IB **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03580400 **2012 Course Code:** **GPA:** TIER 1-IB **Duration:** Year
School (s): Coronado High School
Part 1/Part Credit Per Part: **Recommended Prerequisite:**

Description: Students learn the principles of layout and design, using print and publishing industry standard software. They gain experience in designing pages for print and online publications. Students become proficient in programs such as Adobe InDesign, Adobe Illustrator, Adobe Photoshop, Adobe Bridge, Adobe Dreamweaver, Adobe Flash, WordPress.

HJ120IY1 qualifies for the EPISD Technology requirement.

Course Code: Long Name: W Geo IBP Social Studies
Short Name: W Geo IBP **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 3320100 **2012 Course Code:** S105I0 **Duration:** Year

School (s): Coronado HS

Part 1/ Part Credit Per Part: 0.5 **Recommended Prerequisite:** None

Course Description: This course integrates both physical and human geography, and ensures that students acquire elements of both scientific and socio-economic methodologies. Geography takes advantage of its position to examine relevant concepts and ideas from a wide variety of disciplines. This helps students develop an appreciation of, and a respect for, alternative approaches, viewpoints and ideas. The geography course embodies global and international awareness in several distinct ways. It examines key global issues, such as poverty, sustainability and climate change. It considers examples and detailed case studies at a variety of scales, from local to regional, national and international. The aims of the geography syllabus are to develop an understanding of the interrelationships between people, places, spaces and the environment. Students will also develop a concern for human welfare and the quality of the environment, and an understanding of the need for planning and maintaining sustainable management of the aforementioned subjects. Students will analyze contemporary issues and challenges, and develop a global perspective of diversity and change. Throughout the course, there is considerable flexibility in the choice of examples and case studies to ensure that the geography course is a highly appropriate way to meet the needs of all students.

Source:[http://occ.ibo.orgTexas Administrative Code \(TAC\), Title 19, Part II Chapter 113. Subchapter D](http://occ.ibo.orgTexas Administrative Code (TAC), Title 19, Part II Chapter 113. Subchapter D)

Course Code: Long Name: IB LOTE Level 4 -German IBGER 4
Short Name: GERMAN 2 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: I3220400 **2012 Course Code:** GPA: TIER 3 **Duration:** Year

School (s): Andress, Chapin, Coronado, Franklin High Schools

Part 1 Credit Per Part: 0.5 **Recommended Prerequisite:** HF330QY1

This course, taught entirely in the German language, refines the proficiency level of listening and reading comprehension, speaking, and writing through rigorous activities and experiences equal to a third year college course. It emphasizes the use of language for active communication and helps students develop the ability to understand spoken German in various contexts. There is a focus on the development of a German vocabulary sufficiently ample for reading newspapers, magazine articles, literary texts, and other non-technical writings without dependence on a dictionary and on the ability to communicate coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken German.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:**

Extensive training in the organization and writing of compositions is also emphasized. The scope and sequence of this course is taught as specified for International Baccalaureate students.

Course Code: Long Name: IB LOTE Level 4-French IB FREN 4
Short Name: IB FREN **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: I3410400 **2012 Course Code:** F265I0 **GPA:** TIER 3 **Duration:** Year

School (s): Coronado HS

Part 1 Credit Per Part: 0.5 **Recommended Prerequisite:** IB Program Only

This course, taught entirely in the French language, refines skills in the French language through rigorous activities and experiences. It emphasizes the use of language for active communication and helps students develop the ability to understand spoken French in various contexts. There is a focus on developing a French vocabulary sufficiently ample for reading newspapers, magazine articles, literary texts, and other non-technical writings without dependence on a dictionary, and on the ability to communicate coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. Extensive training in the organization and writing of compositions is also emphasized.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** IB Program Only

The scope and sequence of this course is taught as specified for International Baccalaureate students.

Course Code:	Long Name: IB LOTE Level 4 - Spanish	IBSPAN 4
Short Name: IBSPAN 4	Recommended Grade Placement: 9-12	1.0 STATE
Service Id: I3440400	2012 Course Code: F185I0	GPA: TIER 3
School (s): Coronado HS		Duration: Year

Part 1 Credit Per Part: 0.5 **Recommended Prerequisite:** HF330QY1

This course, taught entirely in the Spanish language, refines the proficiency level of listening and reading comprehension, speaking, and writing in the formal and informal Spanish language through rigorous and substantial activities and experiences. The course incorporates an in-depth study of Hispanic language, cultures, history, literature, and idiomatic expressions to build a solid foundation for what is integral to the course: speaking skills and writing skills that demonstrate writing organizational skills, knowledge of an expanded vocabulary, correct grammar applications, and critical writing concepts, formats, and styles in finely drafted compositions.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** None

Extensive training in the organization and writing of compositions is also emphasized. The scope and sequence of this course is taught as specified for International Baccalaureate students. A strong focus is also placed on refining the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the target language.

GT Independent study

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Course Code: HS150GY1 **Long Name:** GT:IS 1 Elective
Short Name: GT:IS 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: N1290309 **Innovative Course** **Duration:** Year
School (s): all schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The student will participate in independent research; and become responsible for his or her own learning. The student may choose to work on a project that requires oversight and advice from a professional in the field. However, the product may be completed through an independent study and not be under the direction of a mentor. The scope and complexity of the student's work will be expected to be at a level of "professional quality". Students will conduct in-depth research, prepare or work towards an end product, and present their findings to appropriate audiences. Students, working independently or in collaboration, will investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Topics will vary upon approval of a mentor teacher assigned to work with the student.

Course Code: HS260GY1 **Long Name:** GT:IS 2 Elective
Short Name: GT:IS 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: N1290313 **Innovative Course** **Duration:** Year
School (s): all schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The student will participate in independent research; and become responsible for his or her own learning. The student may choose to work on a project that requires oversight and advice from a professional in the field. However, the product may be completed through an independent study and not be under the direction of a mentor. The scope and complexity of the student's work will be expected to be at a level of "professional quality". Students will conduct in-depth research, prepare or work towards an end product, and present their findings to appropriate audiences. Students, working independently or in collaboration, will investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Topics will vary upon approval of a mentor teacher assigned to work with the student.

Course Code: HS360GY1 **Long Name:** GT:IS 3 Elective
Short Name: GT:IS 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: N1290317 **Innovative Course** **Duration:** Year
School (s): all schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The student will participate in independent research; and become responsible for his or her own learning. The student may choose to work on a project that requires oversight and advice from a professional in the field. However, the product may be completed through an independent study and not be under the direction of a mentor. The scope and complexity of the student's work will be expected to be at a level of "professional quality". Students will conduct in-depth research, prepare or work towards an end product, and present their findings to appropriate audiences. Students, working independently or in collaboration, will investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Topics will vary upon approval of a mentor teacher assigned to work with the student.

Course Code: Long Name: GT:IS 4 Elective
Short Name: GT:IS 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: N1290318 **Innovative Course** **Duration:** Year
School (s): all schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The student will participate in independent research; and become responsible for his or her own learning. The student may choose to work on a project that requires oversight and advice from a professional in the field. However, the product may be completed through an independent study and not be under the direction of a mentor. The scope and complexity of the student's work will be expected to be at a level of "professional quality". Students will conduct in-depth research, prepare or work towards an end product, and present their findings to appropriate audiences. Students, working independently or in collaboration, will investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Topics will vary upon approval of a mentor teacher assigned to work with the student.

Fine Arts

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Course Code: HA1A00Y1 **Long Name:** Art 1, Art Appreciation Fine Arts
Short Name: Art 1 Art App **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500110 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Art 1, Art Appreciation, students will be introduced variety media, concepts and techniques. This will include elements and principles of design, sequential techniques with drawing, painting, printmaking, lowrelief sculpture, ceramics and digital media. As an introductory course students practice skills, explore historical and cultural relevance, gain an understanding of creative expression and learn to respond and evaluate artwork through close observation using critical thinking.

Course Code: HA1AC0Y1 **Long Name:** Art and Media Comm1 Fine Arts
Short Name: Art 1
Media Comm **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500120 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Art and Media Communications combines modern visual art and design skills with student learning in media literacy and technology applications. Creation and analysis of student artworks will be balanced with explorations into contemporary practices across the visual and commercial arts fields.

Course Code: HA2A00Y1 **Long Name:** Art 2 Fine Arts
Short Name: Art 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art II is designed to continue a sequential study of drawing, color theory, painting, printmaking, technology and three-dimensional studies. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Computer-manipulated works are incorporated into the curriculum. Pre requisites: One full credit of Art 1

Course Code: HA2A20Y1 **Long Name:** Art 2, Digital Art and Media 1 Fine Arts
Short Name: Art 2 DGT A&M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501220 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art2, Digital Art and Media Students will learn how to bridge traditional hand skills with current technology applications to create new media such as animations, digital images, multimedia presentation, digital video, websites, and interactive or site-based installations and performances. PR: Art1

Course Code: HA2AC0Y1 **Long Name:** Art 2, Media Comm II Fine Arts
Short Name: Art 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501230 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1 Media Comm 1

Course Description: Art 2 and Media Communications II builds upon the foundational skills taught in the Art and Media Communications I survey course and provides opportunities for students to apply knowledge of contemporary visual art and design practices with greater depth and complexity. Hands-on, experiential learning in visual art is interwoven with technology applications, media literacy, and the 21st century skills as students explore participatory media and the practice of trans media storytelling. Students learn how new media such as digital imagery, multimedia presentations, web videos, online and social media, virtual worlds, game designs, and animations intersect with contemporary art. Students create a large-scale, collaborative artwork and then contextualize and promote it through media extensions that produce immersive stories aimed at engaging audiences. By creating trans media stories about their installation, students expand both personal and collective narratives, deepen creative research skills, gain insight into messaging platforms, and build communities of interest.

Course Code: HA2AD0Y1 **Long Name:** Art 2 Drawing 1 Fine Arts
Short Name: Art 2 Drawing 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art 2 Drawing 1, is designed to continue a sequential study of drawing, color theory, through printmaking, technology and three-dimensional studies. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Computer-manipulated works may be incorporated into the curriculum. Pre prerequisite: One full credit of Art 1

Course Code: HA2AP0Y1 **Long Name:** Art 2 Painting 1 Fine Arts
Short Name: Art 2 Painting 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500600 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art 2 Painting 1, is designed to continue a sequential study of painting, color theory and diverse painting techniques in a range of mediums. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Pre requisites: Art 1

Course Code: HA2AS0Y1 **Long Name:** Art 2 Sculpture 1 Fine Arts
Short Name: Art 2 Sculp1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501000 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: [Art 2 Sculpture1](#), is designed to continue a sequential study of three dimensional form, and develop mastery on diverse sculpture techniques in a range of mediums. 3 Dimensional work will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Pre requisites: One full credit of Art 1

Course Code: HA2AZ0Y1 **Long Name:** Art 2 Design 1 Fine Arts
Short Name: Art 2 Design 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501210 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art 2 Design 1, is constructed to continue a sequential study of design, color theory, commercial and formal design, technology and 2D/3D-dimensional studies. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Computer-manipulated works are incorporated into the curriculum. PR: Art1

Short Name: Art 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 2

Course Description: Art 3, will provide in-depth compositional studies in drawing and painting. Drawing studies will emphasize advanced life drawing techniques. Painting emphasis may be on techniques of watercolor and mixed media, plus relating art history to periods of drawing and painting. Students will also experience printmaking, technology, sculpture, and ceramics. Ceramics and sculpture will emphasize complex combinations of hand built techniques. Computer manipulated works are incorporated into the curriculum. Pre requisites: One full credit of Art 1 and one full credit of Art 2.

Course Code: HA3A20Y1 **Long Name:** Art 3, Digital Art and Media 2 Fine Arts
Short Name: Art 3 DGT A&M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03502220 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 2, Digital Art and Media 1

Course Description: Art 3, Digital Art and Media 2 provides digital art and media activities on a more advanced level than those of the preceding two years. Emphasis continues to be placed on understanding and recognition of art styles and the significance and values of art as a means of expression. Extended creativity and portfolio development is emphasized in hands-on, experiential learning in visual art is interwoven with technology applications, media literacy. Students document their work in a professional-level digital portfolio that can be used in applications.

PR: Art 2, Digital Art and Media 1

Course Code: HA3AD0Y1 **Long Name:** Art 3 Drawing 2 Fine Arts
Short Name: Art 3 Drawing 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 2 Drawing 1

Course Description: Art 3 Drawing 2, is an advanced drawing studio course with emphasis on drawing, in methods such as graphite, charcoal, painting, and printmaking. Curriculum will provide in-depth compositional studies in drawing techniques. Drawing studies will emphasize advanced life drawing techniques, mixed media, plus relating art history to periods of drawing. Students will also experience through printmaking and technology. Computer manipulated works are incorporated into the curriculum. Students will compile digital portfolios that follow the current College Board requirements. Pre requisites: One full credit of Art 1 and one full credit of Art 2.

Course Code: HA3AP0Y1 **Long Name:** Art 3 Painting 2 Fine Arts
Short Name: Art 3 Painting 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 2 Painting 1

Course Description: Art 3 Painting 2, is an advanced painting studio course with emphasis on diverse Painting methods such as acrylics, oils, watercolors, mixed media and experimental techniques with digital technology. Curriculum will provide in-depth compositional studies in all painting techniques. Painting studies will emphasize traditional and formal painting techniques, mixed media, plus relating art history to periods of painting. Students will also experience contemporary painting techniques by the use of printmaking and technology. Computer manipulated works are incorporated into the curriculum. Students will compile digital portfolios that follow the current College Board requirements. Pre requisites: One full credit of Art 1 and one full credit of Art 2.

Course Code: HA3AS0Y1 **Long Name:** Art 3 Sculpture 2 Fine Arts
Short Name: Art 3 Sculp2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03501900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 2 Sculpture 1

Course Description: [Art3 Sculpture 2](#) will emphasis on advanced sculpture, ceramics, and three-dimensional design. Ceramics and sculpture lessons will explore complex combinations of hand built techniques. Students will also experience contemporary sculpture techniques by the use of 3D printers and digital technology 3D design . Computer manipulated works may be incorporated into the curriculum. Students will compile digital portfolios that follow the current College Board requirements. Pre requisites: One full credit of Art 1 and one full credit of Art 2.

Course Code: HA3AZ0Y1 **Long Name:** Art 3 Design 2 Fine Arts
Short Name: Art 3 Design 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03502210 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 2 Design 1

Course Description: [Art3 Design 2](#) Emphasis will be on advanced 2- D design, color study, and digitally created art. Design Studies will emphasize traditional and contemporary 2D and 3D Design techniques through formal skills, mixed media, plus relating art history to periods of Design. Students will compile digital portfolios that follow current College Board requirements.

Course Code: HA4A00Y1 **Long Name:** Art 4 Fine Arts
Short Name: Art 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 3

Course Description: Art IV is an advanced course based on the experiences and skills developed in the first three years. It provides background preparation for students who may wish to major in art in college. Projects are individualized to accommodate students' desires to further explore media and ideas of their own choice. Student portfolios are developed extensively. PR: Art 1, Art2, Art3

Course Code: HA4A20Y1 **Long Name:** Art 4, Digital Art and Media 3 Fine Arts
Short Name: Art 4 DGT A&M 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03503220 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 3, Digital Art and Media 2

Course Description: The Art 4 Digital Art and Media 3 curriculum is designed to spiral and expand the previous 3 years of Art and Design in the digital media curriculum. The course work follows the College Board outlines for Advanced Placement Portfolios. Students will apply the elements and principles of art in all composition to a greater proficiency than other Art digital media students. Furthermore, student work will culminate in a capstone project that investigates an issue relevant to the student and uses art, design, and visual communications to address a problem within the community or effect change. This project will afford students an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and connect an online community to their project.
PR: Art1 Art2, Art3

Course Code: HA4AD0Y1 **Long Name:** Art 4 Drawing 3 Fine Arts
Short Name: Art 4 Drawing 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03502300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 3 Drawing 2

Course Description: The Art 4 Drawing 3 curriculum is designed to spiral and expand the previous 3 years of Art Drawing curriculum. The course work follows the College Board outlines for Advanced Placement Portfolios. Students will apply the elements and principles of art in all composition to a greater proficiency than other Art Drawing students. Students document their work in a professional-level digital portfolio. PR: Art1 Art2, Art3

Course Code: HA4AP0Y1 **Long Name:** Art 4 Painting 3 Fine Arts
Short Name: Art 4 Painting 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03502400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 3 Painting 2

Course Description: The Art 4 Painting 3 curriculum is designed to spiral and expand the previous 3 years of Art painting curriculum. The course work follows the College Board outlines for Advanced Placement Portfolios. Students will apply the elements and principles of art in all composition to a greater proficiency than other Art Painting students. Students document their work in a professional-level digital portfolio. PR: Art1 Art2, Art3

Course Code: HA4AS0Y1 **Long Name:** Art 4 Sculpture 3 Fine Arts
Short Name: Art 4 Sculp3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03502800 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 3 Sculpture 2

Course Description: The Art 4 Sculpture 3 curriculum is designed to spiral and expand the previous 3 years of Art 3D curriculum. The course work follows the College Board outlines for Advanced Placement Portfolios. Students will apply the elements and principles of art in all composition to a greater proficiency than other Art Sculpture students. Students document their work in a professional-level digital portfolio. PR: Art1 Art2, Art3

Course Code: HA4AZ0Y1 **Long Name:** Art 4 Design 3 Fine Arts
Short Name: Art 4 Design 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03503210 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 3 Design 2

Course Description: The Art4 Design 3 curriculum is designed to spiral and expand the 2D Art Design curriculum of the past 3 years. The course work follows the College Board outlines for Advanced Placement Portfolios. Students will apply the elements and principles of art in all composition to a greater proficiency than other Art Design students. Students document their work in a professional-level digital portfolio. PR: Art1, Art2, Art3

Course Code: HA1B00Y1 **Long Name:** Band 1 Fine Arts
Short Name: Band 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn to read music literature and apply their knowledge and skills to developing proficiency on a chosen instrument. Students independently read new materials and sing and/or play them. Technical expectations include performing scales from memory; reading and playing music with dotted eighth and sixteenth notes, syncopation, compound and asymmetrical meters; and performing assigned parts in moderately easy to moderately difficult literature.

Course Code: HA1BD0Y1 **Long Name:** Band Drill FA 1 Fine Arts

Short Name: Band Drill FA 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03150100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn to read music literature and apply their knowledge and skills to developing proficiency on a chosen instrument. Students independently read new materials and sing and/or play them. Technical expectations include performing scales from memory; reading and playing music with dotted eighth and sixteenth notes, syncopation, compound and asymmetrical meters; and performing assigned parts in moderately easy to moderately difficult literature

Course Code: HA1B0Y1 **Long Name:** Instrumental Band Ensemble 1 Fine Arts

Short Name: Band Ensemble 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03151700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students perform literature composed for a variety of instrumental and vocal combinations including trios, quartets, quintets, sextets, septets, mariachi, and ensemble. They build a repertoire that reflects the diversity of literature. They develop independence and leadership skills that are not as easily attained in larger groups. Participation in a variety of different instrumental chamber groups expands students' musical horizons.

Course Code: HA1BM0Y1 **Long Name:** March Band FA 1 Fine Arts

Short Name: March Band FA **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03151700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn to read music literature and apply their knowledge and skills to developing proficiency on a chosen instrument. Students independently read new materials and sing and/or play them. Technical expectations include performing scales from memory; reading and playing music with dotted eighth and sixteenth notes, syncopation, compound and asymmetrical meters; and performing assigned parts in moderately easy to moderately difficult literature.

Course Code: HA1BP0Y1 **Long Name:** March Band PE 1 Fine Arts
Short Name: March Band PE **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00012 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn to read music literature and apply their knowledge and skills to developing proficiency on a chosen instrument. Students independently read new materials and sing and/or play them. Technical expectations include performing scales from memory; reading and playing music with dotted eighth and sixteenth notes, syncopation, compound and asymmetrical meters; and performing assigned parts in moderately easy to moderately difficult literature.

Course Code: HA2B00Y1 **Long Name:** Band 2 Fine Arts
Short Name: Band 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Band 1

Course Description: The class focus is on student performance as part of a band. As students gain greater independence in lines of their score, they recognize that an increased understanding of the complexity of rhythmic and harmonic concepts is necessary. They understand each part separately and as an integral component of the whole composition.

Course Code: HA2BD0Y1 **Long Name:** Band Drill FA 2 Fine Arts
Short Name: Band Drill FA 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Band Drill FA 1 or Band 1

Course Description: The class focus is on student performance as part of a band. As students gain greater independence in lines of their score, they recognize that an increased understanding of the complexity of rhythmic and harmonic concepts is necessary. They understand each part separately and as an integral component of the whole composition

Course Code: HA2IB0Y1 **Long Name:** Instrumental 2 Band Ensemble Fine Arts
Short Name: Band Ensemble 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151800 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instrumental 1 Band Ensemble

Course Description: Within the class format, students perform music by memory and notation, and they are part of more than one ensemble group. Students' individualism and independence are demonstrated through their preparation (writing and arrangement) of music for performance. Students gain greater depth of knowledge, independence, and personal and musical skills.

Course Code: HA2BM0Y1 **Long Name:** March Band FA 2 Fine Arts
Short Name: March Band FA **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151800 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** March Band 1

Course Description: The class focus is on student performance as part of a band. As students gain greater independence in lines of their score, they recognize that an increased understanding of the complexity of rhythmic and harmonic concepts is necessary. They understand each part separately and as an integral component of the whole composition.

Course Code: HA2BP0Y1 **Long Name:** March Band PE 2 Fine Arts
Short Name: March Band PE **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00012 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** March Band 1

Course Description: The class focus is on student performance as part of a band. As students gain greater independence in lines of their score, they recognize that an increased understanding of the complexity of rhythmic and harmonic concepts is necessary. They understand each part separately and as an integral component of the whole composition.

Course Code: HA3B00Y1 **Long Name:** Band 3 Fine Arts
Short Name: Band 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Band 2

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythm and meter. Chordal structure is expanded with music that includes atonality and freely composed segments representative of diverse styles of modern composition.

Course Code: HA3BD0Y1 **Long Name:** Band Drill FA 3 Fine Arts
Short Name: Band Drill FA 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Band Drill FA 2 or Band 2

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythm and meter. Chordal structure is expanded with music that includes atonality and freely composed segments representative of diverse styles of modern composition.

Course Code: HA3IB0Y1 **Long Name:** Instrumental Band 3 Fine Arts
Short Name: Band Ensemble 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instrumental Band 2

Course Description: Students exhibit accurate intonation and rhythm, fundamental skills, and advanced techniques using literature ranging from moderately difficult to difficult, performing alone and in ensemble. They demonstrate comprehension of musical styles by seeking appropriate literature for performance. They expressively perform, from memory and notation, a varied repertoire representing styles of diverse cultures. They are familiar with small- and large-ensemble performance techniques.

Course Code: HA3BM0SH **Long Name:** March Band FA 3 Fine Arts
Short Name: March Band FA **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** March Band 2

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythm and meter. Chordal structure is expanded with music that includes atonality and freely composed segments representative of diverse styles of modern composition.

Course Code: HA3BP0SH **Long Name:** March Band PE 3 Fine Arts
Short Name: March Band PE **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00012 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** March Band 2

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythm and meter. Chordal structure is expanded with music that includes atonality and freely composed segments representative of diverse styles of modern composition.

Course Code: HA4B00Y1 **Long Name:** Band 4 Fine Arts
Short Name: Band 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Band 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA4BD0Y1 **Long Name:** Band Drill FA 4 Fine Arts
Short Name: Band Drill FA 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150400 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Band Drill FA 3 or Band 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA4IB0Y1 **Long Name:** Instrumental 4 Band Ensemble Fine Arts
Short Name: Band Ensemble 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150400 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instrumental 3 Band Ensemble

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA4BM0SH **Long Name:** March Band FA 4 Fine Arts
Short Name: March Band FA **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152000 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** March Band 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA4BP0SH **Long Name:** March Band PE 4 Fine Arts
Short Name: March Band PE **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00012 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** March Band 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA1C00Y1 **Long Name:** Choir 1 Fine Arts
Short Name: Choir 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn music literature and apply knowledge and skills to developing proficiency in choir. Students sing new material that they have read independently. Technical expectations include expansion of reading material to the major keys of C, F, G, D, B-flat and relative minors; reading simple and compact meters and asymmetric rhythms including sixteenth notes; listening to and performing three-part and fourpart literature; developing vocal and choral techniques such as vowel production, expansion of vocal range, intonation awareness, balance, and blend; and expressive singing and stylistic representation.

Course Code: HA1V00Y1 **Long Name:** Vocal 1 ENS Fine Arts
Short Name: Vocal 1 ENS **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students perform literature composed for a variety of instrumental and vocal combinations including trios, quartets, quintets, sextets, septets, madrigal, and show choirs. They build a repertoire that reflects the diversity of chamber literature.

Course Code: HA2C00Y1 **Long Name:** Choir 2 Fine Arts
Short Name: Choir 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151000 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Choir 1

Course Description: Classes focus on student vocal performance as part of an ensemble. As students gain greater independence in lines of their score, they recognize that a greater understanding of the complexity of rhythmic and harmonic concepts is essential. They understand each part separately and as integral components of the composition as a whole.

Course Code: HA2V00Y1 **Long Name:** Vocal 2 ENS Fine Arts
Short Name: Vocal 2 ENS **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Vocal 1 ENS

Course Description: Within the class format, students perform from memory and notation and are part of more than one ensemble group. Individuality and independence are encouraged in student preparation (writing and arrangement) of compositions. Students gain greater music knowledge, independence, and skills.

Course Code: HA3C00Y1 **Long Name:** Choir 3 Fine Arts
Short Name: Choir 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Choir 2

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythm and meter. Chordal structure is expanded with music that includes atonality and freely composed segments representative of diverse modern composition styles.

Course Code: HA3V00Y1 **Long Name:** Vocal 3 ENS Fine Arts
Short Name: Vocal 3 ENS **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Vocal 2 ENS

Course Description: Students exhibit accurate intonation and rhythm, fundamental skills and advanced techniques using literature ranging from moderately difficult to difficult. They perform independently and in ensemble. They demonstrate comprehension of musical styles by seeking appropriate literature for performance. They perform expressively, from memory and notation, a varied repertoire of music representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques. They sightread major, minor, modal, and chromatic melodies; read and write music incorporating complex rhythmic patterns in simple, compound, and asymmetric meters; and interpret music symbols and terms referring to dynamics, tempo, and articulation when performing. Students are expected to improvise melodies and compose or arrange segments of vocal pieces.

Course Code: HA4C00Y1 **Long Name:** Choir 4 Fine Arts
Short Name: Choir 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Choir 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques. They sight-read major, minor, modal, and chromatic melodies; read and write music; and interpret music symbols and terms. They improvise melodies and compose or arrange compositions.

Course Code: HA4V00Y1 **Long Name:** Vocal 4 ENS Fine Arts
Short Name: Vocal 4 ENS **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Vocal 3 ENS

Course Description: Students perform independently and as a group, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of the literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques. They sight-read major, minor, modal, and chromatic melodies; read and write music; and interpret music symbols and terms. They improvise melodies and compose or arrange compositions.

Course Code: HA1D00Y1 **Long Name:** Dance 1 Fine Arts
Short Name: Dance 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03830100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Dance I is an introduction to the genres of ballet, tap, modern, and ethnic dance presented in cultural and historical context. Learning the vocabulary, principles and elements of each style is important. The class focuses on students' development of kinesiological body awareness, technical facility, spatial expressiveness, and personal creativity. Skills learned in Dance I are refined and reinforced in all upper level classes.

Course Code: HA1DJ0Y1 **Long Name:** Dance 1 Jazz Fine Arts
Short Name: Dance 1 Jazz **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03831300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Dance I is an introduction to the genres of ballet, tap, modern, and ethnic dance presented in cultural and historical context. Learning the vocabulary, principles and elements of each style is important. The class focuses on students' development of kinesiological body awareness, technical facility, spatial expressiveness, and personal creativity. Skills learned in Dance I are refined and reinforced in all upper level classes. Jazz technique is emphasized.

Course Code: HA1DP0Y1 **Long Name:** Dance 1 Performance/Ensemble Fine Arts
Short Name: Dance 1 Pef/Ens **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03833300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA1DW0Y1 **Long Name:** Dance 1 World Dance Forms Fine Arts
Short Name: Dance 1WorldDF **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03832100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA2D00Y1 **Long Name:** Dance 2 Fine Arts
Short Name: Dance 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03830200 [TEKS](#) **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 1

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA2DJ0Y1 **Long Name:** Dance 2 Jazz Fine Arts
Short Name: Dance 2 Jazz **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03831400 [TEKS](#) **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 1 Jazz

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA2DP0Y1 **Long Name:** Dance 2 Performance/Ensemble Fine Arts
Short Name: Dance 2 Pef/Ens **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03833400 [TEKS](#) **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 1 Performance/Ensemble

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA2DW0Y1 **Long Name:** Dance 2 World Dance Forms Fine Arts
Short Name: Dance 2WorldDF **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03832200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 1 World Dance Forms

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA3D00Y1 **Long Name:** Dance 3 Fine Arts
Short Name: Dance 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03830300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 2

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA3DJ0Y1 **Long Name:** Dance 3 Jazz Fine Arts
Short Name: Dance 3 Jazz **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03831500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 2 Jazz

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA3DP0Y1 **Long Name:** Dance 3 Performance/Ensemble Fine Arts
Short Name: Dance 3 Pef/Ens **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03833500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 2 Performance/Ensemble

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA3DW0Y1 **Long Name:** Dance 3 World Dance Forms Fine Arts
Short Name: Dance 3WorldDF **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03832300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 2 World Dance Forms

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA4D00Y1 **Long Name:** Dance 4 Fine Arts
Short Name: Dance 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03830400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 3

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA4DJ0Y1 **Long Name:** Dance 4 Jazz Fine Arts
Short Name: Dance 4 Jazz **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03831600 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 3 Jazz

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA4DP0Y1 **Long Name:** Dance 4 Performance/Ensemble Fine Arts
Short Name: Dance 4 Pef/Ens **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03833600 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 3 Performance/Ensemble

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA4DW0Y1 **Long Name:** Dance 4 World Dance Forms Fine Arts
Short Name: Dance 4WorldDF **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03832400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Dance 3 World Dance Forms

Course Description: Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of heritage and traditions of their own and others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic and creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Course Code: HA1G00Y1 **Long Name:** Guitar 1 Fine Arts
Short Name: Guitar 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154600 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students perform literature composed for a variety of instrumental and vocal combinations including trios, quartets, quintets, sextets, septets, mariachi, and ensemble. They build a repertoire that reflects the diversity of literature. They develop independence and leadership skills that are not as easily attained in larger groups. Participation in a variety of different instrumental chamber groups expands students' musical horizons.

Course Code: HA2G00Y1 **Long Name:** Guitar 2 Fine Arts
Short Name: Guitar 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Guitar 1

Course Description: Within the class format, students perform music by memory and notation, and they are part of more than one ensemble group. Students' individualism and independence are demonstrated through their preparation (writing and arrangement) of music for performance. Students gain greater depth of knowledge, independence, and personal and musical skills.

Course Code: HA3G00Y1 **Long Name:** Guitar 3 Fine Arts
Short Name: Guitar 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154800 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Guitar 2

Course Description: Students exhibit accurate intonation and rhythm, fundamental skills, and advanced techniques using literature ranging from moderately difficult to difficult, performing alone and in ensemble. They demonstrate comprehension of musical styles by seeking appropriate literature for performance. They expressively perform, from memory and notation, a varied repertoire representing styles of diverse cultures. They are familiar with small- and large-ensemble performance techniques.

Course Code: HA4G00Y1 **Long Name:** Guitar 4 Fine Arts
Short Name: Guitar 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Guitar 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA1IS0Y1 **Long Name:** Instrumental 1 String Ensemble Fine Arts
Short Name: StringEnsemble 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students sight-read ensemble parts and interpret symbols and terms that define dynamics, tempo, and articulation during solo and group performances. They create and arrange a variety of phrases and can perform from memory as well as from the page. Technical expectations include refinement of vibrato; key expansion to encompass E-flat major, C minor, A major, and F-sharp minor; bow articulations adding tremolo; and the ability to sustain legato passages.

Course Code: HA2IS0Y1 **Long Name:** Instrumental 2 String Ensemble Fine Arts
Short Name: StringEnsemble 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151800 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instrumental 1 String Ensemble

Course Description: Classes focus on student performance as part of an orchestra. As students gain greater independence in lines of their score, they recognize that a more complete understanding of the complexity of rhythmic and harmonic concepts is essential. They understand each part separately and as integral components of the composition as a whole. Advanced bowing technique and off-the string articulations · Familiarity with additional types of vibrato · Familiarity with additional key signatures, including A major, F# minor, and C minor · A working understanding of treble clef, harmonics, tenor clef, and bass clef · Increased independence in the preparation of assignments with pitch, rhythmic accuracy, and good intonation · Memorization of increasingly difficult selections · Keen interpretations of articulations, expressive symbols, and terms.

Course Code: HA3IS0Y1 **Long Name:** Instrumental 3 String Ensemble Fine Arts
Short Name: StringEnsemble 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instrumental 2 String Ensemble

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythms and meters. Chord structure is expanded with music that includes atonality and freely composed segments representative of diverse styles of modern composition. Technical expectations include: · Demonstrating individuality · Demonstrating performance technique using appropriate bowing style, vibrato, and extended playing positions · Preparing and executing parts with accurate intonation and rhythm · Exhibiting leadership qualities · Demonstrating proficiency in musical comprehension · Performing all scales from memory · Identifying complex rhythms and meters · Improvising · Composing and arranging simple compositions for more than one medium.

Course Code: HA4IS0Y1 **Long Name:** Instrumental 4 String Ensemble Fine Arts
Short Name: StringEnsemble 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152000 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instrumental 3 String Ensemble

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Understanding of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques. They sight-read major, minor, modal, and chromatic melodies; read and write music; and interpret music symbols and terms. They improvise melodies and compose or arrange compositions.

Course Code: HA1J00Y1 **Long Name:** Jazz 1 Fine Arts
Short Name: Jazz 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Fundamental playing skills, including range development, are addressed. Students work to understand the differences between creative group expression and solo work with an emphasis on accurate intonation, rhythm, and dynamics. They perform from memory as well as by sight-reading.

Course Code: HA2J00Y1 **Long Name:** Jazz 2 Fine Arts
Short Name: Jazz 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Jazz 1

Course Description: Students are introduced to variations of tone production related to particular effects used in jazz performance. They learn chord recognition and notation. They perform improvised solos with ensemble accompaniment as well as composing and performing simple pieces. Improvisation and its place in the genre are emphasized, and students are encouraged to write their own solos, maintaining the theme of the composition

Course Code: HA3J00Y1 **Long Name:** Jazz 3 Fine Arts
Short Name: Jazz 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Jazz 2

Course Description: Students perform in ensembles varying in size and instrumentation. They exhibit accurate intonation and rhythm, fundamental skills, and advanced techniques in performance of moderately difficult to difficult literature. They demonstrate understanding of diverse styles by choosing appropriate literature for performance and expressively perform their choices from memory and notation. Students create and arrange music within specified guidelines. They are expected to exhibit competency in both ensemble and solo performance. Some students may begin studying second instruments.

Course Code: HA4J00Y1 **Long Name:** Jazz 4 Fine Arts
Short Name: Jazz 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151600 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Jazz 3

Course Description: Students sing or play instruments individually and in groups, performing a varied repertoire of music. Some students study second and/or third instruments. Current trends in the jazz idiom are analyzed, demonstrated, and evaluated. Students read and write music notation. They create and arrange music within specified guidelines, composing works for at least two media.

Course Code: HA1M00Y1 **Long Name:** Music Studies Music Theory 1 Fine Arts
Short Name: Music Theory 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03155400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Music Theory I enables students to develop an understanding of the theoretical elements of music and their relevance to music composition. Common student expectations include reading and writing music in treble and bass clefs; knowledge of C clefs; identifying chords in major, minor, and modal scales; and accurately taking rhythmic and melodic dictation.

Course Code: HA2M00Y1 **Long Name:** Music Studies Music Theory 2 Fine Arts
Short Name: Music Theory 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03155500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Music Studies Music Theory 1

Course Description: Music Theory I enables students to develop an understanding of the theoretical elements of music and their relevance to music composition. Common student expectations include reading and writing music in treble and bass clefs; knowledge of C clefs; identifying chords in major, minor, and modal scales; and accurately taking rhythmic and melodic dictation.

Course Code: HA1M10Y1 **Long Name:** Applied Music 1 Fine Arts
Short Name: Applied Music 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: The Applied Music I and II courses allow students in grades 9-12 to advance their development of proficiency in instrumental or vocal performance. The courses address the specific needs of each student and provide individualized instruction through challenging literature for study and performance. The courses are based upon the Fine Arts Texas Essential Knowledge and Skills (TEKS) in Music, Levels I and II, as specified in the Texas Administrative Code, Title 19, Part II, Chapters 117.60 and 117.61. Students may satisfy fine arts and elective requirements for high school graduation by successfully completing the Applied Music I and II courses.

Course Code: HA2M20Y1 **Long Name:** Applied Music 2 Fine Arts
Short Name: Applied Music 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03152600 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Applied Music 1

Course Description: The Applied Music I and II courses allow students in grades 9-12 to advance their development of proficiency in instrumental or vocal performance. The courses address the specific needs of each student and provide individualized instruction through challenging literature for study and performance. The courses are based upon the Fine Arts Texas Essential Knowledge and Skills (TEKS) in Music, Levels I and II, as specified in the Texas Administrative Code, Title 19, Part II, Chapters 117.60 and 117.61. Students may satisfy fine arts and elective requirements for high school graduation by successfully completing the Applied Music I and II courses.

Course Code: HA1MM0Y1 **Long Name:** Music and Median Communication 1 Fine Arts
Short Name: Music Media Com **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03156400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Innovative Music curricula designed to provide access to rigorous and relevant instruction in music and media-based skills to those students entering high school who may not have an extensive background in music. The standards-based curricula provide access to instruction in fundamental music skills and knowledge. Students explore and discover their own connections to music and their musicality using technology- and media-based resources for listening, recording, sharing, composing, and making music.

Course Code: HA2MM0Y1 **Long Name:** Music and Media Communication II Fine Arts
Short Name: Musicmedia Com2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03156500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Music and Media Communication 1

Course Description: Innovative Music curricula designed to provide access to rigorous and relevant instruction in music and media-based skills to those students entering high school who may not have an extensive background in music. The standards-based curricula provide access to instruction in fundamental music skills and knowledge. Students explore and discover their own connections to music and their musicality using technology- and media-based resources for listening, recording, sharing, composing, and making music.

Course Code: HA1MP0Y1 **Long Name:** Music Production 1 Fine Arts
Short Name: Music Prod 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03156200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Music Production will introduce students to the uses, concepts, techniques, and terminology of computing through music applications. The students will gain experience with current hardware and software for music sequencing, synthesis, and music performance practice. This year long course is also designed as an introduction to music fundamentals, notation, and theory through music technology such as MIDI and digital recording. Students will also be learning basic business practices used in the music industry.

Course Code: HA2MP0Y1 **Long Name:** Music Production 2 Fine Arts
Short Name: Music Prod 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03156300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Music Production 1

Course Description: Music Production will introduce students to the uses, concepts, techniques, and terminology of computing through music applications. The students will gain experience with current hardware and software for music sequencing, synthesis, and music performance practice. This year long course is also designed as an introduction to music fundamentals, notation, and theory through music technology such as MIDI and digital recording. Students will also be learning basic business practices used in the music industry.

Course Code: HA1P00Y1 **Long Name:** Piano 1 Fine Arts
Short Name: Piano 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Class piano is designed to teach the concepts and fundamentals needed to perform on the piano. It will increase musical understanding beyond just reading notes by teaching students a vocabulary of chords and keys, accompaniment patterns, and improvisational techniques.

Course Code: HA2P00Y1 **Long Name:** Piano 2 Fine Arts
Short Name: Piano 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Piano 1

Course Description: Within the class format, students perform music by memory and notation, and they are part of more than one ensemble group. Students' individualism and independence are demonstrated through their preparation (writing and arrangement) of music for performance. Students gain greater depth of knowledge, independence, and personal and musical skills

Course Code: HA3P00Y1 **Long Name:** Piano 3 Fine Arts
Short Name: Piano 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154400 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Piano 2

Course Description: Students exhibit accurate intonation and rhythm, fundamental skills, and advanced techniques using literature ranging from moderately difficult to difficult, performing alone and in ensemble. They demonstrate comprehension of musical styles by seeking appropriate literature for performance. They expressively perform, from memory and notation, a varied repertoire representing styles of diverse cultures. They are familiar with small- and large-ensemble performance techniques.

Course Code: HA4P00Y1 **Long Name:** Piano 4 Fine Arts
Short Name: Piano 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03154500 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Piano 3

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Comprehension of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques.

Course Code: HA1S00Y1 **Long Name:** Orch 1 Strings Fine Arts
Short Name: Orch 1 Strings **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150500 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students sight-read ensemble parts and interpret symbols and terms that define dynamics, tempo, and articulation during solo and group performances. They create and arrange a variety of phrases and can perform from memory as well as from the page. Technical expectations include refinement of vibrato; key expansion to encompass E-flat major, C minor, A major, and F-sharp minor; bow articulations adding tremolo; and the ability to sustain legato passages

Course Code: HA2S00Y1 **Long Name:** Orch 2 Stings Fine Arts
Short Name: Orch 2 Strings **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150600 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Orch 1 Strings

Course Description: Classes focus on student performance as part of an orchestra. As students gain greater independence in lines of their score, they recognize that a more complete understanding of the complexity of rhythmic and harmonic concepts is essential. They understand each part separately and as integral components of the composition as a whole. Advanced bowing technique and off-the string articulations · Familiarity with additional types of vibrato · Familiarity with additional key signatures, including A major, F# minor, and C minor · A working understanding of treble clef, harmonics, tenor clef, and bass clef · Increased independence in the preparation of assignments with pitch, rhythmic accuracy, and good intonation · Memorization of increasingly difficult selections · Keen interpretations of articulations, expressive symbols, and terms.

Course Code: HA3S00Y1 **Long Name:** Orch 3 Strings Fine Arts
Short Name: Orch 3 Strings **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Orch 2 Strings

Course Description: Students illustrate harmonic texture and complexity in more advanced rhythms and meters. Chord structure is expanded with music that includes atonality and freely composed segments representative of diverse styles of modern composition. Technical expectations include: · Demonstrating individuality · Demonstrating performance technique using appropriate bowing style, vibrato, and extended playing positions · Preparing and executing parts with accurate intonation and rhythm · Exhibiting leadership qualities · Demonstrating proficiency in musical comprehension · Performing all scales from memory · Identifying complex rhythms and meters · Improvising · Composing and arranging simple compositions for more than one medium.

Course Code: HA4S00Y1 **Long Name:** Orch 4 Strings Fine Arts
Short Name: Orch 4 Strings **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150800 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Orch 3 Strings

Course Description: Students perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques. Literature ranges from moderately difficult to difficult. Understanding of musical styles is demonstrated by the appropriateness of literature selected for performance. Students perform expressively, from memory and notation, a repertoire representing styles from diverse cultures. They become familiar with small- and large-ensemble performance techniques. They sight-read major, minor, modal, and chromatic melodies; read and write music; and interpret music symbols and terms. They improvise melodies and compose or arrange compositions.

Course Code: HA1T00Y1 **Long Name:** Theatre 1 Fine Arts
Short Name: Theatre 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250100 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description Learners study principles of acting and begin to understand theatrical conventions dealing with time and setting. Through informal class presentations, students begin to see the interdependence of all theatrical elements. Theatre Arts I students learn essential skills, techniques, and a process of script analysis to create believable characters. Then they add techniques in diction and body movements to develop characterizations further..

Course Code: HA1T10Y1 **Long Name:** Theatre 1 Production Fine Arts
Short Name: Theatre 1 Prod **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250700 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description Students are involved with a specific aspect of the production, such as cast, technical crew, stage manager, stage crew, costume designer, wardrobe mistress, props, set designer, publicity, or support staff.

Course Code: HA1T20Y1 **Long Name:** Theatre 1 Technical Fine Arts
Short Name: Theatre 1Tech **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description Students are exposed to basic principles of theatrical design, such as unity, balance, proportion, and color. Students explore their understanding by building 3- dimensional models of sets and scenery; drafting floor plans; and drawing set elevations.

Course Code: HA1T30Y1 **Long Name:** Theatre 1 Musical Fine Arts
Short Name: Theatre 1Music **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03251900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** suggested in two of the following disciplines: theatre, dance, or music or by audition.

Course Description: Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

Course Code: HA2T00Y1 **Long Name:** Theatre 2 Fine Arts
Short Name: Theatre 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250200 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 1

Course Description: Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA2T10Y1 **Long Name:** Theatre 2 Production Fine Arts
Short Name: Theatre 2 Prod **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250800 [TEKS](#) **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 1 Production
Course Description: Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA2T20Y1 **Long Name:** Theatre 2 Technical L & S Fine Arts
Short Name: Theatre2TechL&S **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03252300 [TEKS](#) **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 1 Technical
Course Description: Through a variety of experiences with technical theatre, Technical Theatre II will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA2T30Y1 **Long Name:** Theatre 2 Musical Fine Arts
Short Name: Theatre 2 Music **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03252000 [TEKS](#) **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 1 Musical
Course Description: Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

Course Code: HA3T00Y1 **Long Name:** Theatre 3 Fine Arts
Short Name: Theatre 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250300 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 2

Course Description: Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA3T10Y1 **Long Name:** Theatre 3 Production Fine Arts
Short Name: Theatre 3 Prod **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 2 Production

Course Description: Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA3T20Y1 **Long Name:** Theatre 3 Technical Adv L&S Fine Arts
Short Name: Theatre3TechL&S **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03252400 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 2 Technical L&S

Course Description: Through a variety of experiences with technical theatre, Technical Theatre III will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA3T30Y1 **Long Name:** Theatre 3 Musical Fine Arts
Short Name: Theatre 3 Music **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03252100 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 2 Musical

Course Description: Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

Course Code: HA4T00Y1 **Long Name:** Theatre 4 Fine Arts
Short Name: Theatre 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03250400 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 3

Course Description: Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA4T10Y1 **Long Name:** Theatre 4 Production Fine Arts
Short Name: Theatre 4 Prod **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03251000 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 3 Production

Course Description: Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA4T20Y1 **Long Name:** Theatre 4 Technical ADV L&S Fine Arts
Short Name: Theatre4TechL&S **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03252500 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 3 Technical Adv L&S

Course Description: Through a variety of experiences with technical theatre, Technical Theatre IV will afford students the opportunity to complete a more intense study of a specific area of technical theatre. Through more independent study and increased production responsibilities, study in Technical Theatre IV involves the application of expertise prepared for and acquired in previous theatre art studies. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Course Code: HA4T30Y1 **Long Name:** Theatre 4 Musical Fine Arts
Short Name: Theatre 4 Music **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03252200 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Theatre 3 Musical

Course Description: Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

Athletics/Major Sports

[Return](#)

Course Code: HP1XC0SH **Long Name:** MS 1 XCountry (SUBATH1)
Short Name: MS 1 XCountry **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Semester
School (s): All High Schools
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of cross country to include rules, regulations, history, and team strategies. Students will develop endurance, skills, and portray good sportsmanship that is proficient for competing in the high school sport of cross country.

Course Code: HP2XC0SH **Long Name:** MS 2 XCountry (SUBATH2)
Short Name: MS 2 XCountry **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Semester
School (s): All High Schools
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of cross country to include rules, regulations, history, and team strategies. Students will develop endurance, skills, and portray good sportsmanship that is proficient for competing in the high school sport of cross country.

Course Code: HP3XC0SH **Long Name:** MS 3 XCountry (SUBATH3)
Short Name: MS 3 XCountry **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:**
School (s): All High Schools
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Cross Country to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Cross Country.

Course Code: HP4XC0SH **Long Name:** MS 4 XCountry (SUBATH4)
Short Name: MS 4 XCountry **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Semester
School (s): All High Schools
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Cross Country to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Cross Country.

Course Code: HP1SW0Y1 **Long Name:** MS 1 Swim (SUBATH1)
Short Name: MS 1 Swim **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of swimming to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of swimming.

Course Code: HP2SW0Y1 **Long Name:** MS 2 Swim (SUBATH2)
Short Name: MS 2 Swim **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of swimming to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of swimming.

Course Code: HP3SW0Y1 **Long Name:** MS 3 Swimming (SUBATH3)
Short Name: MS 3 Swimming **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of swimming to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Swimming.

Course Code: HP4SW0Y1 **Long Name:** MS 4 Swim (SUBATH4)
Short Name: MS 4 Swim **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of swimming to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Swimming.

Course Code: HP1BB0Y1 **Long Name:** MS 1 BBasket (SUBATH1)
Short Name: MS 1 BBasket **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of basketball.

Course Code: HP2BB0Y1 **Long Name:** MS 2 BBasket (SUBATH2)
Short Name: MS 2 BBasket **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of basketball.

Course Code: HP3BB0Y1 **Long Name:** MS 3 BBasket (SUBATH3)
Short Name: MS 3 BBasket **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of Basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Basketball.

Course Code: HP4BB0Y1 **Long Name:** MS 4 BBasket (SUBATH4)
Short Name: MS 4 BBasket **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of Basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Basketball.

Course Code: HP1GB0Y1 **Long Name:** MS 1 GBasket (SUBATH1)
Short Name: MS 1 GBasket **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of basketball.

Course Code: HP2GB0Y1 **Long Name:** MS 2 GBasket (SUBATH2)
Short Name: MS 2 GBasket **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of basketball.

Course Code: HP3GB0Y1 **Long Name:** MS 3 GBasket (SUBATH3)
Short Name: MS 3 GBasket **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of Basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Basketball.

Course Code: HP4GB0Y1 **Long Name:** MS 4 GBasket (SUBATH4)
Short Name: MS 4 GBasket **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of Basketball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Basketball.

Course Code: HP1BL0Y1 **Long Name:** MS 1 Baseball (SUBATH1)
Short Name: MS 1 Baseball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of baseball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of baseball.

Course Code: HP2BL0Y1 **Long Name:** MS 2 Baseball (SUBATH2)
Short Name: MS 2 Baseball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of baseball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of baseball.

Course Code: HP3BL0Y1 **Long Name:** MS 3 Baseball (SUBATH3)
Short Name: MS 3 Baseball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Baseball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Baseball.

Course Code: HP4BL0Y1 **Long Name:** MS 4 Baseball (SUBATH4)
Short Name: MS 4 Baseball **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Baseball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Baseball.

Course Code: HP1SB0Y1 **Long Name:** MS 1 Softball (SUBATH1)
Short Name: MS 1 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of softball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of softball.

Course Code: HP2SB0Y1 **Long Name:** MS 2 Softball (SUBATH2)
Short Name: MS 2 Softball **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of softball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of softball.

Course Code: HP3SB0Y1 **Long Name:** MS 3 Softball (SUBATH3)
Short Name: MS 2 Softball **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of softball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of softball.

Course Code: HP4SB0Y1 **Long Name:** MS 4 Softball (SUBATH4)
Short Name: MS 2 Softball **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of softball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of softball.

Course Code: HP1GT0SH **Long Name:** MS 1 GTrack (SUBATH1)
Short Name: MS 1 GTrack **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Sem
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of track & field to include rules, regulations, history, and team strategies. Students will portray good sportsmanship and demonstrate skills that are proficient for competing in the high school sport of track & field.

Course Code: HP2GT0SH **Long Name:** MS 2 GTrack (SUBATH2)
Short Name: MS 2 GTrack **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Sem
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of track & field to include rules, regulations, history, and team strategies. Students will portray good sportsmanship and demonstrate skills that are proficient for competing in the high school sport of track & field.

Course Code: HP3GT0SH **Long Name:** MS 3 GTrack (SUBATH3)
Short Name: MS 3 GTrack **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Sem
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of Track to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Track.

Course Code: HP4GT0SH **Long Name:** MS 4 GTrack (SUBATH4)
Short Name: MS 4 GTrack **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Sem
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of Track to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Track.

Course Code: HP1FB0Y1 **Long Name:** MS 1 Football (SUBATH1)
Short Name: MS 1 Football **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of football to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of football.

Course Code: HP2FB0Y1 **Long Name:** MS 2 Football (SUBATH2)
Short Name: MS 2 Football **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of football to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of football.

Course Code: HP3FB0Y1 **Long Name:** MS 3 Football (SUBATH3)
Short Name: MS 3 Football **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Football to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Football.

Course Code: HP4FB0Y1 **Long Name:** MS 4 Football (SUBATH4)
Short Name: MS 4 Football **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Football to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Football.

Course Code: HP1WR0Y1 **Long Name:** MS 1 Wrestling (SUBATH1)
Short Name: MS 1 Wrestling **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of wrestling to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of wrestling.

Course Code: HP2WR0Y1 **Long Name:** MS 2 Wrestling (SUBATH2)
Short Name: MS 2 Wrestling **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of wrestling to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of wrestling.

Course Code: HP3WR0Y1 **Long Name:** MS 3 Wrestling (SUBATH3)
Short Name: MS 3 Wrestling **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of wrestling to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Wrestling.

Course Code: HP4WR0Y1 **Long Name:** MS 4 Wrestling (SUBATH4)
Short Name: MS 4 Wrestling **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of wrestling to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Wrestling.

Course Code: HP1TN0Y1 **Long Name:** MS 1 Tennis (SUBATH1)
Short Name: MS 1 Tennis **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of tennis to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of tennis.

Course Code: HP2TN0Y1 **Long Name:** MS 2 Tennis (SUBATH2)
Short Name: MS 2 Tennis **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of tennis to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of tennis.

Course Code: HP3TN0Y1 **Long Name:** MS 3 Tennis (SUBATH3)
Short Name: MS 3 Tennis **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of Tennis to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Tennis.

Course Code: HP4TN0Y1 **Long Name:** MS 4 Tennis (SUBATH4)
Short Name: MS 4 Tennis **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Tennis to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Tennis.

Course Code: HP1BG0Y1 **Long Name:** MS 1 BGolf (SUBATH1)
Short Name: MS 1 BGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of golf to include rules, regulations, history, course etiquette, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of golf.

Course Code: HP2BG0Y1 **Long Name:** MS 2 BGolf (SUBATH2)
Short Name: MS 2 BGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of golf to include rules, regulations, history, course etiquette, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of golf.

Course Code: HP3BG0Y1 **Long Name:** MS 3 BGolf (SUBATH3)
Short Name: MS 3 BGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Golf to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Golf.

Course Code: HP4BG0Y1 **Long Name:** MS 4 BGolf (SUBATH4)
Short Name: MS 4 BGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Golf to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Golf.

Course Code: HP1GG0Y1 **Long Name:** MS 1 GGolf (SUBATH1)
Short Name: MS 1 GGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of golf to include rules, regulations, history, course etiquette, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of golf.

Course Code: HP2GG0Y1 **Long Name:** MS 2 GGolf (SUBATH2)
Short Name: MS 2 GGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Students will broaden their knowledge of golf to include rules, regulations, history, course etiquette, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of golf.

Course Code: HP3GG0Y1 **Long Name:** MS 3 GGolf (SUBATH3)
Short Name: MS 3 GGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Students will broaden their knowledge of Golf to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Golf.

Course Code: HP4GG0Y1 **Long Name:** MS 4 GGolf (SUBATH4)
Short Name: MS 4 GGolf **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00003 **2012 Course Code:** **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Students will broaden their knowledge of Golf to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Golf.

Course Code: HP1BS0Y1 **Long Name:** MS 1 BSoccer (SUBATH1)
Short Name: MS 1 BSoccer **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None
Course Description: Students will broaden their knowledge of soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of soccer.

Course Code: HP2BS0Y1 **Long Name:** MS 2 BSoccer (SUBATH2)
Short Name: MS 2 BSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of soccer.

Course Code: HP3BS0Y1 **Long Name:** MS 3 BSoccer (SUBATH3)
Short Name: MS 3 BSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Soccer.

Course Code: HP4BS0Y1 **Long Name:** MS 4 BSoccer (SUBATH4)
Short Name: MS 4 BSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Soccer.

Course Code: HP1GS0Y1 **Long Name:** MS 1 GSoccer (SUBATH1)
Short Name: MS 1 GSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of soccer.

Course Code: HP2GS0Y1 **Long Name:** MS 2 GSoccer (SUBATH2)
Short Name: MS 2 GSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of soccer.

Course Code: HP3GS0Y1 **Long Name:** MS 3 GSoccer (SUBATH3)
Short Name: MS 3 GSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Soccer.

Course Code: HP4GS0Y1 **Long Name:** MS 4 GSoccer (SUBATH4)
Short Name: MS 4 GSoccer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will broaden their knowledge of Soccer to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Soccer.

Course Code: HP1VB0Y1 **Long Name:** MS 1 Volleyball (SUBATH1)
Short Name: MS 1 Volleyball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00000 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of volleyball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of volleyball.

Course Code: HP2VB0Y1 **Long Name:** MS 2 Volleyball (SUBATH2)
Short Name: MS 2 Volleyball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00001 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of volleyball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of volleyball.

Course Code: HP3VB0Y1 **Long Name:** MS 3 Volleyball (SUBATH3)
Short Name: MS 3 Volleyball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00002 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of Volleyball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Volleyball.

Course Code: HP4VB0Y1 **Long Name:** MS 4 Volleyball (SUBATH4)
Short Name: MS 4 Volleyball **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00003 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Students will broaden their knowledge of Volleyball to include rules, regulations, history, and team strategies. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of Volleyball.

Course Code: HP1CH0Y1 **Long Name:** MS 1 Cheer (SUBDT)
Short Name: MS 1 Cheer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00013 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instructor Approval

Students will broaden their knowledge of cheerleading to include rules, regulations, history, and team routines. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of cheerleading.

Course Code: HP2CH0Y1 **Long Name:** MS 2 Cheer (SUBATH2)
Short Name: MS 2 Cheer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00013 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instructor Approval

Students will broaden their knowledge of cheerleading to include rules, regulations, history, and team routines. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of cheerleading.

Course Code: HP3CH0Y1 **Long Name:** MS 3 Cheer (SUBATH3)
Short Name: MS 3 Cheer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00013 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instructor Approval

Students will broaden their knowledge of cheerleading to include rules, regulations, history, and team routines. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of cheerleading.

Course Code: HP4CH0Y1 **Long Name:** MS 4 Cheer (SUBATH4)
Short Name: MS 4 Cheer **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: PES00013 **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Instructor Approval

Students will broaden their knowledge of cheerleading to include rules, regulations, history, and team routines. Students will demonstrate good sportsmanship and skills that are proficient for competing in the high school sport of cheerleading.

Physical Education

[Return](#)

Course Code: HP1100SH **Long Name:** PE Found Foundations of Personal
Short Name: PE Found **Recommended Grade Placement:** 9-12 **0.5 credit** **STAT**
Service Id: PES00052 [TEKS](#) **GPA:** TIER 3 **Duration:** Sem
School (s): All Schools

Part 1 Credit Per Part: Prerequisite:

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 teaching students about 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 corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

Course Code: HP1200Y1 **Long Name:** PE Advodrs Adventure/Outdoor Education
Short Name: PE Advodrs **Recommended Grade Placement:** 9-12 **1.0 credit** **STAT**
Service Id: PES00053 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Credit Per Part: 0.5 Prerequisite: Recommended Foundations of Personal Fitness

Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Course Code: HP1300Y1 **Long Name:** PE Aero Aerobic Activities
Short Name: PE Aero **Recommended Grade Placement:** 9-12 **1.0 credit** **STAT**
Service Id: PES00054 [TEKS](#) **GPA:** TIER **Duration:** Year
School (s): All Schools

Part 1/ Part Credit Per Part: 0.5 Prerequisite: Recommended Foundations of Personal Fitness

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

Course Code: HP1400Y1 **Long Name:** PE Indiv Sprts Individual Sports
Short Name: PE Indiv **Recommended Grade Placement:** 9-12 **1.0** **STAT**
Service Id: PES00055 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part Credit Per Part: Prerequisite: Recommended Foundations of Personal Fitness

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 that are enjoyable is a major objective of this course.

Health

[Return](#)

Course Code: HH1000SH **Long Name:** Health Health 1
Short Name: Health **Recommended Grade Placement:** 9-12 **0.5 STAT**
Service Id: 03810100 [TEKS](#) **GPA:** TIER 3 **Duration:** Sem
School (s): All Schools
Part 1 Credit Per Part: **Prerequisite:** None

In Health 1, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting and communication skills to protect their health and that of the community.

Course Code: HH3000SH **Long Name:** Health Adv Advanced Health
Short Name: Health Adv **Recommended Grade Placement:** 11-12 **0.5 STAT**
Service Id: 03810200 [TEKS](#) **GPA:** TIER 3 **Duration:** Sem
School (s): All Schools
Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Health 1

In Advanced Health, students are provided opportunities for researching, discussing, and analyzing health issues. This higher level of involvement provides students with experiences designed to reinforce positive health behaviors. Students are given the opportunity to learn more about technology, how it affects health, and how to use electronic technology to gain health information. The emphasis in this course is less related to learning facts and more related to providing students with the skills necessary to access their own health information and services and become health literate.

Course Code: **Long Name:** Lifetime Nutrition and Wellness (LNURTWEL)
Short Name: Life Nutr **Recommended Grade Placement:** 10-12 **1.0 credit STAT**
Service Id: 13024500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Campuses
Part Credit Per Part: **Prerequisite:** NONE

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

HT2J00Y1 qualifies for the EPISD Health requirement.
Student MUST COMPLETE BOTH SEMESTERS TO FULFILL THE HEALTH REQUIREMENT.

Dual Language Science

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Course Code: HC10U0Y1 **Long Name:** Biology Dual Language (Biology)
Short Name: Biology DL **Recommended Grade Placement:** 9-12 **1.0 credit State**
Service Id: 03010200 [TEKS](#) **GPA:** TIER 3 **Duration:** YR

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

Course Code: HC10UQY1 **Long Name:** Biology PAP Dual Language (Biology)
Short Name: BIO PAP DL **Recommended Grade Placement:** **1.0 credit State**
Service Id: 03010200 [TEKS](#) **GPA:** TIER 2 **Duration:** YR

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Biology PAP, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

- **A research project is required and must be completed during Part 1 or Part 2.**

Course Code: HC20UQY1 **Long Name:** Chemistry PAP Dual Language (CHEM)
Short Name: Chem PAP DL **Recommended Grade Placement:** Grade 10, 11, or 12 **1.0 STATE**
Service Id: 03040000 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** One unit of high school science and Algebra I. Suggested prerequisite: completion of or concurrent enrollment in a second year of math.

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Chemistry PAP, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

- **A research project is required and must be completed during Part 1 or Part 2.**

Course Code: HC30UQY1 **Long Name:** Physics PAP Dual Language (PHYSICS)
Short Name: Physics PAP DL **Recommended Grade Placement:** Grade 9, 10, 11, or 12. **1.0 credit STATE**
Service Id: 03050000 [TEKS](#) **GPA:** TIER 2-PAP **Duration:** Year

Part 1/ Credit Per Part: 0.5 **Prerequisite:** Algebra I is suggested as a prerequisite or co-requisite.

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. 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 peers, and develop critical thinking skills.

Physics PAP includes topics covered in Part 1 and 2 of Physics at greater depth and complexity. A research project is required and must be completed during Part 1 or Part 2.

Dual Language English Language Arts

[Return](#)

Course Code: HE31U0Y1 **Long Name:** Literary Genres Dual Language (LIT GENR)
Short Name: Lit Genres DL **Recommended Grade Placement:** 11-12 **1 credit State**
Service Id: 03221500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students enrolled in Literary Genres will spend time analyzing the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High school students will discover how well written literary text can serve as models for their own writing. High school students respond to oral, written, and electronic text to connect their knowledge of the world.

Course Code: HE33U0SH **Long Name:** Creative Writing Dual Language (CREAT WR)
Short Name: Crt Writ DL **Recommended Grade Placement:** 11-12 **0.5 credit**
Service Id: 03221200 [TEKS](#) **GPA:** TIER 3

Credit Per Part: 0.5 **Prerequisite:** District Recommends Successful Completion of English 2 or Pre-AP English 2

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. The study of creative writing allows high school students to earn one-half to one credit while developing versatility as a writer. Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

Dual Language Math

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Course Code: HM10U0Y1 **Long Name:** Algebra 1 Dual Language Math
Short Name: Algebra 1 DL **Recommended Grade Placement:** 9 – 12 **1.0** **STATE**
Service Id: 03100500 [TEKS](#) **Duration:** Year
Part 2/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students use symbols in a variety of ways to study relationships among quantities. Students use functions to determine one quantity from another, to represent and model problem situations, and to analyze and interpret relationships. Students work in many situations to set up equations and inequalities and use a variety of methods to solve them. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems.

Course Code: HM20UQY1 **Long Name:** Geometry- PAP Dual Language Math
Short Name: Geom PAP DL **Recommended Grade Placement:** 9-12 **1.0 credit** **State**
Service Id: 03100700 [TEKS](#) **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. The content is studied in greater depth and may include additional topics. In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

Course Code: HM30UQY1 **Long Name:** Algebra 2 PAP Dual Language Math
Short Name: ALG 2 PAP DL **Recommended Grade Placement:** 9-12 **1.0** **State**
Service Id: 03100600 [TEKS](#) **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will go more in depth in Algebra 2 PAP. Students study algebraic concepts and the relationships among them to better understand the structure of algebra. Students perceive functions and equations as means for analyzing and understanding a broad variety of relationships and as a useful tool for expressing generalizations. Students perceive the connections between algebra and geometry and use the tools of one to help solve problems in the other. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems. As they do mathematics, students continually use problem-solving, language and communication, and reasoning (justification and proof) to make connections within and outside mathematics. Students also use multiple representations, technology, applications and modeling, and numerical fluency in problem-solving contexts.

Course Code: HM41UQY1 **Long Name:** Precalculus – PAP Dual Language Math
Short Name: Pre Cal-PAP DL **Recommended Grade Placement:** 11-12 **1.0 credit** **State**
Service Id: 03101100 [TEKS](#) **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1, Geometry, Algebra 2

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Pre AP Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

Course Code: HM51UPY1 **Long Name:** Calculus AB AP Dual Language (Math)
Short Name: Calc AB AP DL **Recommended Grade Placement:** Grade 11 or 12 **1.0** **STATE**
Service Id: A3100101 [TEKS](#) [AP Calculus AB](#) **GPA:** TIER 1-AP **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Precalculus.

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. 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.

- **Because this is a college-level class, students uncertain about whether to enroll should contact the AP teacher for more information.**
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Dual Language Social Studies

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Course Code: HS10Y0Y1 **Long Name:** World Geography Dual Language Social Studies
Short Name: World Geo DL **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03320100 [TEKS](#) **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students will describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course will center around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions. Students will use of a variety of primary and secondary source material such as contemporary and historic maps of various types, satellite-produced images, photographs, graphs, map sketches, and diagrams is encouraged in order to support their understanding of the essential knowledge and skills as outline on 19 TAC Chapter 113.43. The different strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS36UGY1 **Long Name:** GT:IS 3 Dual Language Gifted and Talented
Short Name: GT:IS 3 DL **Recommended Grade Placement:** 9 – 12 **1.0 credit** **STATE**
Service Id: N1290317 **GPA:** TIER 2 **Duration:** Year
School (s): El Paso HS
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommend GT:IS 2

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will be conduct research and will be mentored in two languages so that they will develop a positive cross-cultural attitude. The student will participate in independent research; and become responsible for his or her own learning. The scope and complexity of the student's work will clearly demonstrate a level of performance beyond high school standards. Students will conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration, will investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Topics will vary upon approval of a mentor teacher assigned to work with the student.

Course Code: HS47UGY1 **Long Name:** GT:IS 4 Dual Language Gifted and Talented
Short Name: GT:IS 4 DL **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: N1290318 **2012 Course Code:** **GPA:** TIER 2- **Duration:** Year
Part 1/ Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** Recommend GT:IS 3 Dual Language

Course Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will be conduct research and will be mentored in two languages so that they will develop a positive cross-cultural attitude. The student will participate in independent research; and become responsible for his or her own learning. The scope and complexity of the student's work will clearly demonstrate a level of performance beyond high school standards. Students will conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration, will investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Topics will vary upon approval of a mentor teacher assigned to work with the student.

Course Code: HS53UMSH **Long Name:** SS Foreign Policy Dual Language Social Studies
Short Name: SS ForPolc DL **Recommended Grade Placement:** 9-12 **0.5 credit STATE**
Service Id: 03380032 [TEKS](#) **Duration:** SM
Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Foreign Policy DL is a special topics in social studies elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped foreign policy, their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives. Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will be conduct research and will be mentored in two languages so that they will develop a positive cross-cultural attitude

Dual Language Communication

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Course Code: **Long Name:** Communication App Dual Language (COMMAPP)
Short Name: Comm **Recommended Grade Placement:** 10-12 **0.5 STAT**
Service Id: 03241400 [TEKS](#) **GPA:** TIER 3 **Duration:**
Part Credit Per Part: **Prerequisite:** None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. In this class, students will understand and develop communication skills, which will benefit them in professional and personal relationships. These skills include sending verbal messages, choosing effective non-verbal behaviors, listening for desired communication results, the application of valid critical thinking and problem solving processes, and presentation skills. This course is designed to prepare students who are ready to go into the workplace. While this is not a course in public speaking, oral presentations will be required.

Course Code: Long Name: Professional Comm Dual Language (PROFCOMM)
Short Name: Pro Comm **Recommended Grade Placement:** 9-12 **0.5 STAT**
Service Id: 13009900 [TEKS](#) **GPA:** TIER 3 **Duration:**
Part Credit Per Part: **Prerequisite:** NONE

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Course Code: Long Name: Debate 1 Dual Language (DEBATE 1)
Short Name: Debate 1 **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part Credit Per Part: **Prerequisite:** None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students enrolled in debate will learn about the principles of debate and its relevance to society through research, persuasive speaking, logic, argumentation, and refutation. Students will apply these principles through discussion of controversial topics and current events

Part Credit Per Part: **Recommended Prerequisite:** Part 1 (HK1100Y1)

Description: Students enrolled in the second semester will refine their knowledge of the principles of debate. Students will now use their knowledge of argumentation and apply it to evidence. Students will also learn about the simple organization of cases and arguments.

Course Code: Long Name: Debate 2 Dual Language (DEBATE 2)
Short Name: Debate 2 **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 03240700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part Credit Per Part: **Prerequisite:** None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will apply the knowledge attained in Debate 1 to this semester. Students taking the second level of debate will be exposed to value debate and policy debate. Analysis of different issues along with societal impacts will be discussed. Cross-examination techniques and delivery will be reinforced. Evidence will be analyzed to see if it is appropriate for the resolution and appropriate for the argument made. Additionally, this course will allow students to construct cases, briefs, case disadvantages and critiques.

Part Credit Per Part:

Description: In Part 2, students will continue to work on either policy debate or value debate, as well as student congress. Students will also continue to construct cases, briefs, case disadvantages, and critiques. At this point, students who are interested in debating on the competitive level will apply their knowledge of debate and begin to scout tournaments. If a student chooses to do Lincoln-Douglas Debate and Cross-Examination Debate, students will also become familiar with philosophical theories.

Course Code: Long Name: Public Speaking Dual Language (PUBSPKG1)
Short Name: Pub Spk **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part Credit Per Part: Prerequisite: None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Students will learn the concepts and skills needed to prepare and present public messages. This course will allow students to present and prepare these messages as well as allow them to analyze and evaluate other's speeches. Students will gain skills in reading, writing, speaking, listening, and thinking while applying memory, organization, research, and delivery skills. This is an elective course.

Part Credit Per Part:

Description: The second part will further develop student's public speaking skills by taking an in-depth study of discourse. Students will now apply their background knowledge to many situations including persuasive and informative speaking. This is an elective course.

Dual Language LOTE

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Course Code: HF330QY1 **Long Name:** Span 3 PAP Span Speaker & Dual SPAN 3
Short Name: SPAN 3 PAPSSDL **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: 03440300 [TEKS](#) **GPA:** TIER 2 **Duration:** Year

Part 1 Credit Per Part: 0.5 **Prerequisite:** Spanish 2 or demonstrate proficiency

This rigorous course focuses on maximizing fluency in the reading and listening comprehension, speaking, and writing of the Spanish language in preparation for the AP Spanish Language Course. The course incorporates the study of the Spanish language and Hispanic cultures, history, and literature to form a base for analytical writing that demonstrates correct grammar and critical writing concepts, formats, and styles.

Part 2 Credit Per Part: 0.5

A strong focus is also placed on refining the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level 3 reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF48U0Y1 **Long Name:** Cultural and Linguistic Topics Dual lang SPANCLT
Short Name: SPANCLT DL **Recommended Grade Placement:** 9-12 **1.0 credit STATE**
Service Id: 03440800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

This is a non-sequential course that introduces students to the study of Spanish cultures. Students gain the knowledge to understand the historical development, geographical aspects, cultural aspects, and/or linguistic aspects of selected Spanish-speaking countries.

Dual Language CTE

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Course Code: Long Name: Concepts of Engineering and Technology (CONCENGT)
Short Name: Concept **Recommended Grade Placement:** 9-12 1.0 credit STAT
Service Id: #13036200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part Credit Per Part: Prerequisite: NONE

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Concepts of Engineering and Technology provide 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. Upon completing this course, students will have an understanding of the various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

HT1S00Y1 qualifies for the EPISD Technology requirement.

Course Code: HT3TUQY1 **Long Name:** Prob & Sol 1 Dual language PAP (CONCENGT)
Short Name: Prob & Sol **Recommended Grade Placement:** 11-12 1.0 credit STAT
Service Id: #13036200 **TEKS** **GPA:** TIER 2 **Duration:** Year
Part 1/Part Credit Per Part: Prerequisite: NONE

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Problems and Solutions is a project-based research course for students who have the ability to research a real-world problem. Students develop a project on a topic related to career interests, use scientific methods of investigation to conduct in-depth research, are matched with a mentor from the business or professional community, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge, skills, and technologies in a variety of settings.

CONNECTING LANGUAGES

Languages Other Than English (LOTE)

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Course Code: HF1180Y1 **Long Name:** American Sign Language –Level 1 **ASL**
Short Name: ASL 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03980100 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

School (s): Burges High School Only

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

This course introduces the sign language alphabet, numbers, basic sign vocabulary and syntax, and fingerspelling 3-4 letter words. Students learn expressive sign skills as well as receptive sign skills. They learn to introduce themselves, discuss basic surroundings and family information, give basic directions, ask for help, and explore occupations. Students are introduced to Deaf culture and to participate in basic conversations.

Part 2 Credit Per Part: 0.5

This course continues to reinforce the sign language alphabet, numbers, basic sign vocabulary and syntax. Topics emphasized during ALS 2 include the continuation of previously taught topics for additional practice and review.

Course Code: HF2280Y1 **Long Name:** American Sign Language - 3 **ASL**
Short Name: ASL 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03980200 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

School (s): Burges High School Only

Part 1 Credit Per Part: 0.5 **Prerequisite:** ASL 1

American Sign Language 2 continues with a greater signed vocabulary, additional grammatical skills, and a higher level of conversational skills. This course reviews the basic ASL skills and develops students' grammar and syntax to communicate using expressive & receptive skills. Increased attention is given to the deaf culture.

Part 2 Credit Per Part: 0.5

This course continues to reinforce the sign language alphabet, numbers, basic sign vocabulary and syntax. Topics emphasized during ALS 2 include the continuation of previously taught topics for additional practice and review.

Course Code: HF3380Y1 **Long Name:** American Sign Language-Level 3 **ASL**
Short Name: ASL 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03980300 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

School (s): Burges High School Only

Part 1/Part2 Credit Per Part: 0.5 **Prerequisite:** ASL1 & ASL 2

Course Description: Acquiring American Sign Language incorporates both expressive and receptive communication skills. Students develop these communication skills by using knowledge of the language, including grammar, and culture, communication and learning strategies, technology, and content from other subject areas to socialize, to acquire and provide information, to express feelings and opinions, and to get others to adopt a course of action. While knowledge of other cultures, connections to other disciplines, comparisons between languages and cultures, and community interaction all contribute to and enhance the communicative language learning experience, communication skills are the primary focus of language acquisition.

Course Code: HF1120Y1 **Long Name:** French 1 **FREN 1**

Short Name: FREN 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03410100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

At the novice proficiency level, this course introduces students to the four basic skills of language learning (listening, speaking, reading and writing). Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the French language as much as is possible at this stage of language learning.

Part 2 Credit Per Part: 0.5

Students in Level 1 also develop appropriate grammatical concepts and learn about the culture and people who speak the French language. Students will use the skills of listening, speaking, and writing to reinforce their reading skills in the target language. This continuing beginning level course will extend the foundation for French proficiency at the novice level.

Course Code: HF2220Y **Long Name:** French 2 **FREN 2**
Short Name: FREN 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03410200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** French 1 or demonstrate Proficiency

Level 2 of Languages Other Than English continues skill development in the four basic skill areas. Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the French language as much as is possible at this stage of language learning.

Part 2 Credit Per Part: 0.5

This continuing French level 2 course reviews and refines grammatical concepts and increases students' cultural knowledge. Students use the skills of listening, speaking, and writing to reinforce reading in the target language.

Course Code: HF332QY1 **Long Name:** French 3 PAP **FREN 3 PAP**
Short Name: FREN 3 PAP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03410300 [TEKS](#) **GPA:** TIER 2 **Duration:** Year
School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** French 2 or demonstrate Proficiency

This is a rigorous course taught almost entirely in the French language, focusing on maximizing fluency in reading and listening comprehension, speaking, and writing of the French language in preparation for the AP French Language course. Additional in-depth studies of francophone culture and of French-speaking people throughout the world are included.

Part 2 Credit Per Part: 0.5

This course provides students with a strong focus on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning

Course Code: HF4520Y1 **Long Name:** French 5 (State Name)
Short Name: FREN 5 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03410500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** French 4 AP

Level 5 of Languages Other Than English permits students to continue study of their chosen language while refining their speaking, listening, reading and writing skills at the advanced level of proficiency.

Part 2 Credit Per Part: 0.5

The students develop the ability to analyze critically and discuss representative works from French Literature as well as write critical essays in the target language. This level 5 course is taught entirely in French, the students develop the ability to analyze critically and discuss representative works of French literature.

Course Code: HF1140Y1 **Long Name:** Japanese 1 **JAPN 1**

Short Name: JAPN 1 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**

Service Id: 03120100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

School (s): Coronado HS

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Level 1 of Languages Other Than English introduces students to the four basic skills of language learning (listening, speaking, reading and writing). Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students in Level 1 also develop appropriate grammatical concepts and learn about the culture and people who speak the target language.

Part 2 Credit Per Part: 0.5

Students will demonstrate knowledge of Japanese at novice-low, novice-mid proficiency level tasks. Students will master Hiragana- 50 letters and sounds, Katakana-50 letters and sounds and learn cultural components.

Course Code: HF2240Y1 **Long Name:** Japanese 2 **JAPN 2**

Short Name: JAPN2 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**

Service Id: 03120200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Japanese 1 or demonstrate proficiency

Level 2 of Languages Other Than English continues skill development in the four basic skill areas. Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level II reviews and refines grammatical concepts and increases students' cultural knowledge. Students will use the skills of listening, speaking, and writing to reinforce the skill of reading

Part 2 Credit Per Part: 0.5

A study of Japanese culture, customs, history, and traditions are increased so as to enrich cultural experiences and understanding and to provide meaningful situations for the practice and improvement of language skills.

Course Code: HF3340Y1 **Long Name:** Japanese 3 PAP **JAPN 3**

Short Name: JAPN3 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**

Service Id: 03120300 [TEKS](#) **GPA:** TIER 2 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Japanese 2 or demonstrate proficiency

This course develops higher-level student proficiency in listening, speaking, reading and writing in Japanese. Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students read and participate in teacher-led discussions in the Japanese language. They study advanced grammatical concepts and the culture and civilization of speakers of the target language.

Part 2 Credit Per Part: 0.5

Students expand their ability to perform intermediate tasks and develop their ability to perform the tasks of the intermediate language learner when dealing with everyday topics. Oral and written tasks integrate those topics learned in Level and Level 2.

Course Code: HF4540Y1 **Long Name:** Japanese 5 JAPN 5
Short Name: JAPN 5 **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: 03120500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Coronado HS

Part 1 Credit Per Part: 0.5 **Prerequisite:** Japanese AP

Level 5 of Languages Other Than English permits students to continue study of their chosen language while refining their speaking, listening, reading and writing skills at the advanced level of proficiency

Part 2 Credit Per Part: 0.5

This course is taught almost entirely in the Japanese language. Oral and written tasks include topics from all previous levels with more depth and are integrated with a wider array of communicative topics. Students apply all writing characters in analytical compositions and explore varied styles of used in the media, formal, and informal presentations.

Course Code: HF1160Y1 **Long Name:** Russian 1 RUSS 1
Short Name: RUSS 1 **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: 03450100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

This course guides students in the development of a beginning or novice level of proficiency in speaking, listening, reading, and writing Russian. The course includes the study of the Russian alphabet and sound system and the introduction of main grammar concepts with direct attention given to oral-aural skills. Studies of Russian history and culture are introduced to enhance the understanding of the Russian people, language, and alphabet.

Part 2 Credit Per Part: 0.5

Strong focus is placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning.

Course Code: HF2260Y1 **Long Name:** Russian 2 **RUSS 2**
Short Name: RUSS 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03450200 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Russian 1 or demonstrate proficiency

This course expands experiences and material learned in Russian 1. The goal is to increase the level of proficiency in listening and reading comprehension, speaking, and writing with the Russian alphabet. Studies of culture, customs, history and traditions are increased as a vehicle to enrich cultural experiences and understanding and to provide meaningful situations for the practice and improvement of language skills.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level 2 reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF3360Y1 **Long Name:** Russian 3 **RUSS 3**
Short Name: RUSS 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03450300 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Russian 2 or demonstrate proficiency

This course is largely taught in the Russian language to increase the opportunities to develop a solid intermediate level of proficiency in speaking and listening as well as expand the students' reading and writing skills in the Russian language and alphabet. In-depth studies of culture, customs, history, literature, and traditions are increased to assist in the development of communication skills. Students also experience face-to-face conversations with each other and other speakers of the Russian language to encourage independent communication in listening and speaking.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students read and participate in teacher-led discussions in the target language. They study advanced grammatical concepts and the culture and civilization of speakers of the target language.

Course Code: HF4460Y1 **Long Name:** Russian 4 **RUSS 4**
Short Name: RUSS 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03450400 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Russian 3 or demonstrate proficiency

Level 4 students will read and participate in teacher-led discussions in the target language. They will study advanced grammatical concepts and the culture and civilization of the speakers of the target language. Students of Russian will use the skills of listening, speaking, and writing to reinforce reading.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning.

Course Code HF4560Y1 **Long Name:** Russian 5 **RUSS 4**
Short Name: RUSS 5 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03450500 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Russian 4 or demonstrate proficiency

Level 5 students will read and participate in teacher-led discussions in the target language. They will study advanced grammatical concepts and the culture and civilization of the speakers of the target language. Students of Russian will use the skills of listening, speaking, and writing to reinforce reading.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning.

Course Code: HF1130Y1 **Long Name:** German 1 **GERMAN 1**
Short Name: GERMAN 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03420100 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Address, Chapin, Coronado, Franklin High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

This course is a study of the German language and culture incorporating the development of listening and reading comprehension, speaking, and writing. Students in this course develop the ability to greet and respond to greetings, introduce and respond to introductions, engage in simple and short conversations, express likes and dislikes, make requests, obtain information, understand some ideas and familiar details, and begin to provide information.

Part 2 Credit Per Part: 0.5

The course continues to focus on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students in Level 1 also develop appropriate grammatical concepts and learn about the culture and people who speak the target language.

Course Code: HF2230Y1 **Long Name:** German 2 **GERMAN 2**
Short Name: GERMAN 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03420200 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Address, Chapin, Coronado, Franklin High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** German 1 or demonstrate proficiency

In this course students expand their ability to perform all the functions developed in Level 1. They also develop the ability to make requests, express needs, understand and express important ideas and details, describe, compare, and use and understand expressions indicating emotions. This course integrates the study of the German language and culture incorporating the development of listening and reading comprehension, speaking, and writing.

Part 2 Credit Per Part: 0.5

Level 2 of Languages Other Than English continues skill development in the four basic skill areas. Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. In this course students continue to review and refine grammatical concepts and increases their cultural knowledge.

Course Code: HF330QY1 **Long Name:** German 3 PAP **GERMAN 3**
Short Name: GERMAN 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03420300 **TEKS** **GPA:** TIER 2 **Duration:** Year

School (s): Andress, Chapin, Coronado, Franklin High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** German 2 or demonstrate proficiency

This is a rigorous course taught almost entirely in the German language. It focuses on maximizing fluency in reading and listening comprehension, speaking, and writing the German language in preparation for the AP German Language course. The course incorporates the study of German language, cultures, history, and literature to form a base for analytical writing that demonstrates correct grammar applications, and critical writing concepts, formats, and styles.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students read and participate in teacher-led discussions in the target language. They study advanced grammatical concepts and the culture and civilization of speakers of the target language.

Course Code: HF4430Y1 **Long Name:** German 4 **GERMAN 4**

Short Name: GERMAN 4 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**

Service Id: 03420400 **TEKS** **GPA:** TIER 3 **Duration:** Year

School (s): Andress, Chapin, Coronado, Franklin High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** German 3 or demonstrate proficiency

This course continues to provide instruction and opportunities to students for progress through intermediate to advanced levels of **proficiency in speaking and listening as well as for expanding reading and writing skills in the German language. Taught almost entirely in the German language, the course includes a more in-depth study of German culture and civilization.**

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students read and participate in teacher-led discussions in the target language. They study advanced grammatical concepts and the culture and civilization of speakers of the target language.

Course Code: HF4530Y1 **Long Name:** German 5 **GERMAN 5**

Short Name: GERMAN 5 **Recommended Grade Placement:** 9-12 **1.0 credit STATE**

Service Id: 03420500 **TEKS** **GPA:** TIER 3 **Duration:** Year

School (s): Andress, Chapin, Coronado, Franklin High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** German 4 or demonstrate proficiency

This course permits students to continue study of their chosen language while refining their speaking, listening, reading and writing skills at the advanced level of proficiency. They will study advanced grammatical concepts and the culture and civilization of the speakers of the target language. Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language at the advanced level of proficiency.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** None

Level 5 students will continue to read and participate in teacher-led discussions in the target language. They study advanced grammatical concepts and the culture and civilization of speakers of the target language. This course is conducted in German.

Course Code: HF1110Y1 **Long Name:** Spanish 1 SL **SPAN**

Short Name: SPAN 1 SL **Recommended Grade Placement:** 9-12 **1.0 credit STATE**

Service Id: 03440100

TEKS

GPA: TIER 3

Duration: Year

School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

This course is an introduction to the Spanish language, grammar, and Hispanic cultures while developing the skills in listening and reading comprehension, speaking, and writing. The main goal for this course is for students to progress toward a novice-high level ability in using Spanish in school and in the community.

Part 2 Credit Per Part: 0.5

A strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the target language as much as is possible at this stage of language learning. Students in Level 1 also develop appropriate grammatical concepts and learn about the culture and people who speak the target language.

Course Code: HF2210Y1

Long Name: Spanish 2 SL

SPAN

Short Name: SPAN 2 SL

Recommended Grade Placement: 9-12

1.0 credit

STATE

Service Id: 03440100

TEKS

GPA: TIER 3

Duration: Year

School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Spanish 1 SL or demonstrate proficiency

Level 2 of Languages Other Than English continues skill development in the four basic skill areas: listening, speaking, reading and writing in the target language. In this course students expand their ability to perform all the functions developed in Level 1. They also develop the ability to make requests, express needs, understand and express important ideas and details, describe, compare, and use and understand expressions indicating emotions.

Part 2 Credit Per Part: 0.5

A strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level II reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF1100Y1

Long Name: Spanish 1 for SS

SSSPAN 1

Short Name: SSSPAN 1

Recommended Grade Placement: 9-12

1.0 credit

STATE

Service Id: 03440110

TEKS

GPA: TIER 3

Duration: Year

School (s): All High Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

This course incorporates the study of the Spanish language and Hispanic culture to assist students in the understanding and appreciation of Hispanic culture. The main objective is to enrich the students' total language experience by building on the language proficiency they already possess. Their skills are enhanced in accordance with the level of language proficiency of the student. The focus is on increasing students' ability to use Spanish flexibly for both formal and informal situations and on developing their literacy skills.

Part 2 Credit Per Part: 0.5

A strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the target language as much as is possible at this stage of language learning. Students in Level 1 also develop appropriate grammatical concepts and learn about the culture and people who speak the target language.

Course Code: HF2200Y1 **Long Name:** Spanish 2 for SS **SSSPAN 2**
Short Name: SSSPAN 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03440220 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Spanish 1 SS or demonstrate proficiency

Level 2 of Languages Other Than English continues skill development in the four basic skill areas: listening, speaking, reading and writing in the target language. In this course students expand their ability to perform all the functions developed in Level 1. They also develop the ability to make requests, express needs, understand and express important ideas and details, describe, compare, and use and understand expressions indicating emotions.

Part 2 **Credit Per Part:** 0.5

A strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level II reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF330QY1 **Long Name:** Spanish 3 PAP **SPAN 3**
Short Name: SPAN 3 PAP **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03440300 **TEKS** **GPA:** TIER 2 **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Spanish 2 or demonstrate proficiency

This rigorous course focuses on maximizing fluency in the reading and listening comprehension, speaking, and writing of the Spanish language in preparation for the AP Spanish Language Course. The course incorporates the study of the Spanish language and Hispanic cultures, history, and literature to form a base for analytical writing that demonstrates correct grammar and critical writing concepts, formats, and styles.

Part 2 **Credit Per Part:** 0.5

A strong focus is also placed on refining the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level 3 reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF3310Y1 **Long Name:** Spanish 3 **SPAN 3**
Short Name: SPAN 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03440300 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Spanish 2 or demonstrate proficiency

This rigorous course focuses on maximizing fluency in the reading and listening comprehension, speaking, and writing of the Spanish language at this higher level student proficiency. The course incorporates the study of the Spanish language and Hispanic cultures, history, and literature to form a base for analytical writing that demonstrates correct grammar and critical writing concepts, formats, and styles.

Part 2 **Credit Per Part:** 0.5

A strong focus is also placed on refining the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level 3 reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF450QY1 **Long Name:** Spanish 5 PAP **SPAN 5**
Short Name: SPAN 5 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03440500 [TEKS](#) **GPA:** TIER 2 **Duration:** Year
School (s): All High Schools

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Spanish 4 or demonstrate proficiency

This course is intended for students who wish to continue study of their chosen language beyond the fourth year in order to further refine their speaking, listening, reading and writing skills at the advanced level of proficiency. The Spanish 5 course is intended for students who are being prepared to take the AP Spanish Literature and Culture Examination. Level 5 students will continue to read in the target language and to participate in teacher-led discussions. They will study advanced grammatical concepts and the culture and civilization of the speakers of the target language.

Part 2 **Credit Per Part:** 0.5

A strong focus is also placed on refining the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the target language at this advanced proficient stage of language learning.

Course Code: HF4600Y1 **Long Name:** Spanish 6 **SPAN 6**
Short Name: SPAN 6 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03440600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All High Schools

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Spanish 5 or demonstrate proficiency

Course Description: Level 6 of Languages Other Than English is an advanced course in which all language skills are practiced and enhanced. Discussion is entirely in the target language as students continue to further refine their speaking, listening, reading and writing skills at the advanced level of proficiency.

Course Description: A strong focus is also placed on refining the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the target language at this advanced level of proficiency.

Course Code: HF4800Y1 **Long Name:** Spanish Cultural and Linguistic Topics **SPANCLT**
Short Name: SPANCLT **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03440800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s):

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

This is a non-sequential course that introduces students to the study of Spanish cultures. Students gain the knowledge to understand the historical development, geographical aspects, cultural aspects, and/or linguistic aspects of selected Spanish-speaking countries.

Course Code: HF1190Y1 **Long Name:** Special Topics in Language and Culture **SPANCLT**

Short Name: Spectcl **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 11410000 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s):

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: In the Special Topics in Language and Culture course, students demonstrate novice level communication skills acquired in a LOTE level I course, develop a greater understanding of other cultures, make connections to other disciplines, draw comparisons between languages and cultures, and effectively engage in global communities. Students enhance their personal and public lives, and meet the career demands of the 21st century, by gaining insight into other world languages and cultures.

Course Code: HF1150Y1 **Long Name:** Latin 1 **RUSS 1**
Short Name: Latin 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03430100 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s):

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

This course guides students in the development of a beginning or novice level of proficiency in speaking, listening, reading, and writing Latin. The course includes the study of the Russian alphabet and sound system and the introduction of main grammar concepts with direct attention given to oral-aural skills. Studies of Russian history and culture are introduced to enhance the understanding of the Latin people, language, and alphabet.

Part 2 **Credit Per Part:** 0.5

Strong focus is placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning.

Course Code: HF2250Y1 **Long Name:** Latin 2 **RUSS 2**
Short Name: Latin 2 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03430200 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s):

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Latin 1 or demonstrate proficiency

This course expands experiences and material learned in Latin 1. The goal is to increase the level of proficiency in listening and reading comprehension, speaking, and writing with the Latin alphabet. Studies of culture, customs, history and traditions are increased as a vehicle to enrich cultural experiences and understanding and to provide meaningful situations for the practice and improvement of language skills.

Part 2 **Credit Per Part:** 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Level 2 reviews and refines grammatical concepts and increases students' cultural knowledge.

Course Code: HF3350Y1 **Long Name:** Latin 3 **RUSS 3**
Short Name: Latin 3 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03430300 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s):

Part 1 Credit Per Part: 0.5 **Prerequisite:** Latin 2 or demonstrate proficiency

This course is largely taught in the Latin language to increase the opportunities to develop a solid intermediate level of proficiency in speaking and listening as well as expand the students' reading and writing skills in the Latin language and alphabet. In-depth studies of culture, customs, history, literature, and traditions are increased to assist in the development of communication skills. Students also experience face-to-face conversations with each other and other speakers of the Latin language to encourage independent communication in listening and speaking.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning. Students read and participate in teacher-led discussions in the target language. They study advanced grammatical concepts and the culture and civilization of speakers of the target language.

Course Code HF4450Y1 **Long Name:** Latin 4 **RUSS 4**
Short Name: Latin 4 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03430400 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Coronado H.S.

Part 1 Credit Per Part: 0.5 **Prerequisite:** Latin 3 or demonstrate proficiency

Level 4 students will read and participate in teacher-led discussions in the target language. They will study advanced grammatical concepts and the culture and civilization of the speakers of the target language. Students of Latin will use the skills of listening, speaking, and writing to reinforce reading.

Part 2 Credit Per Part: 0.5

Strong focus is also placed on developing the three modes of communication: presentational, interpretive and interpersonal, with both the teacher and student using the language as much as is possible at this stage of language learning.

Special Education Fine Arts

Course Code: HA1AAVY1 **Long Name:** Art 1, A Fine Arts

Short Name: Art 1 A **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03500110 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Art 1, Art Appreciation, students will be introduced variety media, concepts and techniques. This will include elements and principles of design, sequential techniques with drawing, painting, printmaking, lowrelief sculpture, ceramics and digital media. As an introductory course students practice skills, explore historical and cultural relevance, gain an understanding of creative expression and learn to respond and evaluate artwork through close observation using critical thinking.

Course Code: HA1AMVY1 **Long Name:** Art 1 M Fine Arts

Short Name: Art 1 M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03500110 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Art 1, Art Appreciation, students will be introduced variety media, concepts and techniques. This will include elements and principles of design, sequential techniques with drawing, painting, printmaking, lowrelief sculpture, ceramics and digital media. As an introductory course students practice skills, explore historical and cultural relevance, gain an understanding of creative expression and learn to respond and evaluate artwork through close observation using critical thinking.

Course Code: HA2AAVY1 **Long Name:** Art 2 Draw A Fine Arts

Short Name: Art 2 Draw A **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: 03500500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art 2 Drawing 1, is designed to continue a sequential study of drawing, color theory, through printmaking, technology and three-dimensional studies. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Computer-manipulated works may be incorporated into the curriculum. Pre requisite: One full credit of Art 1

Course Code: HA2AMVY1 **Long Name:** Art 2 Draw M Fine Arts
Short Name: Art 2 Draw M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03500500 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Art 1

Course Description: Art 2 Drawing 1, is designed to continue a sequential study of drawing, color theory, through printmaking, technology and three-dimensional studies. Formal compositions will be completed in realistic, abstract, and non-objective styles. Students will build upon skills learned in Art I. Computer-manipulated works may be incorporated into the curriculum. Pre requisite: One full credit of Art 1

Course Code: HA1CAVY1 **Long Name:** Choir 1 A Fine Arts
Short Name: Choir 1 A **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn music literature and apply knowledge and skills to developing proficiency in choir. Students sing new material that they have read independently. Technical expectations include expansion of reading material to the major keys of C, F, G, D, B-flat and relative minors; reading simple and compact meters and asymmetric rhythms including sixteenth notes; listening to and performing three-part and four part literature; developing vocal and choral techniques such as vowel production, expansion of vocal range, intonation awareness, balance, and blend; and expressive singing and stylistic representation.

Course Code: HA1CMVY1 **Long Name:** Choir 1 M Fine Arts
Short Name: Choir 1 M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03150900 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students learn music literature and apply knowledge and skills to developing proficiency in choir. Students sing new material that they have read independently. Technical expectations include expansion of reading material to the major keys of C, F, G, D, B-flat and relative minors; reading simple and compact meters and asymmetric rhythms including sixteenth notes; listening to and performing three-part and four part literature; developing vocal and choral techniques such as vowel production, expansion of vocal range, intonation awareness, balance, and blend; and expressive singing and stylistic representation

Course Code: HA2CAVY1 **Long Name:** Choir 2 A Fine Arts
Short Name: Choir 2 A **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151000 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Choir 1

Course Description: Classes focus on student vocal performance as part of an ensemble. As students gain greater independence in lines of their score, they recognize that a greater understanding of the complexity of rhythmic and harmonic concepts is essential. They understand each part separately and as integral components of the composition as a whole.

Course Code: HA2CMVY1 **Long Name:** Choir 2 M Fine Arts
Short Name: Choir 2 M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03151000 [TEKS](#) **Duration:** Year

School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Choir 1

Course Description: Classes focus on student vocal performance as part of an ensemble. As students gain greater independence in lines of their score, they recognize that a greater understanding of the complexity of rhythmic and harmonic concepts is essential. They understand each part separately and as integral components of the composition as a whole.

Special Education Science

Course Code: HC10AVY1 **Long Name:** Biology A (BIO)
Short Name: Bio A **Recommended Grade Placement:** Grade 9, 10, or 11 **1.0 credit** **STATE**
Service Id: 03010207 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None.

Course Description: In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

Course Code: HC10MVY1 **Long Name:** Biology M (BIO)
Short Name: Bio M **Recommended Grade Placement:** Grade 9, 10, or 11 **1.0 credit** **STATE**
Service Id: 03010205 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None.

Course Description: In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

Course Code: HC12AVY1 **Long Name:** Integrated Physics And Chemistry A (IPC)
Short Name: IPC A **Recommended Grade Placement:** Grade 9 or 10 **1.0 credit** **STATE**
Service Id: 03060201 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None.

Course Description: In integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific methods, during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.

Course Code: HC12MVY1 **Long Name:** Integrated Physics And Chemistry M (IPC)
Short Name: IPC M **Recommended Grade Placement:** Grade 9 or 10 **1.0 credit** **STATE**
Service Id: 03060201 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None.

Course Description: In integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific methods, during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.

Course Code: HC20AVY1 **Long Name:** Chemistry A (CHEM)
Short Name: Chem A **Recommended Grade Placement:** Grade 10, 11, or 12 **1.0** **STATE**
Service Id: 03040007 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** One unit of high school science and Algebra I. Suggested prerequisite: completion of or concurrent enrollment in a second year of math.

Course Description: In Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

Course Code: HC20MVY1 **Long Name:** Chemistry M (CHEM)
Short Name: Chem M **Recommended Grade Placement:** Grade 10, 11, or 12 **1.0** **STATE**
Service Id: 03040005 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** One unit of high school science and Algebra I. Suggested prerequisite: completion of or concurrent enrollment in a second year of math.

Course Description: In Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

Course Code: HC30AVY1 **Long Name:** Physics A (PHYSIC)
Short Name: Physics A **Recommended Grade Placement:** Grade 9, 10, 11, or 12. **1.0** **STATE**
Service Id: 03050007 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Algebra I is suggested as a prerequisite or co-requisite.

Course Description: 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 peers, and develop critical thinking skills.

Course Code: HC30MVY1 **Long Name:** Physics M (PHYSIC)
Short Name: Physics M **Recommended Grade Placement:** Grade 9, 10, 11, or 12. **1.0** **STATE**
Service Id: 03050005 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I is suggested as a prerequisite or co-requisite.

Course Description: 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 peers, and develop critical thinking skills.

Course Code: HC43AVY1 **Long Name:** Environmental System A (ENVIRSYS)
Short Name: Environ Sys A **Recommended Grade Placement:** Grade 11 or 12. **1.0** **STATE**
Service Id: 03020007 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended one unit high school life science and one unit of high school physical science.

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

Course Code: HC43MVY1 **Long Name:** Environmental System M (ENVIRSYS)
Short Name: Environ Sys M **Recommended Grade Placement:** Grade 11 or 12. **1.0** **STATE**
Service Id: 3020000 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended one unit high school life science and one unit of high school physical science.

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

Special Education English Language Arts

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Course Code: HE10MVY1 **Long Name:** Eng 1 M (ENG 1)
Course Code: HE1OAVY1 **Long Name:** Eng 1 A

Short Name: Eng 1 M **Recommended Grade Placement:** 9 **1 credit** **State**
Short Name: Eng 1 A

Service Id: 03220105 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Students enrolled in Part 1 of English I read extensively in multiple genres from world literature. They learn literary forms and terms and interpret the possible influences of the historical context on a literary work. STAAR reading and writing objectives are identified, taught, and reinforced throughout the semester. English I provides practice in all forms of writing, especially the literary and expository essay; students write to persuade, to report, and to describe. They edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English, with the goal of producing error-free final drafts.

This course has modified/ alternate achievement standards.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** None

Students enrolled in Part 2 of English II refine their literary analysis skills through reading and responding to a wide variety of fiction, nonfiction, and poetry selections. Students gain more experience in planning, drafting, proofreading, and editing compositions. Reinforcement of STAAR reading and writing objectives continues.

This course has modified/ alternate achievement standards.

Course Code: HE20AVY1 **Long Name:** Eng 2 A (ENG 2)
Course Code: HE20MVY1 **Long Name:** Eng 2 M

Short Name: Eng 2 A **Recommended Grade Placement:** 10 **1 credit** **State**
Short Name: Eng 2 M

Service Id: 03220207 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Students enrolled in Part 1 of English II will continue to increase and refine their communication skills. An emphasis is placed on expository and persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing such as response to literature, reflective essays, and autobiographical narratives. Students apply basic library and research skills to create short, documented reports.

They continue to read selections in multiple genres including the short story, the novel, and poetry. Students enrolled in English II The study of archetypes and cultural literacy provide a frame of reference for literary allusions. Vocabulary development and word relationships are addressed in preparation for the ACT PLAN. Reading and writing TAKS objectives are addressed throughout the course.

This course has modified/ alternate achievement standards.

Part 2 Credit Per Part: 0.5

Students enrolled in Part 2 of English II will add drama to their study of genres and read at least one additional novel. They continue to read a wide variety of selections from nonfiction, American literature, English literature, and world literature in translation. TAKS objectives are reinforced.

This course has modified/ alternate achievement standards.

Course Code: HE30AVY1	Long Name: Eng 3 A	(ENG 3)
Course Code: HE30MVY1	Long Name: Eng 3 M	
Short Name: Eng 3 A	Recommended Grade Placement: 11	1 credit
Short Name: Eng 3 M		State
Service Id: 03220307	TEKS	GPA: TIER 3
School (s): All Schools		Duration: Year

Part 1 Credit Per Part: 0.5 Prerequisite: None

The literary focus of English III is American literature from 1600 to 1890. In addition, students practice all forms of writing, using the writing process to draft, revise, and edit their writing, resulting in error-free final compositions. An emphasis is placed on persuasive forms of writing such as logical arguments, and expressions of opinion, and personal forms of writing such as response to literature, analytical and reflective essays, and autobiographical narratives. Vocabulary development and word relationships are addressed in preparation for the PSAT. Because junior students take the exit-level TAKS, tested objectives are emphasized throughout the course.

This course has modified/ alternate achievement standards.

Part 2 Credit Per Part: 0.5 Prerequisite: None

As a continuation of English III, students will continue their study of American literature by reading selections dating from 1890 to the present. Students expand their writing and research skills by producing individual research papers relating to American culture/literature. TAKS objectives continue to be reinforced.

This course has modified/ alternate achievement standards.

Course Code: HE40AVY1	Long Name: Eng 4 A	ENGLISH LA 12
Course Code: HE40MVY1	Long Name: Eng 4 M	
Short Name: Eng 4 A	Recommended Grade Placement: 12	1 credit
Short Name: Eng 4 M		
Service Id: 03220400	TEKS	GPA: TIER 3
School (s): All Schools		Duration: Year

Part 1 Credit Per Part: 0.5 Prerequisite: None

Students enrolled in English 4 will read extensively in multiple genres from British literature written from the Anglo-Saxon period through the 18th century. Using advanced research and documentation skills, students write research papers related to English literature/culture. In addition, students are expected to write in a variety of other forms, including business forms and letters and personal, literary, and persuasive essays. Intensive vocabulary study helps students prepare for the SAT/ACT examinations.

This course has modified/ alternate achievement standards.

Part 2 Credit Per Part: 0.5

As a continuation of English 4, students continue their chronological study of British literature with works from the Romantic Age to the present. Students continue to refine their writing skills by applying logic, reasoning, and analysis. Preparation for the SAT/ACT exams continues.

This course has modified/ alternate achievement standards.

Course Code: HE1RMVY1 **Long Name: Rd 1 M** **READING 9**
Course Code: HE1RAVY1 **Long Name: Rd 1 A**
Short Name: Rd 1 M **Recommended Grade Placement: 9** **1 credit**
Short Name: Rd 1 A
Service Id: 03270700 **TEKS** **GPA: TIER 3** **Duration: Year**
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 Prerequisite: None

Reading I focuses on basic reading skills: (1) word recognition (2) vocabulary development (3) comprehension (4) literary elements (5) STAAR reading and writing objectives (6) strategies. Students are also required to write basic compositions. (Students receive elective credit. See counselor before enrolling.)

This course has modified/ alternate achievement standards.

Course Code: HE2RMVY1 **Long Name: Rd 2 M** **READING 10**
Course Code: HE2RAVY1 **Long Name: RD 2 A**
Short Name: Rd 2 M **Recommended Grade Placement: 10** **1 credit**
Short Name: Rd 2 A
Service Id: 03270800 **TEKS** **GPA: TIER 3** **Duration: Year**
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 Prerequisite: None

Reading II focuses on basic reading skills: (1) word recognition (2) vocabulary development (3) comprehension (4) literary elements (5) STAAR reading and writing objectives (6) strategies. Students are also required to write basic compositions. (Students receive elective credit. See counselor before enrolling.)

This course has modified/ alternate achievement standards.

Course Code: HE3RMVY1 **Long Name: Rd 3 M** **READING 11**
Course Code: HE3RAVY1 **Long Name: Rd 3 A**
Short Name: Rd 3 M **Recommended Grade Placement: 11** **1 credit**
Short Name: Rd 3 A
Service Id: 03270900 **TEKS** **GPA: TIER 3** **Duration: Year**
School (s): All Schools

Part 1/ Part 2 Credit Per Part: 0.5 Prerequisite: None

(Students continuing in Independent Study in English for more than two years can receive one-half local elective credit per course.)

This course has modified/ alternate achievement standards.

Special Education
Health
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Course Code: Long Name: Health M Health 1
Short Name: Health M **Recommended Grade Placement:** 9-12 **0.5 STAT**
Service Id: 03810100 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools

Part 1 Credit Per Part: Prerequisite: None

In Health 1, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting and communication skills to protect their health and that of the community.

Course Code: Long Name: Health A Health 1
Short Name: Health A **Recommended Grade Placement:** 9-12 **0.5 STAT**
Service Id: 03810100 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools

Part 1 Credit Per Part: Prerequisite: None

In Health 1, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting and communication skills to protect their health and that of the community.

Course Code: Long Name: Health Adv M Advanced Health
Short Name: Health **Recommended Grade Placement:** 11-12 **0.5 STAT**
Service Id: 03810200 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools

Part 1 Credit Per Part: Recommended Prerequisite: Health 1

In Advanced Health, students are provided opportunities for researching, discussing, and analyzing health issues. This higher level of involvement provides students with experiences designed to reinforce positive health behaviors. Students are given the opportunity to learn more about technology, how it affects health, and how to use electronic technology to gain health information. The emphasis in this course is less related to learning facts and more related to providing students with the skills necessary to access their own health information and services and become health literate.

Course Code: Long Name: Health Adv A Advanced Health
Short Name: Health **Recommended Grade Placement:** 11-12 **0.5 STAT**
Service Id: 3810200 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools

Part 1 Credit Per Part: Recommended Prerequisite: Health 1

In Advanced Health, students are provided opportunities for researching, discussing, and analyzing health issues. This higher level of involvement provides students with experiences designed to reinforce positive health behaviors. Students are given the opportunity to learn more about technology, how it affects health, and how to use electronic technology to gain health information. The emphasis in this course is less related to learning facts and more related to providing students with the skills necessary to access their own health information and services and become health literate.

Special Education Technology Applications

Course Code: HJ13AVY1 **Long Name:** Multimedia A (TADGDMP)
Short Name: Multimedia A **Recommended Grade Placement:** 9-12 **1.0** **STAT**
Service Id: 03580400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part 1/Part **Credit Per** **Recommended Prerequisite:**

Description: This course will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines.

This course has modified/ alternate achievement standards.

Special Education Communication

Course Code: **Long Name:** Communication Applications A (COMMAPP)
Short Name: Comm **Recommended Grade Placement:** 10-12 **0.5** **STAT**
Service Id: 03241400 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools
Part **Credit Per Part:** **Prerequisite:** None

Description: In this class, students will understand and develop communication skills, which will benefit them in professional and personal relationships. These skills include sending verbal messages, choosing effective non-verbal behaviors, listening for desired communication results, the application of valid critical thinking and problem solving processes, and presentation skills. This course is designed to prepare students who are ready to go into the workplace. While this is not a course in public speaking, oral presentations will be required.

Course Code: **Long Name:** Communication Applications M (COMMAPP)
Short Name: Comm Apps **Recommended Grade Placement:** 10-12 **0.5** **STAT**
Service Id: 03241400 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools
Part **Credit Per Part:** **Prerequisite:** None

Description: In this class, students will understand and develop communication skills, which will benefit them in professional and personal relationships. These skills include sending verbal messages, choosing effective non-verbal behaviors, listening for desired communication results, the application of valid critical thinking and problem solving processes, and presentation skills. This course is designed to prepare students who are ready to go into the workplace. While this is not a course in public speaking, oral presentations will be required.

Course Code: Long Name: Public Speaking 1 A (PUBSPKG1)
Short Name: Pub Spk 1 **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part Credit Per Part: Prerequisite: None

Description: Students will learn the concepts and skills needed to prepare and present public messages. This course will allow students to present and prepare these messages as well as allow them to analyze and evaluate other's speeches. Students will gain skills in reading, writing, speaking, listening, and thinking while applying memory, organization, research, and delivery skills. This is an elective course.

Part Credit Per Part:

Description: The second part will further develop student's public speaking skills by taking an in-depth study of discourse. Students will now apply their background knowledge to many situations including persuasive and informative speaking. This is an elective course.

Course Code: Long Name: Public Speaking 1 M (PUBSPKG1)
Short Name: Pub Spk 1 **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part Credit Per Part: Prerequisite: None

Description: Students will learn the concepts and skills needed to prepare and present public messages. This course will allow students to present and prepare these messages as well as allow them to analyze and evaluate other's speeches. Students will gain skills in reading, writing, speaking, listening, and thinking while applying memory, organization, research, and delivery skills. This is an elective course.

Part Credit Per Part:

Description: The second part will further develop student's public speaking skills by taking an in-depth study of discourse. Students will now apply their background knowledge to many situations including persuasive and informative speaking. This is an elective course.

Course Code: Long Name: Public Speaking 2 A (PUBSPKG2)
Short Name: Pub Spk 2 A **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 03241000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part Credit Per Part: Prerequisite: None

Description: This is an elective course. In addition to creating speeches, students will present their speeches with a specific audience or purpose in mind. Students will have additional practice in different speech methods including the extemporaneous, memorized, and impromptu methods.

Part Credit Per Part:

Description: The second part is a continuation of the in-depth study and presentation of informative and persuasive speeches using the differing speech methods.

Course Code: HK22MVY1 **Long Name:** Public Speaking 2 M (PUBSPKG2)
Short Name: Pub Spk 2 M **Recommended Grade Placement:** 10-12 **1.0** **STAT**
Service Id: 03241000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part Credit Per Part: **Prerequisite:** None

Description: This is an elective course. In addition to creating speeches, students will present their speeches with a specific audience or purpose in mind. Students will have additional practice in different speech methods including the extemporaneous, memorized, and impromptu methods.

Part Credit Per Part:

Description: The second part is a continuation of the in-depth study and presentation of informative and persuasive speeches using the differing speech methods.

Course Code: HK32AVY1 **Long Name:** Public Speaking 3 A (PUBSPKG3)
Short Name: Pub Spk 3 A **Recommended Grade Placement:** 11-12 **1.0** **STAT**
Service Id: 03241100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part Credit Per Part: **Prerequisite:** None

Description: The focus of this course is on the rhetorical concepts of delivery, content and language choice. Students will also recognize and analyze speech forms, styles, and proofs. Students will also be expected to compete in a variety of festivals, tournaments and University Interscholastic League contests.

Part Credit Per Part:

Description: The second part will continue to focus on the concepts of delivery, content and language choice. Students will also continue to recognize and analyze speech form, styles, and proofs. Participation in competitions will be expected.

Course Code: HK32MVY1 **Long Name:** Public Speaking 3 M (PUBSPKG3)
Short Name: Pub Spk 3 M **Recommended Grade Placement:** 11-12 **1.0** **STAT**
Service Id: 03241100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools
Part Credit Per Part: **Prerequisite:** None

Description: The focus of this course is on the rhetorical concepts of delivery, content and language choice. Students will also recognize and analyze speech forms, styles, and proofs. Students will also be expected to compete in a variety of festivals, tournaments and University Interscholastic League contests.

Part Credit Per Part:

Description: The second part will continue to focus on the concepts of delivery, content and language choice. Students will also continue to recognize and analyze speech form, styles, and proofs. Participation in competitions will be expected.

Special Education Mathematics

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Course Code: HM10MVY1	Long Name: Algebra 1 M	Algebra 1
Short Name: ALG 1	Long Name: Algebra 1 A	
	Recommended Grade Placement: 9 – 12	1.0 STAT
Service Id: 3100505	TEKS	credit E
Service Id: 3100507	GPA: TIER 3	Duration: Year
School (s): All Schools		

Part 1/ Part 2 Credit Per Part: **Prerequisite:** None

Course Description: Students use symbols in a variety of ways to study relationships among quantities. Students use functions to determine one quantity from another, to represent and model problem situations, and to analyze and interpret relationships. Students work in many situations to set up equations and inequalities and use a variety of methods to solve them. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems.

This course has modified/ alternate achievement standards.

Course Code: HM12AVY1	Long Name: Mathematical Models with Applications A	Math
Course Code: HM12MVY1	Long Name: Mathematical Models with Applications M	
Short Name: Math Mod A	Recommended Grade Placement: 9-12	1.0 credit STATE
Short Name: Math Mod M		
Service Id: 3102400	TEKS	Duration: Year
School (s): All Schools		

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Algebra 1

Course Description: Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

This course has modified/ alternate achievement standards.

Course Code: HM30MVV1
Short Name: GEOM M
Service Id: 3100705
Service Id: 3100707
School (s): All Schools

Long Name: Geometry M
Long Name: Geometry A
Recommended Grade Placement: 9-12
TEKS

1.0 credit
STAT
E
Duration: Year
GPA: TIER 3

Part 1/ Part 2 Credit Per Part: Prerequisite: Algebra 1

Course Description: Students continue to build on foundation concepts for high school mathematics. Students use geometric thinking to understand mathematical concepts and the relationships among them. Students study properties and relationships having to do with size, shape, location, direction, and orientation of these figures. Students perceive the connection between geometry and the real and mathematical worlds and use geometric ideas, relationships, and properties to solve problems. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to solve meaningful problems by representing and transforming figures and analyzing relationships.

This course has modified/ alternate achievement standards.

Course Code: HM30MVY1
Short Name: ALG 2 M
Service Id: 3100605
Service Id: 3100607
School (s): All Schools

Long Name: Algebra 2 M
Long Name: Algebra 2 A
Recommended Grade Placement: 9-12
TEKS

1.0 credit
STAT
E
Duration: Year
GPA: TIER 3

Part 1/ Part Credit Per Part: Recommended Prerequisite: None

Course Description: Students study algebraic concepts and the relationships among them to better understand the structure of algebra. Students perceive functions and equations as means for analyzing and understanding a broad variety of relationships and as a useful tool for expressing generalizations. Students perceive the connections between algebra and geometry and use the tools of one to help solve problems in the other. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model mathematical situations to solve meaningful problems. As they do mathematics, students continually use problem-solving, language and communication, and reasoning (justification and proof) to make connections within and outside mathematics. Students also use multiple representations, technology, applications and modeling, and numerical fluency in problem-solving contexts.

This course has modified/ alternate achievement standards.

Special Education Physical Education

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Course Code: HP11MVSH **Long Name:** PE Found M Foundations of Personal
Short Name: PE Found M **Recommended Grade Placement:** 9-12 **0.5 credit** **STAT**
Service Id: PES00052 [TEKS](#) **GPA:** TIER 3 **Duration:** Sem
School (s): All Schools

Part 1 Credit Per Part: Prerequisite: None

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 teaching students about 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 corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

Course Code: HP11AVSH **Long Name:** PE Found A Foundations of Personal
Short Name: PE Found A **Recommended Grade Placement:** 9-12 **0.5 credit** **STAT**
Service Id: PES00052 [TEKS](#) **GPA:** TIER 3 **Duration:** Sem
School (s): All Schools

Part 1 Credit Per Part: Prerequisite: None

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 teaching students about 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 corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

Course Code: HP12MVY1 **Long Name:** PE Advodrs M Adventure/Outdoor Education
Short Name: PE Advodrs **Recommended Grade Placement:** 9- **1.0 credit** **STAT**
Service Id: PES00053 [TEKS](#) **GPA:** TIER **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: Recommended Prerequisite: Foundations of Personal Fitness

Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Course Code: Long Name: PE Advodrs A Adventure/Outdoor Education
Short Name: PE **Recommended Grade Placement:** 9-12 **1.0 credit** **STAT**
Service Id: PES00053 [TEKS](#) **GPA:** TIER **Duration:** Year
School (s): All Schools

Part 1/ Part Credit Per Part: Recommended Prerequisite: Foundations of Personal Fitness

Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Course Code: HP13MVY1 Long Name: PE Aero M Aerobic Activities
Short Name: PE Aero M **Recommended Grade Placement:** 9- **1.0 credit** **STAT**
Service Id: PES00054 [TEKS](#) **GPA:** TIER **Duration:** Year
School (s): All Schools

Part 1/ Part 2 Credit Per Part: Recommended Prerequisite: Foundations of Personal Fitness

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

Course Code: HP13AVY1 Long Name: PE Aero A Aerobic Activities
Short Name: PE Aero A **Recommended Grade Placement:** 9- **1.0 credit** **STAT**
Service Id: PES00054 [TEKS](#) **GPA:** TIER **Duration:** Year
School (s): All Schools

Part 1/ Part Credit Per Part: Recommended Prerequisite: Foundations of Personal Fitness

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

Course Code: Long Name: PE Individual Sports M Individual Sports
Short Name: PE Indiv **Recommended Grade Placement:** 9-12 **1.0 credit** **STAT**
Service Id: PES00055 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: Recommended Prerequisite: Foundations of Personal Fitness

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 that are enjoyable is a major objective of this course.

Course Code: Long Name: PE Indiv Sprt A Individual Sports
Short Name: PE Indiv **Recommended Grade Placement:** 9-12 **1.0 credit** **STAT**
Service Id: PES00055 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: Recommended Prerequisite: Foundations of Personal Fitness

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 that are enjoyable is a major objective of this course.

Course Code: Long Name: PE 1 Adapt A Adaptive Physical

Short Name: PE 1 **Recommended Grade Placement:** 9-12 **0 credit** **STAT**
Service Id: SE000004 **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/ Part **Credit Per Part:** 0 **Prerequisite:** None

Students will be actively engaged in physical activity at least 50% of the class time. Students will participate in health related fitness assessments unless the ARDC determines that the student's physical condition would be compromised by such an assessment, and will learn to measure their own performance, and begin to develop personal plans for improvement. Activities are designed to provide enjoyment and challenges, and to encourage lifelong participation in physical activity.

Special Education Social Studies

Course Code: HS10AVY1 **Long Name:** W Geo A Social Studies
Short Name: W Geo A **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03320107 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students will describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course will center around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions. Students will use of a variety of primary and secondary source material such as contemporary and historic maps of various types, satellite-produced images, photographs, graphs, map sketches, and diagrams is encouraged in order to support their understanding of the essential knowledge and skills as outline on 19 TAC Chapter 113.43. The different strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Source: The provisions of this §113.43 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS10MVY1 **Long Name:** W Geo M Social Studies
Short Name: W Geo M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03320105 [TEKS](#) **Duration:** Year
School (s): All Schools

Part 1/ Part **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: Students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students will describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course will center around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-

making skills to ask and answer geographic questions. Students will use of a variety of primary and secondary source material such as contemporary and historic maps of various types, satellite-produced images, photographs, graphs, map sketches, and diagrams is encouraged in order to support their understanding of the essential knowledge and skills as outline on 19 TAC Chapter 113.43. The different strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Source: The provisions of this §113.43 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS20AVY1 **Long Name:** W Hist A Social Studies
Short Name: W Hist A **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03340407 **TEKS** **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: This course should focus on "essential" concepts and skills that can be applied to various eras, events, and people within the standards found on 19 TAC Chapter 113.42. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence. The following periods should serve as the framework for the organization of this course: 8000 BC-500 BC (Development of River Valley Civilizations); 500 BC-AD 600 (Classical Era); 600-1450 (Post-classical Era); 1450-1750 (Connecting Hemispheres); 1750-1914 (Age of Revolutions); and 1914-present (20th Century to the Present). Students will be exposed to a variety of rich primary and secondary source material such as state papers, legal documents, charters, constitutions, biographies, autobiographies, speeches, letters, literature, music, art, and architecture is encouraged. The eight strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS20MVY1 **Long Name:** W Hist M Social Studies
Short Name: W Hist M **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 03340405 **TEKS** **Duration:** Year
School (s): All Schools

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: This course should focus on "essential" concepts and skills that can be applied to various eras, events, and people within the standards found on 19 TAC Chapter 113.42. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence. The following periods should serve as the framework for the organization of this course: 8000 BC-500 BC (Development of River Valley Civilizations); 500 BC-AD 600 (Classical Era); 600-1450 (Post-classical Era); 1450-1750 (Connecting Hemispheres); 1750-1914 (Age of Revolutions); and 1914-present (20th Century to the Present). Students will be exposed to a variety of rich primary and secondary source material such as state papers, legal documents, charters, constitutions, biographies, autobiographies, speeches, letters, literature, music, art, and architecture is encouraged. The eight strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS30AVY1	Long Name: US Hist A	Social Studies
Short Name: US Hist A	Recommended Grade Placement: 9-12	1.0 credit STATE
Service Id: 3340107	TEKS	Duration: Year
School (s): All Schools		

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: The course will cover United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provides a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students will describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students will use a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context. Students will use a variety of rich primary and secondary source material such as biographies, autobiographies, landmark cases of the U.S. Supreme Court, novels, speeches, letters, diaries, poetry, songs, and artworks is encouraged. The eight strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes as covered under 19 TAC Chapter 113.41.

Course Code: HS30MVY1	Long Name: US Hist M	Social Studies
Short Name: US Hist M	Recommended Grade Placement: 9-12	1.0 credit STATE
Service Id: 3340105	TEKS	Duration: Year
School (s): All Schools		

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: The course will cover United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course

content is based on the founding documents of the U.S. government, which provides a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students will describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students will use a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context. Students will use a variety of rich primary and secondary source material such as biographies, autobiographies, landmark cases of the U.S. Supreme Court, novels, speeches, letters, diaries, poetry, songs, and artworks is encouraged. The eight strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes as covered under 19 TAC Chapter 113.41.

Course Code: HS40AVSH **Long Name:** US Govt A Social Studies
Short Name: US Govt A **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03330100 [TEKS](#) **Duration:** SM
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: In United States Government course, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue. To support the teaching of the essential knowledge and skills, the use of a variety of rich primary and secondary source material such as the complete text of the U.S. Constitution, selected Federalist Papers, landmark cases of the U.S. Supreme Court (such as those studied in Grade 8 and U.S. History Since 1877), biographies, autobiographies, memoirs, speeches, letters, and periodicals that feature analyses of political issues and events is encouraged. The strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS40MVSH **Long Name:** US Govt M Social Studies
Short Name: US Govt M **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03330100 [TEKS](#) **Duration:** SM
School (s): All Schools

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: In United States Government course, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue. To support the teaching of the essential knowledge and skills, the use of a variety of rich primary and secondary source material such as the complete text of the U.S. Constitution, selected Federalist Papers, landmark cases of the U.S. Supreme Court (such as those studied in Grade 8 and U.S. History Since 1877), biographies, autobiographies, memoirs, speeches, letters, and periodicals that feature analyses of political issues and events is encouraged. The strands of the essential knowledge and skills for social studies are intended to be integrated for instructional purposes.

Course Code: HS41AVSH **Long Name:** Econ-FE A Social Studies
Short Name: Econ-FE A **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03310300 [TEKS](#) **Duration:** SM
School (s): All Schools

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: The course Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues. Students identify the role of the U.S. free enterprise system (As referenced in House Bill 492, an act of the Texas Legislature signed into law in 2005) within the parameters of this course and understand that this system may also be referenced as capitalism or the free market system.

Course Code: HS41MVSH **Long Name:** Econ-FE M Social Studies
Short Name: Econ-FE M **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03310300 [TEKS](#) **Duration:** SM
School (s): All Schools

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: The course Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade,

economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues. Students identify the role of the U.S. free enterprise system (As referenced in House Bill 492, an act of the Texas Legislature signed into law in 2005) within the parameters of this course and understand that this system may also be referenced as capitalism or the free market system.

Course Code: HS50AVSH **Long Name:** Psych A Social Studies
Short Name: Psych A **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03350100 **TEKS** **Duration:** SM

School (s): all schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

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

Source: The provisions of this §113.45 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS50MVSH **Long Name:** Psych M Social Studies
Short Name: Psych M **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03350100 **TEKS** **Duration:** SM

School (s): all schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

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

Source: The provisions of this §113.45 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS51AVSH **Long Name:** Sociology A Social Studies
Short Name: Sociology A **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03370100 **TEKS** **Duration:** SM

School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Course Description: Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

Source: The provisions of this §113.46 adopted to be effective August 23, 2010, 35 TexReg 7232.

Course Code: HS51MVSH **Long Name:** Sociology M Social Studies
Short Name: Sociology M **Recommended Grade Placement:** 9-12 **.5 credit STATE**
Service Id: 03370100 **TEKS** **Duration:** SM

School (s): All Schools

Part 1 Credit Per Part: 0.5 Prerequisite: None

Course Description: Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

Source: The provisions of this §113.46 adopted to be effective August 23, 2010, 35 TexReg 7232.

CTED
Architecture and Construction

Course Code: *HT3B1VY2 **Long Name:** CTED - Construction Management (CONSTMGT)
Short Name: Const Mgmt **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13004900 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career Technology Education

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** NONE

Description: In Construction Technology, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

***Course is offered to students who are scheduled through ARD.**
Counselors need to identify concurrent registration with additional course HT3B2VY2.

Course Code: *HT3B2VY2 **Long Name:** CTED - Construction Technology (CONSTECH)
Short Name: Const Tech **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13005100 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career Technology Education

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** NONE

Description: In Construction Technology, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

***Course is offered to students who are scheduled through ARD.**
Counselors need to identify concurrent enrollment with HT3B1VY2 or HT3B3VY2.

Course Code: *HT4B2VY2 **Long Name:** CTED - Advanced Construction (ADVCONST)
Short Name: Adv Const Tech **Recommended Grade Placement:** 12 **3.0 Credits** **STATE**
Service Id: 13005200 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career Technology Education

Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** CTED–Construction Tech (& CTED–Construction Management

Description: In Advanced Construction Technology, students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, or supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students build on the knowledge base from Construction Technology and are introduced to exterior and interior finish out skills. Student must have Pre-requisites to follow TEA’s coherent sequence within the CTE cluster.

***Course is offered to students who are scheduled through ARD.**

Course Code: *HT3B3VY2 **Long Name:** CTED - Building Maintenance (BUILDMAN)
Short Name: Build MainTech **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13005400 **TEKS** **GPA:** TIER 3 **Duration:** Year

School (s): Center for Career Technology Education

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** NONE

Description: In Building Maintenance Technology, students gain knowledge and skills specific to those needed to enter the field of building maintenance as a building maintenance technician or supervisor or secure a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in plumbing, electrical, and Heating, Ventilation, and Air Conditioning (HVAC) systems. Additionally, students learn methods for repair and installation of drywall, roof, and insulation systems. Student must have Pre-requisites to follow TEA's coherent sequence within the CTE cluster.

***Course is offered to students who are scheduled through ARD.
Counselors need to identify concurrent enrollment with HT3B2VY2.**

Course Code: *HT4B3VY2 **Long Name:** CTED – Advanced Building Maintenance (ADBUILD)
Short Name: Adv Build Tech **Recommended Grade Placement:** 12 **2.0 credits** **STATE**
Service Id: 13005500 **TEKS** **GPA:** TIER 3 **Duration:** Year

School (s): Center for Career Technology Education

Part 1/Part 2 **Credit Per Part:** 1.0 **Recommended Prerequisite:** CTED-Construction Tech & CTED-Building Maintenance Tech

Description: In Advanced Building Maintenance Technology, students continue to gain advanced knowledge and skills specific to those needed to enter the work force as a building maintenance technician or supervisor and construction project manager or secure a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, Occupational Safety and Health Administration (OSHA) standards, and safety devices in electrical circuits, maintenance of electrical and heating, ventilation, and air conditioning (HVAC) systems, and concepts of historic preservation. Student must have Pre-requisites to follow TEA's coherent sequence within the CTE cluster.

***Course is offered to students who are scheduled through ARD.
Counselors need to identify campus by section number.**

Course Code: *HT3B4VY2 **Long Name:** CTED - Piping and Plumbing (PIPLTECH)
Short Name: P & P Tech **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13006000 **TEKS** **GPA:** TIER 3 **Duration:** Year

School (s): Center for Career Technology Education

Part 1/Part 2 **Credit Per Part:** 1.0 **Recommended Prerequisite:** NONE

Description: In Piping and Plumbing Technology, students gain knowledge and skills needed to enter industry as a plumber, pipe fitter, or building maintenance technician or supervisor or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in tool usage, safety, pipefitting, drainage, building codes, and water supply.

***Course is offered to students who are scheduled through ARD.**

Course Code: *HT4B4VY2 **Long Name:** CTED - Advanced Piping and Plumbing (ADVPIPL)
Short Name: Adv P & P Tech **Recommended Grade Placement:** 11 **2.0 credits** **STATE**
Service Id: 13006100 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career Technology Education

Part 1/ Part 2 **Credit Per Part:** 1.0 **Recommended Prerequisite:** Piping and Plumbing Technology

Description: In Advanced Piping and Plumbing Technology, students gain advanced knowledge and skills specific to those needed to enter the industry as a plumber, pipe fitter, or building maintenance technician or supervisor or prepare for a postsecondary degree in mechanical engineering. Students acquire knowledge and skills in industrial pipe fitting, motorized equipment, oxy-fuel cutting, and water, chemical, steam, compressed air, and oil pipe systems. Student must have Pre-requisites to follow TEA's coherent sequence within the CTE cluster.

***Course is offered to students who are scheduled through ARD.**

Hospitality and Tourism CTED

Course Code: *HT3I0VY2 **Long Name:** CTED - Culinary Arts (CULARTS)
Short Name: Cul Arts 1 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13022600 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career and Technology Education

Part 1/ Part **Credit Per Part:** **Prerequisite:** NONE

Description: 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, a Texas culinary specialist certification, or any other appropriate industry certification. This course may be offered as a laboratory-based or internship course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

***Course is offered to students scheduled through ARD.**

***Counselors need to identify concurrent registration with HT2I0VS1 AND HT2I1VS1.**

Course Code: *HT4I0VY2 **Long Name:** CTED - Practicum in Culinary Arts (PRACCUL)
Short Name: PracCulArt 1 **Recommended Grade Placement:** 12 **2.0 credits** **STAT**
Service Id: 13022700 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career and Technology Education/Occupational Career Center (OCC)

Part 1/ Part **Credit Per Part:** **Recommended Prerequisite:** CTED - Restaurant Management and
2 1.0 CTED - Culinary Arts

Description: This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among School(s), businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace.

***Course is offered to students scheduled through ARD.**

Counselors need to identify campus by section number.

Course Code: Long Name: Hotel Management (HOTELMGT)
Short Name: Hotel **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 13022300 **TEKS** **GPA:** TIER 3 **Duration:**
School (s): All Campuses
Part Credit Per Part: **Prerequisite:** NONE

Description: This course focuses on the knowledge and skills needed to pursue staff and management positions available in the hotel industry. This in-depth study of the lodging industry includes departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources, and accounting. This course will focus on, but not be limited to, professional communication, leadership, management, human resources, technology, and accounting. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

***Course is offered to students scheduled through ARD**

Course Code: *HT211VS1 **Long Name:** Restaurant Management (RESTMGT)
Short Name: Restaurant **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 13022400 **TEKS** **GPA:** TIER 3 **Duration:**
School (s): All Campuses
Part Credit Per Part: **Prerequisite:** NONE

Description: This course 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. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

***Course is offered to students scheduled through ARD.**

Marketing, Sales, & Service CTED

Course Code: Long Name: *CTED - Practicum in Marketing (PRACMKTG)
Short Name: Prac Mkt I **Recommended Grade Placement:** 11-12 **2.0 credits STAT**
Service Id: #13034800 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career Technology Education
Part 1/Part Credit Per Part: **Prerequisite:** NONE

Description: Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management,

pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. This course may include paid or unpaid career preparation experience.

***Course is offered to students scheduled through ARD**

Course Code: *HT4N2VY2 **Long Name:** *CTED - Practicum in Marketing (PRACMKTG)
Short Name: *Prac Mkt 2 **Recommended Grade Placement:** 12 2.0 credits STAT
Service Id: #13034810 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Center for Career Technology Education

Part **Credit Per Part:** **Recommended Prerequisite:** CTED - Practicum in Marketing

Description: Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. This course may include paid or unpaid career preparation experience.

***Course is offered to students scheduled through ARD.**

Business Management and Administration

Course Code: *HT1D1VY1 **Long Name:** Touch System Data Entry (TSDATAE)
Short Name: Touchsysdataent **Recommended Grade Placement:** 9-10 1.0 STAT
Service Id: 13011300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Campuses

Part 1/ Part **Credit Per Part:** **Recommended Prerequisite:** NONE

Description: Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply Keyboarding for production of business documents.

***Course is offered to students who are scheduled through ARD.**

Journalism

[Return](#)

Course Code: HJ1000Y1 **Long Name:** Journalism 1 (JRNLSM)
Short Name: Journ 1 **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03230100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** None

Description: This course focuses on the history of journalism; the contemporary role of print and broadcast media; basic features of mass communication; journalism, libel, and the law, the elements of a good interview, and basic news and feature writing.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** Part 1 (HJ1000Y1)

Description: Concentrates on specialized forms of writing, editing, design, layout, graphics, advertising, production techniques and printing processes

Course Code: HJ1100Y1 **Long Name:** Photojournalism (PHOTJOUR)
Short Name: Photojourn **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03230800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Description: Students study basic digital SLR cameras and image manipulation software such as Adobe Photoshop. Students learn to use 35mm SLR film cameras, learn to process and print black and white film in a darkroom.

Course Code: HJ1202Y1 **Long Name:** Digital Design and Media Production (TADGDMP)
Short Name: DigiDesignMedia **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03580400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Recommended Prerequisite:

Description: Students learn the principles of layout and design, using print and publishing industry standard software. They gain experience in designing pages for print and online publications. Students become proficient in programs such as Adobe InDesign, Adobe Illustrator, Adobe Photoshop, Adobe Bridge, Adobe Dreamweaver, Adobe Flash and WordPress.

HJ1202Y1 qualifies for the EPISD Technology requirement.

Course Code: HJ2000Y1 **Long Name:** Advanced Journalism: Yearbook I (YBK1)
Short Name: Yearbook 1 **Recommended Grade Placement:** 9-12 **1.0** **STATE**
Service Id: 03230110 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended One-Year Journalism or Instructor’s Approval

Description: Yearbook Production Part 1 emphasizes planning, drafting, and completing written communication and photography. Students carefully examine copy for clarity, engaging language, and the correct use of convention and mechanics of written English. Students cooperate with others in covering events; writing articles that reflect the campus and community life; taking, selecting and scaling photographs to print size; writing cutlines and headlines; and editing and proofreading copy.

Part 2 Credit Per Part: 0.5

Description: Yearbook Production Part 2 Students continue to write, critique and produce effective communications. Analytical consumers of media and technology are produced in this course. Written composition and artwork (photography and graphics) to accompany the written composition are a focus at this level.

Course Code: HJ3000Y1 **Long Name:** Advanced Journalism: Yearbook 2 (YBK2)
Short Name: Yearbook 2 **Recommended Grade Placement:** 10-12 **1.0** **STATE**
Service Id: 03230120 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor’s Approval or (Yearbook 1)

Description: Page editing or section editing includes advanced students working with first year students on investigative assigned stories and photo-artwork that accompany stories. In-depth research on selected stories are done at this level. The students demonstrate an understanding of media development, press law, and the responsibility of the media.

Part 2 Credit Per Part: 0.5

Description: Yearbook Production Part 2 expands to include distinguishing between responsible and irresponsible media action; planning pages and preparing the final layouts for publications; refining and enhancing journalistic skills; researching self-selected topics; and planning, organizing, and preparing projects and/or pages.

Course Code: HJ4000Y1 **Long Name:** Advanced Journalism: Yearbook 3 (YBK3)
Short Name: Yearbook 3 **Recommended Grade Placement:** 11-12 **1.0** **STATE**
Service Id: 03230130 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval or (Yearbook 2)

Description: Students choose one area of study from advanced journalistic writing or photography. Students work on a more advanced level to coordinate with newer staffers. Computer layout, writing and brainstorming techniques are enhanced in this course. Students work to refine and enhance productions for a variety of audiences, adhering to journalistic rules and ethics.

Part 2 Credit Per Part: 0.5

Description: Students plan, draft, and complete written communications on a regular basis; refine and enhance journalistic skills; research self-selected topics; plan, organize, and prepare projects; and work with instructor guidance to produce original work in print or another medium demonstrating advanced skills.

Course Code: HJ2100Y1 **Long Name:** Advanced Journalism: Newspaper 1 (NP1)
Short Name: Newspaper 1 **Recommended Grade Placement:** 9-12 **1.0** **STATE**
Service Id: 03230140 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor’s approval

Description: The school newspaper is produced in this course. Students plan, draft, and complete written and/or visual communications on a regular basis. Students examine copy for clarity, engaging language, and the correct use of convention, and mechanics of written English. Students cover events, write school and community articles; take, select and scale photographs to print size, write outlines and headlines, and edit and proofread copy.

Part 2 Credit Per Part: 0.5

Description: Advanced Journalism Part 2 focuses on analytical skills to produce consumers of media and technology. Articles and artwork (photography and graphics) to accompany the written compositions are introduced at this level

Course Code: HJ3100Y1 **Long Name:** Advanced Journalism: Newspaper 2 (NP2)
Short Name: Newspaper 2 **Recommended Grade Placement:** 10-12 **1.0** **STATE**
Service Id: 03230150 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: Advanced students will work with first year students on investigative/assigned stories and photo/artwork that accompany stories. In-depth research on selected stories is done at this level. The students demonstrate an understanding of media development, press law, and the responsibility of the media.

Part 2 Credit Per Part: 0.5

Description: Newspaper Production Part 2 expands to include distinguishing between responsible and irresponsible media action; planning pages and preparing the final layouts for publications; refining and enhancing journalistic skills; researching self-selected topics, and planning, organizing, and preparing projects and/or pages.

Course Code: HJ4100Y1 **Long Name:** Advanced Journalism: Newspaper 3 (NP3)
Short Name: Newspaper 3 **Recommended Grade Placement:** 11-12 **1.0** **STATE**
Service Id: 03230160 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: Students, as editors, work on a more advanced level to coordinate with newer staffers. The course is designed to help students demonstrate computer layout and writing and brainstorming techniques. The course develops skills, which make certain that the publication adheres to journalistic rules and ethics.

Part 2 Credit Per Part: 0.5

Description: This continuation of HJ4100Y1 focuses on refinement and enhancement of journalistic skills and linking related information and ideas from a variety of sources. Students’ research self-selected topics and plan, organize, and prepare projects and/or pages.

Course Code: HJ2200Y1 **Long Name:** Advanced Broadcast Journalism 1 (BRCTJOR1)
Short Name: Broadcast 1 **Recommended Grade Placement:** 9-12 **1.0 STATE**
Service Id: 03231900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: The student will be responsible for producing a television program to be broadcast at regular intervals during the semester. Students examine broadcast history and terminology, and evaluate broadcast law and ethics. After studying various personnel roles involved in a broadcast, students use skills of writing, camera operation, and computer editing to produce a news-oriented program.

Part 2 Credit Per Part: 0.5

Description: This class expands to include analytical skills to produce consumers of media and technology. Graphics and special effects are introduced at this level.

Course Code: HJ3200Y1 **Long Name:** Advanced Broadcast Journalism 2 (BRCTJOR2)
Short Name: Broadcast 2 **Recommended Grade Placement:** 10-12 **1.0 STATE**
Service Id: 03231901 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: Advanced students begin working with first year students on understanding broadcast terminology, interviewing and writing skills, and camera operation. In-depth research for more specialized topics is done at this level.

Part 2 Credit Per Part: 0.5

Description: Advanced students begin making programming decisions based on responsible and irresponsible media action. Students will also continue planning productions for airing; refining and enhancing journalistic skills, and researching self-selected topics.

Course Code: HJ4200Y1 **Long Name:** Advanced Broadcast Journalism 3 (BRCTJOR3)
Short Name: Broadcast 3 **Recommended Grade Placement:** 11-12 **1.0 STATE**
Service Id: 03231902 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: Advanced students with three years of experience make decisions on editing, type of programs produced, team dynamics, and analysis of previous shows. Students are involved in the training of second year students.

Part 2 Credit Per Part: 0.5

Description: Advanced students are involved in a special project (documentation) and are responsible for team coordination.

Course Code: HJ2300Y1 **Long Name:** Advanced Journalism: Literary Magazine 1 (LM1)
Short Name: Lit Mag 1 **Recommended Grade Placement:** 10-12 **1.0** **STATE**
Service Id: 03230170 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended One-Year Journalism or Instructor’s Approval for Part 1

Description: Literary Magazine Production Part 1 emphasizes planning, drafting, and completing written communication and photography. Students carefully examine copy for clarity, engaging language, and the correct use of convention and mechanics of written English. Students cooperate with others in covering events; writing articles that reflect the campus and community life; taking, selecting and scaling photographs to print size; writing cutlines and headlines; and editing and proofreading copy.

Part 2 Credit Per Part: 0.5

Description: Literary Magazine Production Part 2 Students continue to write, critique and produce effective communications. Analytical consumers of media and technology are produced in this course. Written composition and artwork (photography and graphics) to accompany the written composition are a focus at this level.

Course Code: HJ3300Y1 **Long Name:** Advanced Journalism: Literary Magazine 2 (LM2)
Short Name: Lit Mag 2 **Recommended Grade Placement:** 11-12 **1.0** **STATE**
Service Id: 03230180 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: Page editing or section editing includes advanced students working with first year students on investigative assigned stories and photo-artwork that accompany stories. In-depth research on selected stories are done at this level. The students demonstrate an understanding of media development, press law, and the responsibility of the media.

Part 2 Credit Per Part: 0.5

Description: Literary Magazine Production Part 2 expands to include distinguishing between responsible and irresponsible media action; planning pages and preparing the final layouts for publications; refining and enhancing journalistic skills; researching self-selected topics; and planning, organizing, and preparing projects and/or pages

Course Code: HJ4300Y1 **Long Name:** Advanced Journalism: Literary Magazine 3 (LM3)
Short Name: Lit Mag 3 **Recommended Grade Placement:** 11-12 **1.0** **STATE**
Service Id: 03230190 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor approval

Description: Students choose one area of study from advanced journalistic writing or photography. Students work on a more advanced level to coordinate with newer staffers. Computer layout, writing and brainstorming techniques are enhanced in this course. Students work to refine and enhance productions for a variety of audiences, adhering to journalistic rules and ethics.

Part 2 Credit Per Part: 0.5 **Recommended Prerequisite:** HJ4300Y1 Part 1

Description: Students plan, draft, and complete written communications on a regular basis; refine and enhance journalistic skills; research self-selected topics; plan, organize, and prepare projects; and work with instructor guidance to produce original work in print or another medium demonstrating advanced skills.

Course Code: HJ5000Y1 **Long Name:** Independent Study In Journalism (First Time Taken) (IND JOUR)
Short Name: Journ1:IS **Recommended Grade Placement:** 10-12 **1.0 STATE**
Service Id: 03231000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor's Approval

Description: Independent Study I (PEIMS # 03231000): Students refine/enhance journalism skills and research self-selected topics. They become analytical consumers of media and technology. Students use learned skills to plan and to produce media packets. These projects focus on the use of social media, print and broadcast. This class focuses on social media, sports media and wireless transmission.

Students enrolled in this class participate in the Journalism Publication and Broadcast Internships.

Course Code: HJ5100Y1 **Long Name:** Independent Study In Journalism (Second Time) (INDJOUR2)
Short Name: Journ2:IS **Recommended Grade Placement:** 10-12 **1.0 credit STATE**
Service Id: 03231011 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor's Approval

Description: Independent Study II (PEIMS # 03231011): Students refine/enhance journalism skills and research self-selected topics. They become analytical consumers of media and technology. Students use learned skills to plan and to produce media packets, using convergent media (multiple methods, multiple media) and effective advertising and promotion campaigns. The class focuses on Convergent Media and Advertising.

Students enrolled in this class participate in the Journalism Publication and Broadcast Internships.

Course Code: HJ5200Y1 **Long Name:** Independent Study In Journalism (Third Time Taken) (INDJOUR3)
Short Name: Journ3:IS **Recommended Grade Placement:** 10-12 **1.0 credit STATE**
Service Id: 03231022 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended Instructor's Approval

Description: Independent Study III (PEIMS # 03231022): Students refine/enhance journalism skills and research self-selected topics. Students become analytical consumers of media and technology. Students plan and produce special projects. They produce shows and publications while honing staff management skills. The focus in this class is editorial leadership for student producers and publication editors.

Students enrolled in this class participate in the Journalism Publication and Broadcast Internships.

Speech

[Return](#)

Course Code: **Long Name:** Communication Applications (COMMAPP)
Short Name: Comm **Recommended Grade Placement:** 10-12 **0.5 STAT**
Service Id: 03241400 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: In this class, students will understand and develop communication skills, which will benefit them in professional and personal relationships. These skills include sending verbal messages, choosing effective non-verbal behaviors, listening for desired communication results, the application of valid critical thinking and problem solving processes, and presentation skills. This course is designed to prepare students who are ready to go into the workplace. While this is not a course in public speaking, oral presentations will be required.

Course Code: HT1C00SH **Long Name:** Professional Communications (PROFCOMM)
Short Name: Pro Comm **Recommended Grade Placement:** 9-12 **0.5 STAT**
Service Id: 13009900 [TEKS](#) **GPA:** TIER 3 **Duration:**
School (s): All Schools

Part Credit Per Part: Prerequisite: NONE

Description: Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Course Code: **Long Name:** Debate 1 (DEBATE 1)
Short Name: Debate **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: Students enrolled in debate will learn about the principles of debate and its relevance to society through research, persuasive speaking, logic, argumentation, and refutation. Students will apply these principles through discussion of controversial topics and current events

Part Credit Per Part: Recommended Prerequisite: Part 1 (HK1100Y1)

Description: Students enrolled in the second semester will refine their knowledge of the principles of debate. Students will now use their knowledge of argumentation and apply it to evidence. Students will also learn about the simple organization of cases and arguments.

Course Code: Long Name: Debate 2 (DEBATE 2)
Short Name: Debate **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 03240700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: Students will apply the knowledge attained in Debate 1 to this semester. Students taking the second level of debate will be exposed to value debate and policy debate. Analysis of different issues along with societal impacts will be discussed. Cross-examination techniques and delivery will be reinforced. Evidence will be analyzed to see if it is appropriate for the resolution and appropriate for the argument made. Additionally, this course will allow students to construct cases, briefs, case disadvantages and critiques.

Part Credit Per Part:

Description: In Part 2, students will continue to work on either policy debate or value debate, as well as student congress. Students will also continue to construct cases, briefs, case disadvantages, and critiques. At this point, students who are interested in debating on the competitive level will apply their knowledge of debate and begin to scout tournaments. If a student chooses to do Lincoln-Douglas Debate and Cross-Examination Debate, students will also become familiar with philosophical theories.

Course Code: Long Name: Debate 3 (DEBATE 3)
Short Name: Debate **Recommended Grade Placement:** 11-12 **1.0 STAT**
Service Id: 03240800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: The third level of debate will apply the knowledge of the previous courses to a competitive outlet. Students will construct cases, disadvantages, briefs, critiques, and organize evidence to use at tournaments. If a student chooses to do Lincoln-Douglas Debate and Cross-Examination Debate, students will also become familiar with more extensive philosophical theories.

Part Credit Per Part:

Description: The second semester will also allow the students to apply their prior knowledge to a competitive outlet. Students will continue to build cases, research, repair, and practice their cases to allow them to succeed at the competitive level.

Course Code: Long Name: Oral Interpretation 1 (ORALINT1)
Short Name: Oral Int **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: In oral interpretation, students study the oral reading or performance of a literary work as a communication art. Students will learn what kinds of literary works are appropriate for the reader, the audience, the occasion, and which literature can be easily adapted for performance. In addition, students will research to understand the author's intent.

Part Credit Per Part:

Description: Part 2 of oral interpretation will allow students to apply their previous knowledge of oral interpretation to prose, poetry and other speech events.

Course Code: Long Name: Oral Interpretation 2 (ORALINT2)
Short Name: Oral Int **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 03240300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: This class further develops oral interpretation skills, techniques, and performances. Additional emphasis is placed on effective gesturing, facial expressions, body movement, vocal variety and diction, as well as, insight and understanding of the piece.

Part Credit Per Part:

Description: In oral interpretation Part 2, students will be continuously changing their literary selections to gain more insight to the pieces. Emphasis will be placed on interpretation skills, techniques and performances.

Course Code: Long Name: Oral Interpretation 3 (ORALINT3)
Short Name: Oral Int **Recommended Grade Placement:** 11-12 **1.0 STAT**
Service Id: 03240400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: The third year of oral interpretation applies the selection of literary works, performance technique and student's understanding of the piece to a competitive atmosphere. Students taking oral interpretation Part 1 are expected to participate in public performances, tournaments and/or University Interscholastic League Tournaments.

Part Credit Per Part:

Description: In Part 2, students will continue to apply their knowledge of literary works, performance technique, and insight to the competitive atmosphere. At this point, students will be able to gauge what pieces are valuable to be successful on the competitive level.

Course Code: Long Name: Public Speaking 1 (PUBSPKG1)
Short Name: Pub Spk **Recommended Grade Placement:** 9-12 **1.0 STAT**
Service Id: 03240900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: Students will learn the concepts and skills needed to prepare and present public messages. This course will allow students to present and prepare these messages as well as allow them to analyze and evaluate other's speeches. Students will gain skills in reading, writing, speaking, listening, and thinking while applying memory, organization, research, and delivery skills. This is an elective course.

Part Credit Per Part:

Description: The second part will further develop student's public speaking skills by taking an in-depth study of discourse. Students will now apply their background knowledge to many situations including persuasive and informative speaking. This is an elective course.

Course Code: Long Name: Public Speaking 2 (PUBSPKG2)
Short Name: Pub **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 03241000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: This is an elective course. In addition to creating speeches, students will present their speeches with a specific audience or purpose in mind. Students will have additional practice in different speech methods including the extemporaneous, memorized, and impromptu methods.

Part Credit Per Part:

Description: The second part is a continuation of the in-depth study and presentation of informative and persuasive speeches using the differing speech methods.

Course Code: Long Name: Public Speaking 3 (PUBSPKG3)
Short Name: Pub **Recommended Grade Placement:** 11-12 **1.0 STAT**
Service Id: 03241100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: The focus of this course is on the rhetorical concepts of delivery, content and language choice. Students will also recognize and analyze speech forms, styles, and proofs. Students will also be expected to compete in a variety of festivals, tournaments and University Interscholastic League contests.

Part Credit Per Part:

Description: The second part will continue to focus on the concepts of delivery, content and language choice. Students will also continue to recognize and analyze speech form, styles, and proofs. Participation in competitions will be expected.

Course Code: Long Name: Independent Study In Speech (First Time (IND SPCH)
Short Name: Speech **Recommended Grade Placement:** 10-12 **1.0 STAT**
Service Id: 03241200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: Students refine and enhance speaking skills, writing skills, researching skills and collaboration skills. Students use the learned skills in areas of competition.

Course Code: Long Name: Independent Study In Speech (Second Time (INDSPCH2)
Short Name: Speech **Recommended Grade Placement:** 11-12 **1.0 STATE**
Service Id: 03241210 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

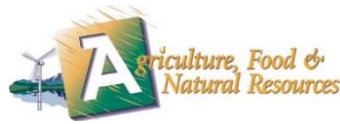
Description: Students refine and enhance speaking skills, writing skills, researching skills and collaboration skills. Students use learned skills in areas of competition to advance to the national level. They also use the learned skills from the speech program to write and produce resumes.

Course Code: Long Name: Independent Study In Speech (Third (INDSPCH3)
Short Name: Speech **Recommended Grade Placement:** 12 **1.0 STATE**
Service Id: 03241220 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Schools

Part Credit Per Part: Prerequisite: None

Description: Students refine and enhance speaking skills, writing skills, researching skills and collaboration skills. Students use learned skills by participating in community projects which require speaking with interviewers for job placement.

Career and Technical Education



Agriculture, Food, and Natural Resources

[Return](#)

Course Code: HT1A00Y1 **Long Name:** Principles of Agriculture, Food, and Natural
Short Name: Prin Ag FNR **Recommended Grade Placement:** 9 -12 **1.0** **STATE**
Service Id: 13000200 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course focuses on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. This course will also allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT2A10Y1 **Long Name:** Livestock Production
Short Name: Livestock Prod **Recommended Grade Placement:** 10-12 **1.0** **STATE**
Service Id: 13000300 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT2A10Y2 **Long Name:** Livestock Production with Lab
Short Name: Livestock Prod/Lab **Recommended Grade Placement:** 10-12 **1.0** **STATE**
Service Id: 13000310 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT2A40SH **Long Name:** Small Animal Management
Short Name: Small Anml Mgmt **Recommended Grade Placement:** 10-12 **0.5 credit** **STATE**
Service Id: 13000400 **TEKS** **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

Course Code: HT2A20SH **Long Name:** Equine Science
Short Name: Equine Science **Recommended Grade Placement:** 10-12 **0.5 credit** **STATE**
Service Id: 13000500 **TEKS** **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT2A30Y1 **Long Name:** Energy & Natural Resources Technology
Short Name: Energy NRT **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13001100 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended a minimum of one credit from the courses in Agricultural, Food , and Natural Resource Cluster.

Description: Energy and Natural Resource Technology examines the interrelatedness of environmental issues and production agriculture. Students will evaluate the environmental benefits provided by sustainable resources and green technologies. Instruction is designed to allow for the application of science and technology to measure environmental impacts resulting from production agriculture through field and laboratory experiences. To prepare for careers in environmental service systems, students must attain academic skills and knowledge, acquire advanced technical knowledge and skills related to environmental service systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT2A30Y2 **Long Name:** Energy & Natural Resources Technology/W Lab
Short Name: Energy NRT Lab **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13001110 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended a minimum of one credit from the courses in Agricultural, Food , and Natural Resource Cluster.

Description: Energy and Natural Resource Technology examines the interrelatedness of environmental issues and production agriculture. Students will evaluate the environmental benefits provided by sustainable resources and green technologies. Instruction is designed to allow for the application of science and technology to measure environmental impacts resulting from production agriculture through field and laboratory experiences. To prepare for careers in environmental service systems, students must attain academic skills and knowledge, acquire advanced technical knowledge and skills related to environmental service systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT2A50Y1 **Long Name:** Floral Design
Short Name: Floral Dsg **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13001800 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral 50 enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. To prepare for careers in floral design, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

This course satisfies the fine arts graduation requirement

Course Code: HT2A50Y2 **Long Name:** Floral Design w/Lab
Short Name: Floral Dsg w/Lab **Recommended Grade Placement:** 9-12 **2.0 credit** **STATE**
Service Id: 13001810 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral 50 enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. To prepare for careers in floral design, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

This course satisfies the fine arts graduation requirement

Course Code: HT2A80Y1 **Long Name:** Agricultural Mechanics and Metal
Short Name: AG Mech & Metal **Recommended Grade Placement:** 10-12 **1 credit** **STATE**
Service Id: 13002200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Recommended Prerequisite:** Principles of AG FNR

Description: Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

Course Code: HT2A80Y2 **Long Name:** Agricultural Mechanics and Metal w/Lab
Short Name: AG Mech & Metal w/Lab **Recommended Grade Placement:** 10-12 **2** **STATE**
Service Id: 13002200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Recommended Prerequisite:** Principles of AG FNR

Description: Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

Course Code: HT3A30Y1 **Long Name:** Advanced Energy and Natural Resource Tech
Short Name: Adv Env Tech **Recommended Grade Placement:** 11-12 **1 credit** **STATE**
Service Id: 13001200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster and Energy and Natural Resource Technology

Description: Advanced Energy and Natural Resource Technology is designed to explore the interdependency of the public and natural resource systems related to energy production. In addition, renewable, sustainable, and environmentally friendly practices will be explored. To prepare for careers in the field of energy and natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to energy and natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT3A30Y2 **Long Name:** Advanced Energy and Natural Resource Tech WLab
Short Name: Adv Env Tech **Recommended Grade Placement:** 11-12 **2 credit** **STATE**
Service Id: 13001210 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1 **Prerequisite:** Recommended a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster and Energy and Natural Resource Technology

Description: Advanced Energy and Natural Resource Technology is designed to explore the interdependency of the public and natural resource systems related to energy production. In addition, renewable, sustainable, and environmentally friendly practices will be explored. To prepare for careers in the field of energy and natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to energy and natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT3A40Y1 **Long Name:** Horticulture Science
Short Name: Hort Sci **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13002000 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

Course Code: HT3A50Y1 **Long Name:** Veterinary Medical Applications
Short Name: Vet Med Apps **Recommended Grade Placement:** 10-12 **1 credit** **STATE**
Service Id: 13000600 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Equine Science, Small Animal Management, or Livestock Production

Description: Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

Course Code: HT3A50Y2 **Long Name:** Veterinary Medical Applications w/Lab
Short Name: Vet Med Apps w/Lab **Recommended Grade Placement:** 10-12 **2 credit** **STATE**
Service Id: 13000610 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Equine Science, Small Animal Management, or Livestock Production

Description: Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

Course Code: HT3A50SH **Long Name:** Landscape Design and Management
Short Name: Landscape D&M **Recommended Grade Placement:** 10-12 **.5 credit** **STATE**
Service Id: 13001900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Landscape Design and Management is designed to develop an understanding of landscape design and management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT3A60SH **Long Name:** Turf Grass
Short Name: Turf Grass **Recommended Grade Placement:** 10-12 **.5 credit** **STATE**
Service Id: 13001950 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Turf Grass Management is designed to develop an understanding of turf grass management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT3A70Y1 **Long Name:** Greenhouse Operation and Production
Short Name: Greenhouse OPS **Recommended Grade Placement:** 10-12 **1 credit** **STATE**
Service Id: 13002050 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT3A70Y2 **Long Name:** Greenhouse Operation and Production w/Lab
Short Name: Greenhouse OPS w/Lab **Recommended Grade Placement:** 10-12 **2 credit** **STATE**
Service Id: 13002055 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT3A80Y1 **Long Name:** Agricultural Structures Design and Fabrication
Short Name: AG Structures **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13002300 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Agricultural Mechanics and Metal Technologies
Description: In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Course Code: HT3A80Y2 **Long Name:** Agricultural Structures Design and Fabrication w/Lab
Short Name: AG Structures w/Lab **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13002310 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended Agricultural Mechanics and Metal Technologies
Description: In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Course Code: HT3A90Y1 **Long Name:** Agricultural Equipment Design and Fabrication
Short Name: AG Equipment **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13002350 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Agricultural Mechanics and Metal Technologies
Description: In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Course Code: HT3A90Y2 **Long Name:** Agricultural Equipment Design and Fabrication w/Lab
Short Name: AG Equipment w/Lab **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13002355 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended Agricultural Mechanics and Metal Technologies
Description: In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Course Code: HT4A00Y1 **Long Name:** Mathematical Apps in Agriculture, Food, and Natural Resources
Short Name: Math AG FD NR **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13001000 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I. Recommended prerequisite: one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.
Description: In Mathematical Applications in Agriculture, Food, and Natural Resources, students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. To prepare for careers in agriculture, food, and natural resources, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. To prepare for success, students need opportunities to reinforce, apply, and transfer their knowledge and skills related to mathematics in a variety of contexts.
This course satisfies a high school mathematics graduation requirement

Course Code: HT4A10Y1 **Long Name:** Advanced Animal Science
Short Name: Adv Animal Sci **Recommended Grade Placement:** 12 **1 credit** **STATE**
Service Id: 13000700 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and, Chemistry, or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production. Recommended prerequisite: Veterinary Medical Applications.

Description: Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement

Course Code: HT3A70Y1 **Long Name:** Advanced Plant and Soil Science
Short Name: Adv P & S Sci **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13002100 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Biology, Integrated Physics and Chemistry, Chemistry, or Physics and a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.

Description: Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Course Code: HT4A80Y2 **Long Name:** Agricultural Power Systems
Short Name: AG Power Sys **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13002400 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended Principles of Agriculture, Food, and Natural

Description: Agricultural Power Systems is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in a variety of settings.

Course Code: HT4A80Y3 **Long Name:** Agricultural Power Systems w/Lab
Short Name: AG Power Sys w/Lab **Recommended Grade Placement:** 10-12 **3.0 credit** **STATE**
Service Id: 13002410 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** Recommended Principles of Agriculture, Food, and Natural Resources

Description: Agricultural Power Systems is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in a variety of settings.

Course Code: HT4A00Y2 **Long Name:** Practicum in Agriculture, Food, and Natural Resources 1
Short Name: Prac AG FD NR 1 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13002500 **TEKS** **GPA:** TIER 3 **Duration:** Year

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster

Description: Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT4A00Y3 **Long Name:** Practicum in Agriculture, Food, and Natural Resources 1
Short Name: Prac AG FD NR 1 **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13002505 **TEKS** **GPA:** TIER 3 **Duration:** Year

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** Recommended a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster

Description: Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT5A00Y2 **Long Name:** Practicum in Agriculture, Food, and Natural Resources 2
Short Name: Prac AG FD NR 2 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13002510 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

Part 1/Part 2 Credit Per Part: 1.0 **Prerequisite:** Recommended a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster

Description: Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Course Code: HT5A00Y3 **Long Name:** Practicum in Agriculture, Food, and Natural Resources 2
Short Name: Prac AG FD NR 2 **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13002515 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

Part 1/Part 2 Credit Per Part: 1.5 **Prerequisite:** Recommended a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster

Description: Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.



Architecture and Construction [Return](#)

Course Code: HT1B00Y1 **Long Name:** Principles of Architecture
Short Name: Prin Architect **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13004210 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to set and achieve realistic career and educational goals. Job-specific training can be provided through training modules that identify career goals in trade and industry areas. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings.

Course Code: HT2B30S1 **Long Name:** Architectural Design 1
Short Name: Arch Dsg 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13004600 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Algebra I and English I. Recommended prerequisites: Geometry, Principles of Architecture, and Principles of Construction.

Description: In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

Course Code: HT2B30Y1 **Long Name:** Architectural Design 1
Short Name: Arch Dsg 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13004600 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I and English I. Recommended prerequisites: Geometry, Principles of Architecture, and Principles of Construction.

Description: In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

Course Code: HT2B40Y1 **Long Name:** Interior Design 1
Short Name: Interior Dsg 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13004300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I and English I. Recommended prerequisites: Principles of Architecture and Principles of Construction or Architectural Design I

Description: Interior Design I is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and compete in industry.

Course Code: HT3B20Y2 **Long Name:** Construction Technology 1
Short Name: Const Tech 1 **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**
Service Id: 13005100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Construction or Principles of Architecture

Description: In Construction Technology I, 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.

Course Code: HT3B30Y2 **Long Name:** Architectural Design 2
Short Name: Arch Dsg 2 **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13004700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Architectural Design I or Advanced Interior Design and Geometry. Recommended prerequisites: Principles of Architecture and Principles of Construction.

Description: In Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design II includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

Course Code: HT3B3AY2 **Long Name:** Architectural Design 2
Short Name: Arch Dsg 2 **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13004700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Architectural Design I or Advanced Interior Design and Geometry. Recommended prerequisites: Principles of Architecture and Principles of Construction.

Description: In Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design II includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

Course Code: HT3B3DY2 **Long Name:** Architectural Design 2 DC
Short Name: Arch Dsg 2 DC **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13004700 [TEKS](#) **GPA:** TIER 1 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Architectural Design I or Advanced Interior Design and Geometry.
Recommended prerequisites: Principles of Architecture and Principles of Construction.

Description: In Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design II includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

The EPCC Courses are:
DFTG 1409 (Basic CAD)
DFTG 1417 (Architectural Drafting-Residential).

Course Code: HT3B40Y2 **Long Name:** Interior Design 2
Short Name: Int Dsg 2 **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13004400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** English II, Geometry, and Interior Design I.

Description: Interior Design II is a technical laboratory course that includes the application of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior design to meet industry standards.

Course Code: HT3B4AY2 **Long Name:** Interior Design 2
Short Name: Int Dsg 2 **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13004400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** English II, Geometry, and Interior Design I.

Description: Interior Design II is a technical laboratory course that includes the application of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior design to meet industry standards.

Course Code: HT3B4DY2 **Long Name:** Interior Design 2 DC
Short Name: Int Dsg 2 DC **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13004400 [TEKS](#) **GPA:** TIER 1 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** English II, Geometry, and Interior Design I.

Description: Interior Design II is a technical laboratory course that includes the application of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior design to meet industry standards.

The EPCC Courses are:
INDS1315 (Materials, Methods, and Estimating)
INDS1311 (Fundamentals of Interior Design)

Course Code: HT3B50S1 **Long Name:** Principles of Construction
Short Name: Prin Construction **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13004220 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: 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. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Course Code: HT3B5AS1 **Long Name:** Principles of Construction
Short Name: Prin Construction **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13004220 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: 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. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Course Code: HT3B5DS1 **Long Name:** Principles of Construction DC
Short Name: Prin Construction DC **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13004220 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: 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. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

The EPCC Course:

Course Code: HT3B6AS1 **Long Name:** Electrical Technology 1
Short Name: Elect Tech 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13005600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Architecture or Principles of Construction

Description: In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

Course Code: HT3B6DS1 **Long Name:** Electrical Technology 1 DC
Short Name: Elect Tech 1 DC **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13005600 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Architecture or Principles of Construction

Description: In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

The EPCC Course:

Course Code: HT3B80S1 **Long Name:** Plumbing 1
Short Name: Elect Tech 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13006000 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Architecture, Principles of Construction, or Construction Technology I.

Description: In Plumbing Technology I, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor or prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in industry workplace basics and employer/customer expectations, including how to use a plumbing code book; how to identify and use power and hand tools; how to be safe on the jobsite and when using hand and power tools; how to apply basic plumbing mathematics and plumbing drawing; and how to identify, fit, and use plastic, copper, cast iron, carbon steel, and corrugated stainless steel pipe. In addition, students will be introduced to gas, drainage, and water supply systems and continue their knowledge of workplace basics and green technologies.

Course Code: HT4B20Y2 **Long Name:** Construction Technology 2
Short Name: Const Tech 2 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13005200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Construction Technology I

Description: 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.

Course Code: HT4B30Y2 **Long Name:** Practicum in Architectural Design
Short Name: Prac Arc Dsg **Recommended Grade Placement:** 12 **2.0 credits** **STATE**
Service Id: 13004800 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Architectural Design II

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Architecture and Construction Career Cluster.

Description: Practicum in Architectural Design is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

Course Code: HT4B3AY2 **Long Name:** Practicum in Architectural Design
Short Name: Prac Arc Dsg **Recommended Grade Placement:** 12 **2.0 credits** **STATE**
Service Id: 13004800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Architectural Design II
General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Architecture and Construction Career Cluster.
Description: Practicum in Architectural Design is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

Course Code: HT4B3DY2 **Long Name:** Practicum in Architectural Design DC
Short Name: Prac Arc Dsg DC **Recommended Grade Placement:** 12 **2.0 credits** **STATE**
Service Id: 13004800 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Architectural Design II
General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Architecture and Construction Career Cluster.
Description: Practicum in Architectural Design is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.
The EPCC Course:

Course Code: HT4B40Y2 **Long Name:** Practicum in Interior Design
Short Name: Prac Int Dsg **Recommended Grade Placement:** 12 **2.0 credits** **STATE**
Service Id: 13004500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Interior Design II
General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Architecture and Construction Career Cluster.
Description: Practicum in Interior Design is an occupationally specific course designed to provide job-specific skills through laboratory training, job shadowing, or work situations in areas compatible with identified career goals in interior design. In addition, students will be expected to develop knowledge and skills related to housing, furnishings, and equipment construction or equipment management and services.

Course Code: HT4B5AY2 **Long Name:** Electrical Technology 2
Short Name: Elect Tech 2 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13005700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Electrical Technology I. Recommended prerequisite: Principles of Architecture or Principles of Construction.
Description: In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

Course Code: HT4B5DY2 **Long Name:** Electrical Technology 2
Short Name: Elect Tech 2 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13005700 **[TEKS](#)** **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Electrical Technology I. Recommended prerequisite: Principles of Architecture or Principles of Construction.

Description: In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

The EPCC Course:

Course Code: HT4B80Y2 **Long Name:** Plumbing Technology 2
Short Name: Plumbing 2 **Recommended Grade Placement:** 11-12 **2.0 Credits** **STATE**
Service Id: 13006100 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Plumbing Technology I.

Description: In Plumbing Technology II, students will gain the advanced knowledge and skills needed to enter the industry as a plumber, building maintenance technician, or supervisor or prepare for a postsecondary degree in mechanical engineering. Students will acquire knowledge and skills in plumbing codes, industry workplace basics, and employer/customer expectations, including tool and jobsite safety, advanced plumbing mathematics, commercial drawings, basic electricity, hanger installation, supports and structural penetrations, roof drains, fixture installation, valves and faucets, and oxy-fuel safety. Students will also learn about setup, cutting, brazing and welding water system sizing; gas, drain, waste and vent installation and testing; and water heater installation.



Arts, Audio/Video Technology, and Communications

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Course Code: HT1C00SH **Long Name:** Professional Communication
Short Name: Pro Comm **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: 13009900 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Semester
School (s): All

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** NONE

Description: Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course satisfies a speech credit or skills graduation requirement.

Course Code: HT1CU0SH **Long Name:** Professional Communication DL
Short Name: Pro Comm DL **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: 13009900 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Semester
School (s): All

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** NONE

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course satisfies a speech credit or skills graduation requirement.

Course Code: HT2C10Y1 **Long Name:** Animation I
Short Name: Animation I **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13008300 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Art I or Principals of Art, Audio/Video Technology, and Communications.

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

Course Code: HT2C10Y2 **Long Name:** Animation I w/Lab
Short Name: Animation 1 w/Lab **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13008310 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1 **Prerequisite:** Recommended prerequisite: Art I or Principals of Art, Audio/Video Technology, and Communications.

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

Course Code: HT3C20Y1 **Long Name:** Audio/Video Production 1
Short Name: A/V Prod 1 **Recommended Grade Placement:** 9-12 **1.0 credits** **STATE**
Service Id: 13008500 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

Description: Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

Course Code: HT3C20Y2 **Long Name:** Audio/Video Production 1 w/Lab
Short Name: A/V Prod 1 w/Lab **Recommended Grade Placement:** 9-12 **2.0 credits** **STATE**
Service Id: 13008510 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

Description: Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. Requiring a lab for the course affords necessary time devoted specifically to the production and post-production process.

Course Code: HT2C30Y1 **Long Name:** Fashion Design 1
Short Name: Fshn Dsg 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13009300 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications

Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Course Code: HT2C30Y2 **Long Name:** Fashion Design 1 w/Lab
Short Name: Fshn Dsg 1 w/Lab **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13009310 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications

Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Course Code: HT2C4AY1 **Long Name:** Graphic Design 1
Short Name: Graphic Dsg 1 **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**
Service Id: 13008800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

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

Course Code: HT2C4DY1 **Long Name:** Graphic Design 1 DC
Short Name: Graphic Dsg 1 DC **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**
Service Id: 13008800 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

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

The EPCC Course:

Course Code: HT2C4AY2 **Long Name:** Graphic Design 1 w/Lab
Short Name: Graphic Dsg 1 w/Lab **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**
Service Id: 13008810 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

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

Course Code: HT2C4DY2 **Long Name:** Graphic Design 1 DC w/Lab
Short Name: Graphic Dsg 1 DC w/lab **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**
Service Id: 13008810 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Arts, Audio/Video Technology, and Communications.

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

The EPCC Course:

Course Code: HT3C10Y1 **Long Name:** Animation 2
Short Name: Animation 2 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13008400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Animation 1

Description: Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

Course Code: HT3C10Y2 **Long Name:** Animation 2 w/Lab
Short Name: Animation 2 w/Lab **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13008410 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Animation 1

Description: Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

Course Code: HT3C20Y1 **Long Name:** Audio/Video Production 2
Short Name: A/V Prod 2 **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**
Service Id: 13008600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** A/V Production 1

Description: Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. This course may be implemented in an advanced audio format or an advanced format, including both audio and video.

Course Code: HT3C20Y2 **Long Name:** Audio/Video Production 2 w/Lab
Short Name: A/V Prod 2 w/Lab **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**
Service Id: 13008610 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** A/V Production 1

Description: Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. This course may be implemented in an advanced audio format or an advanced format, including both audio and video. Requiring a lab for the course affords necessary time devoted specifically to the production and post-production process.

Course Code: HT3C30Y1 **Long Name:** Fashion Design 2
Short Name: Fshn Dsg 2 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13009400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Fashion Design I

Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Course Code: HT3C30Y2 **Long Name:** Fashion Design 2 w/Lab
Short Name: Fshn Dsg 2 w/Lab **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13009410 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Fashion Design I
Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Course Code: HT3C4AY1 **Long Name:** Graphic Design 2
Short Name: Graphic Dsg 2 **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**
Service Id: 13008900 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** .5 **Prerequisite:** Graphic Design 1
Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Course Code: HT3C4DY1 **Long Name:** Graphic Design 2 DC
Short Name: Graphic Dsg 2 DC **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**
Service Id: 13008900 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** .5 **Prerequisite:** Graphic Design 1
Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.
The EPCC Course:

Course Code: HT3C4AY2 **Long Name:** Graphic Design 2 w/Lab
Short Name: Graphic Dsg 2 w/Lab **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**
Service Id: 13008910 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Graphic Design 1
Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Course Code: HT3C4DY2 **Long Name:** Graphic Design 2 DC w/Lab
Short Name: Graphic Dsg 2 DC w/lab **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**
Service Id: 13008910 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Graphic Design 1
Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.
The EPCC Course:

Course Code: HT4C10Y2 **Long Name:** Practicum in Animation
Short Name: Prac Animation **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13008450 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Animation 2

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Arts, Audio/Video Technology, and Communications Career Cluster.

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

Course Code: HT4C10Y2 **Long Name:** Practicum in Audio Video Production
Short Name: Prac A/V Prod **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13008700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Audio/Video Production 2

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Arts, Audio/Video Technology, and Communications Career Cluster.

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

Course Code: HT4C10Y2 **Long Name:** Practicum in Fashion Design
Short Name: Prac Fashion Dsg **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13009500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Fashion Design 2

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Arts, Audio/Video Technology, and Communications Career Cluster.

Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Course Code: HT4C10Y2

Long Name: Practicum in Graphic Design

Short Name: Prac Graphic Dsg

Recommended Grade Placement: 11-12

2.0 credits STATE

Service Id: 13009000

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Graphic Design 2

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Arts, Audio/Video Technology, and Communications Career Cluster.

Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.



Business Management and Administration

[Return](#)

Course Code: HT1D0AY1 **Long Name:** Principles of Business, Marketing, and Finance
Short Name: Prin Bus Mk Fin **Recommended Grade Placement:** 9-11 **1.0 credit** **STATE**
Service Id: 13011200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

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

Course Code: HT1D10SH **Long Name:** Touch System Data Entry
Short Name: Touchsysdataent **Recommended Grade Placement:** 9-10 **0.5 credit** **STATE**
Service Id: 13011300 **TEKS** **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents.

Course Code: HT2D00Y1 **Long Name:** Business Law
Short Name: Bus Law **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13011700 **TEKS** **GPA:** TIER 3 **Duration:** Semester
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

Course Code: HT2D10Y1 **Long Name:** Business Information Management I
Short Name: BIM 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13011400 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Campuses

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite Touch System Data Entry

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

Course Code: HT2D1AY1 **Long Name:** Business Information Management I
Short Name: BIM 1 **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13011400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): All Campuses

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Touch System Data Entry

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

Course Code: HT2D20SH **Long Name:** Virtual Business
Short Name: Virtual Bus **Recommended Grade Placement:** 10-12 **0.5 credit** **STATE**
Service Id: 13012000 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Touch System Data Entry

Description: Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

Course Code: HT4D00SH **Long Name:** Global Business
Short Name: Global Bus **Recommended Grade Placement:** 10-12 **0.5/ credit** **STATE**
Service Id: 13011800 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

Course Code: HT3D30Y1 **Long Name:** Business Management
Short Name: Bus Mgmt **Recommended Grade Placement:** 10-12 **1.0 Credits** **STATE**
Service Id: 13012100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

Course Code: HT4D00Y1 **Long Name:** Business English
Short Name: Bus English **Recommended Grade Placement:** 12 **1.0 credits** **STATE**
Service Id: 13011600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

School (s): All campuses

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** English III Recommended Prerequisite: Touch Systems Data Entry.

Description: In Business English, students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology.

This course satisfies the high school advanced English graduation requirement.

Course Code: HT4D10Y2 **Long Name:** Practicum Business Management
Short Name: Prac Bus MGMT **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13012200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Touch System Data Entry and Business Management or Business Information Management II.

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Business Management and Administration Career Cluster

Description: Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Course Code: HT4D10Y3 **Long Name:** Practicum Business Management
Short Name: Prac Bus MGMT **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13012205 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** Recommended prerequisites: Touch System Data Entry and Business Management or Business Information Management II.

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Business Management and Administration Career Cluster

Description: Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.



Education and Training

[Return](#)

Course Code: HT1E00Y1 **Long Name:** Principles of Education and Training
Short Name: Prin Edu & Trng **Recommended Grade Placement:** 9-10 **1.0** **STATE**
Service Id: 13014200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

Course Code: HT2E00Y1 **Long Name:** Human Growth and Development
Short Name: Human G & D **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13014300 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Prerequisite: Principles of Education and Training

Description: Human Growth and Development is an examination of 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.

Course Code: HT2E0DY1 **Long Name:** Human Growth and Development DC
Short Name: Human G & D DC **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13014300 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Prerequisite: Principles of Education and Training

Description: Human Growth and Development is an examination of 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.

The EPCC Course is:

Course Code: HT3E00Y2 **Long Name:** Instructional Practices
Short Name: Instr Prac **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13014400 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Principles of Education and Training and Human Growth and Development

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

Course Code: HT3E0AY2 **Long Name:** Instructional Practices CDL 2
Short Name: Instr Prac CDL2 **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13014400 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Principles of Education and Training and Human Growth and Development

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

Course Code: HT3E0DY2 **Long Name:** Instructional Practices DC
Short Name: Instr Prac DC **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13014400 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Principles of Education and Training and Human Growth and Development

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

The EPCC Course is:

Course Code: HT4E00Y2 **Long Name:** Practicum in Education and Training
Short Name: Prac E & T **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13014500 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Instructional Practices. 14 Recommended prerequisites: Principles of Education and Training and Human Growth and Development.

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Education and Training Career Cluster.

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

Course Code: HT4E00Y3 **Long Name:** Practicum in Education and Training
Short Name: Prac E & T **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13014505 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** Instructional Practices. 14 Recommended prerequisites: Principles of Education and Training and Human Growth and Development.

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Education and Training Career Cluster.

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

Course Code: HT4E0AY2 **Long Name:** Practicum in Education and Training
Short Name: Prac E & T **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13014500 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Instructional Practices. 14 Recommended prerequisites: Principles of Education and Training and Human Growth and Development.

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Education and Training Career Cluster.

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

Course Code: HT4E0DY2 **Long Name:** Practicum in Education and Training
Short Name: Prac E & T **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13014500 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Instructional Practices. 14 Recommended prerequisites: Principles of Education and Training and Human Growth and Development.

General requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Education and Training Career Cluster.

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

The EPCC Course is:



Finance [Return](#)

Course Code: HT1F10Y1 **Long Name:** Money Matters
Short Name: Money Matters **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13016200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

Description: In Money Matters, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning.

Course Code: HT2F10Y1 **Long Name:** Securities and Investments
Short Name: Sec & Invst **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13016400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

Description: Students will describe and abide by laws and regulations in order to manage business operations and transactions in the insurance industry; access, process, maintain, evaluate, and disseminate information to assist in making decisions common to the insurance industry; and monitor, plan, and control day-to-day insurance organization activities to ensure continued business functioning. Students will use career planning concepts, tools, and strategies to explore, obtain, and develop a career in insurance. Students will employ underwriting techniques and strategies to gather, access, and evaluate the risk posed by potential insurance clients. Students will determine client needs and wants and respond through planned, personalized communication to influence purchase decisions and enhance future insurance business opportunities.

Course Code: HT2F10SH **Long Name:** Banking and Financial Services
Short Name: Bank & Fin **Recommended Grade Placement:** 10-12 **0.5 credit** **STATE**
Service Id: 13016300 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester

Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

Description: Banking services are primarily concerned with accepting deposits, lending funds, and extending credit. Banking services include cash management, short-term investments, mortgages and other loans, credit cards, and bill payment. Banking services are delivered via a number of different institutions, from commercial banks (the largest group) and other traditional means (savings and loans associations, credit unions, and local banks) to newer ventures through insurance companies, brokerage houses, and the Internet.

Course Code: HT2F2AY1 **Long Name:** Accounting 1
Short Name: Accounting 1 **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13016600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

School (s): All Campuses

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Business and Information Management

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

Course Code: HT3F10Y1 **Long Name:** Insurance Operations
Short Name: Insurance Ops **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13016500 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance
Description: Students will describe and abide by laws and regulations in order to manage business operations and transactions in the insurance industry; access, process, maintain, evaluate, and disseminate information to assist in making decisions common to the insurance industry; and monitor, plan, and control day-to-day insurance organization activities to ensure continued business functioning. Students will use career planning concepts, tools, and strategies to explore, obtain, and develop a career in insurance. Students will employ underwriting techniques and strategies to gather, access, and evaluate the risk posed by potential insurance clients. Students will determine client needs and wants and respond through planned, personalized communication to influence purchase decisions and enhance future insurance business opportunities.

Course Code: HT3F20Y1 **Long Name:** Accounting 2
Short Name: Accounting 2 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13016700 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Campuses
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Accounting 1

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

This course satisfies a high school mathematics graduation requirement.

Course Code: HT3F2AY1 **Long Name:** Accounting 2
Short Name: Accounting 2 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13016700 **TEKS** **GPA:** TIER 3 **Duration:** Year
School (s): All Campuses
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Accounting 1

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

This course satisfies a high school mathematics graduation requirement.

Course Code: HT4F00Y1 **Long Name:** Financial Mathematics
Short Name: Finance Math **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13018000 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1

Description: Financial Mathematics is a course about personal money management. Students will apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors. The course will integrate career and postsecondary education planning into financial decision making

This course satisfies a high school mathematics graduation requirement.

Course Code: HT4F10Y1 **Long Name:** Financial Analysis
Short Name: Fin Analysis **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13016800 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Accounting 1

Description: In Financial Analysis, students will apply knowledge and technical skills in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students will develop analytical skills by actively evaluating financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement.

Course Code: HT4F20Y1 **Long Name:** Statistics and Business Decision Making
Short Name: Statistics BDM **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13016900 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 2

Description: Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

This course satisfies a high school mathematics graduation requirement.

Course Code: HT4F2DY1 **Long Name:** Statistics and Business Decision Making
Short Name: Statistics BDM **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13016900 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 2

Description: Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

This course satisfies a high school mathematics graduation requirement.
EPCC course number

Government and Public Administration

[Return](#)

Course Code: HT1G00Y1 **Long Name:** Principles of Government and Public Administration
Short Name: Prin G & P Adm **Recommended Grade Placement:** 9-11 **1.0 credit** **STATE**
Service Id: 13018200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Principles of Government and Public Administration introduces students to foundations of governmental functions and career opportunities within the United States and abroad. Students will examine governmental documents such as the U.S. Constitution, current U.S. Supreme Court and federal court decisions, and the Bill of Rights.

Course Code: HT2G00Y1 **Long Name:** Public Management & Administration
Short Name: Pub Mgmt **Recommended Grade Placement:** 9-11 **1.0 credit** **STATE**
Service Id: 13018600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
School (s): Bowie

Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Government and Public Administration or Business Management or Business Law.

Description: Public Management and Administration reviews actions and activities that governments and nonprofit administrations commonly use and that resemble private-sector management. Students will be introduced to management tools that maximize the effectiveness of different types and styles of administrators and affect the quality of life of citizens in the community.

Course Code: HT3G00Y1 **Long Name:** National Security
Short Name: National Sec **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**
Service Id: 13018800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/ Part 2 **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisites: Principles of Government and Public Administration and Public Management and 15 Administration or Principles of Law, Public Safety, Corrections, and Security or Junior Reserve Officer Training Corps (JROTC) coursework

Description: National Security introduces the students to the aspects of disaster management. The course includes engaging simulation exercises related to natural disasters, man-made disasters, and terroristic events using homeland security programs and National Incident Management System (NIMS) programs



Health Science

[Return](#)

Course Code: HT1H2AS1 **Long Name:** Principles of Health Science
Short Name: Prin HS **Recommended Grade Placement:** 9- 11 **1.0 credit** **STATE**
Service Id: 13020200 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry

Course Code: HT1H2AY1 **Long Name:** Principles of Health Science
Short Name: Prin HS **Recommended Grade Placement:** 9- 11 **1.0 credit** **STATE**
Service Id: 13020200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry

Course Code: HT1H2DS1 **Long Name:** Principles of Health Science Dc
Short Name: Prin HS Dc **Recommended Grade Placement:** 9- 11 **1.0 credit** **STATE**
Service Id: 13020200 [TEKS](#) **GPA:** TIER 1 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry

Course Code: HT1H2DY1 **Long Name:** Principles of Health Science Dc
Short Name: Prin HS Dc **Recommended Grade Placement:** 9- 11 **1.0 credit** **STATE**
Service Id: 13020200 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry

Course Code: HT1H1AY1 **Long Name:** HST Medical Terminology
Short Name: HST Med Term **Recommended Grade Placement:** 9 - 12 **1.0 credit** **STATE**
Service Id: 13020300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** NONE

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

Course Code: HT1H1DY1 **Long Name:** HST Medical Terminology DC
Short Name: HST Med Term Dc **Recommended Grade Placement:** 9 - 12 **1.0 credit** **STATE**
Service Id: 13020300 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** NONE

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

Course Code: HT2H00Y1 **Long Name:** HST Informatics
Short Name: HST Informatics **Recommended Grade Placement:** 9 - 12 **1.0 credit** **STATE**
Service Id: 13020960 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Business Management I and Medical Terminology

Description: The Health Informatics course is designed to provide knowledge of one of the fastest growing areas in both academic and professional fields. The large gap between state of the art computer technologies and the state of affairs in health care information technology has generated demand for information and health professionals who can effectively design, develop, and use technologies such as electronic medical records, patient monitoring systems, and digital libraries, while managing the vast amount of data generated by these systems.

Course Code: HT2H0DY1 **Long Name:** HST Informatics DC
Short Name: HST Informatics DC **Recommended Grade Placement:** 9 - 12 **1.0 credit** **STATE**
Service Id: 13020960 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Business Management I and Medical Terminology

Description: The Health Informatics course is designed to provide knowledge of one of the fastest growing areas in both academic and professional fields. The large gap between state of the art computer technologies and the state of affairs in health care information technology has generated demand for information and health professionals who can effectively design, develop, and use technologies such as electronic medical records, patient monitoring systems, and digital libraries, while managing the vast amount of data generated by these systems.

EPCC Course:

Course Code: HT2H1AS1 **Long Name:** Health Science Theory
Short Name: HST Theory **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020400 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Principles of Health Science and Biology

Description: The Health Science Theory 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.

Course Code: HT2H1AY1 **Long Name:** Health Science Theory
Short Name: HST Theory **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Principles of Health Science and Biology

Description: The Health Science Theory 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.

Course Code: HT2H1DS1 **Long Name:** Health Science Theory DC
Short Name: HST Theory Dc **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020400 [TEKS](#) **GPA:** TIER 1 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Principles of Health Science and Biology

Description: The Health Science Theory 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.

Course Code: HT2H1DY1 **Long Name:** Health Science Theory Dc
Short Name: HST Theory Dc **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020400 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Principles of Health Science and Biology

Description: The Health Science Theory 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.

Course Code: HT3H00Y1 **Long Name:** Anatomy and Physiology
Short Name: Anat Phys **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

This course satisfies a high school science graduation requirement.

Course Code: HT3H0AY1 **Long Name:** Anatomy and Physiology PAP
Short Name: Anat Phys PAP **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020600 **TEKS** **GPA:** TIER 2 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

This course satisfies a high school science graduation requirement.

Course Code: HT3H0QY1 **Long Name:** Anatomy and Physiology PAP
Short Name: Anat Phys PAP **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020600 **TEKS** **GPA:** TIER 2 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

This course satisfies a high school science graduation requirement.

Course Code: HT4H00Y1 **Long Name:** Medical Micro Biology
Short Name: Med Micro **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13020700 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

This course satisfies a high school science graduation requirement.

Course Code: HT4H10Y1 **Long Name:** Pathophysiology
Short Name: Med Micro **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13020800 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

This course satisfies a high school science graduation requirement.

Course Code: HT4H20Y1 **Long Name:** World Health Research
Short Name: HST World Hlth **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13020900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.
Description: The World Health Research course is designed to examine major world health problems and emerging technologies as solutions to these medical concerns. It is designed to improve students' understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues.

Course Code: HT4H30Y1 **Long Name:** Mathematics for Medical Professionals
Short Name: HST Math **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13020970 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Geometry and Algebra II.
Description: The Mathematics for Medical Professionals course is designed to serve as the driving force behind the Texas essential knowledge and skills for mathematics, guided by the college and career readiness standards. By embedding statistics, probability, and finance, while focusing on fluency and solid understanding in medical mathematics, students will extend and apply mathematical skills necessary for health science professions. Course content consists primarily of high school level mathematics concepts and their applications to health science professions.

Course Code: HT4H4AY1 **Long Name:** Pharmacology
Short Name: HST Pharm **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13020950 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.
Description: The Pharmacology 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.

Course Code: HT4H5DY1 **Long Name:** HST EMT DC
Short Name: HST EMT DC **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: N1303015 **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** None
Description: This course includes skills necessary for a student to provide emergency medical care at a basic life support level with an ambulance service and is designed for anyone interested in working in public safety, including fire, police, and ambulance operations. The EMT-Basic course provides an introduction to the concepts, knowledge and skills needed by EMTs in the areas of communications, transportation, and recordkeeping.

Course Code: HT4H60Y1 **Long Name:** Dosage Calculation
Short Name: Dosage Cal **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: N1302096 **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** None
Description: This course is to be prepared for careers in the health science industry, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics.

Course Code: HT4H6DY1 **Long Name:** Dosage Calculation DC
Short Name: Dosage Cal DC **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: N1302096 **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** None
Description: This course is to be prepared for careers in the health science industry, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics.

Course Code: HT5H00Y2 **Long Name:** Practicum in Health Science
Short Name: HST Practicum **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13020500 **TEKS** **GPA:** TIER 3 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT5H0AY2 **Long Name:** Practicum in Health Science
Short Name: HST Practicum **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13020500 **TEKS** **GPA:** TIER 3 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT5H0DY2 **Long Name:** Practicum in Health Science Dc
Short Name: HST Practicum Dc **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13020500 **TEKS** **GPA:** TIER 1 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT5H00Y3 **Long Name:** Practicum in Health Science
Short Name: HST Practicum **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13020505 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT5H0AY3 **Long Name:** Practicum in Health Science
Short Name: HST Practicum **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13020505 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT5H0DY3 **Long Name:** Practicum in Health Science Dc
Short Name: HST Practicum Dc **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**
Service Id: 13020505 **[TEKS](#)** **GPA:** TIER 1 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT5H1XY1 **Long Name:** HST Sports Medicine 1
Short Name: HST Sports 1 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: N1150040 **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** None
Description: Sports Medicine I provides an opportunity for the study and application of the components of sports medicine.

Course Code: HT5H2XS1 **Long Name:** HST Sports Medicine 2
Short Name: HST Sports 2 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: N1150041 **GPA:** TIER 1 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None
Description: Sports Medicine II involves outside-of-class time homework and time required working with athletes and athletic teams.

Course Code: HT5H3XS1 **Long Name:** HST Sports Medicine 3
Short Name: HST Sports 3 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: N1150044 **GPA:** TIER 1 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None
Description: Sports Medicine III will provide a logical progression for students that have advanced through the sports medicine courses. This course will provide opportunities for advanced students to research, investigate, prepare, and present article reviews, case studies, research projects, visual poster presentations, and multimedia presentations on instructor-approved topics.

Course Code: HT6H00Y2 **Long Name:** Practicum in Health Science 2
Short Name: HST Practicum 2 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13020510 **TEKS** **GPA:** TIER 3 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT6H0AY2 **Long Name:** Practicum in Health Science 2
Short Name: HST Practicum 2 **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13020510 **TEKS** **GPA:** TIER 3 **Duration:** Year
General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.
Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT6H0DY2 **Long Name:** Practicum in Health Science 2 Dc

Short Name: HST Practicum 2 Dc **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**

Service Id: 13020510 **[TEKS](#)** **GPA:** TIER 1 **Duration:** Year

General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.

Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT6H00Y3 **Long Name:** Practicum in Health Science 2

Short Name: HST Practicum 2 **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**

Service Id: 13020515 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.

Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT6H0AY3 **Long Name:** Practicum in Health Science 2

Short Name: HST Practicum 2 **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**

Service Id: 13020515 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.

Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT6H0DY3 **Long Name:** Practicum in Health Science 2 Dc

Short Name: HST Practicum 2 Dc **Recommended Grade Placement:** 11-12 **3.0 credits** **STATE**

Service Id: 13020515 **[TEKS](#)** **GPA:** TIER 1 **Duration:** Year

General Requirements: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Principles of Health Science, Health Science Theory, and Biology.

Description: Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.



Hospitality and Tourism

[Return](#)

Course Code: HT1100Y1

Long Name: Principles of Hospitality and Tourism

Short Name: Prin Tourism

Recommended Grade Placement: 9-12

1.0 credit STATE

Service Id: 13022200

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1/ Part 2 Credit Per Part: 0.5 **Prerequisite:** None

Description: 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.

Course Code: HT2I0VS1

Long Name: Introduction to Culinary Arts

Short Name: Intro Culinary

Recommended Grade Placement: 9-12

1.0 credit STATE

Service Id: 13022550

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Hospitality and Tourism

Description: Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

Course Code: HT2I0VS1

Long Name: Hotel Management

Short Name: Hotel Mgmt

Recommended Grade Placement: 9-12

1.0 credit STATE

Service Id: 13022300

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Hospitality and Tourism

Description: Hotel Management focuses on the knowledge and skills needed to pursue staff and management positions available in the hotel industry. This in-depth study of the lodging industry includes departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources, and accounting. This course will focus on, but not be limited to, professional communication, leadership, management, human resources, technology, and accounting.

Course Code: HT3I00Y2

Long Name: Culinary Arts

Short Name: Cul Arts 1

Recommended Grade Placement: 9-12

2.0 credit STATE

Service Id: 13022600

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Hospitality and Tourism

Description: 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.

Course Code: HT3I0AY2

Long Name: Culinary Arts

Short Name: Cul Arts 1

Recommended Grade Placement: 9-12

2.0 credit STATE

Service Id: 13022600

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Hospitality and Tourism

Description: 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.

Course Code: HT3I0DY2 **Long Name:** Culinary Arts DC
Short Name: Cul Arts 1 DC **Recommended Grade Placement:** 9-12 **2.0 credit** **STATE**
Service Id: 13022600 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Hospitality and Tourism
Description: 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.

Course Code: HT4I00Y1 **Long Name:** Food Science
Short Name: Food Science **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13023000 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Three units of science, including chemistry and biology. Recommended prerequisite: Principles of Hospitality and Tourism.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

This course satisfies a high school science graduation requirement.

Course Code: HT4I00Y2 **Long Name:** Advance Culinary Arts
Short Name: Adv Cul Arts **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13022650 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Culinary Arts
Description: Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

Course Code: HT4I0AY2 **Long Name:** Advance Culinary Arts
Short Name: Adv Cul Arts **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13022650 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Culinary Arts
Description: Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

Course Code: HT4I0DY2 **Long Name:** Advance Culinary Arts
Short Name: Adv Cul Arts **Recommended Grade Placement:** 10-12 **2.0 credit** **STATE**
Service Id: 13022650 **TEKS** **GPA:** TIER 1 **Duration:** Year
Part 1/ Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Culinary Arts
Description: Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

Course Code: HT5I0VY2

Long Name: Practicum Culinary Arts

Short Name: Prac Cul Arts

Recommended Grade Placement: 10-12

2.0 credit STATE

Service Id: 13022700

[TEKS](#)

GPA: TIER 3

Duration: Year

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Culinary Arts

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Hospitality and Tourism Career Cluster

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



Human Services

[Return](#)

Course Code: HT1J00Y1 **Long Name:** Principles of Human Services
Short Name: Prin Human Srvc **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**
Service Id: 13024200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** NONE

Description: Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Course Code: HT1J10SH **Long Name:** Dollars and Sense
Short Name: Dollars & Sense **Recommended Grade Placement:** 11-12 **0.5 credit** **STATE**
Service Id: 13024300 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Principles of Human Services

Description: Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

Course Code: HT2J10SH **Long Name:** Interpersonal Studies
Short Name: Interprsnl Stds **Recommended Grade Placement:** 10-12 **0.5 credit** **STATE**
Service Id: 13024400 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Principles of Human Service

Description: Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

Course Code: HT2J20SH **Long Name:** Lifetime Nutrition and Wellness
Short Name: Life Nutr Well **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: 13024500 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Recommended Principles of Human Service

Description: Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Course Code: HT2J30Y1 **Long Name:** Child Development
Short Name: Child Dev **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13024700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Human Services
Description: Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children

Course Code: HT2J3AY1 **Long Name:** Child Development BTEP
Short Name: Child Dev BTEP **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13024700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Human Services
Description: Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children

Course Code: HT2J3DY1 **Long Name:** Child Development BTEP DC
Short Name: Child Dev BTEP DC **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: 13024700 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Human Services
Description: Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children

Course Code: HT3J00Y1 **Long Name:** Counseling & Mental Health
Short Name: Cnsl Mntl Hlth **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13024600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Human Services
Description: In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

Course Code: HT3J2AY2 **Long Name:** Child Guidance CDL
Short Name: Child Guide CDL **Recommended Grade Placement:** 11-12 **2.0 credits** **STATE**
Service Id: 13024800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Human Services.
Recommended prerequisite or co-requisite: Child Development
Description: Child Guidance is a technical laboratory course that addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing.

Course Code: HT3J70S1 **Long Name:** Cosmo Intro 1-1
Short Name: Cosmo Intro 1-1 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: 13025100 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

Course Code: HT3J80S1 **Long Name:** Cosm Manicur 1-2
Short Name: Cosm Manicur 1-2 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: 13025050 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Principles of Cosmetology Design and Color Theory, 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

Course Code: HT3J6XS1 **Long Name:** Cosmetology 1-3
Short Name: Cosmetology 1-3 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: N1302532 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: The Shampoo-Conditioning Specialist Program is a planned sequence of classroom and lab instruction designed to prepare the student for the Texas Department of Licensing and Regulation's Shampoo and Conditioning Specialty Certificate exam.

Course Code: HT3J70Y2 **Long Name:** Cosm Manicur 1-3
Short Name: Cosm Manicur 1-3 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: 13025200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Cosmetology I, 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. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (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.

Course Code: HT3J50Y2 **Long Name:** Cosmetology 1-2
Short Name: Cosmetology 1-2 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: 13025200 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Cosmetology I, 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. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (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.

Course Code: HT4J8XY2 **Long Name:** CosmManicur 2-1
Short Name: CosmManicur 2-1 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: N1302531 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: This course is a planned 600 clock hour sequence of classroom and lab instruction designed to prepare the student for the Texas Cosmetology Manicurist Specialty License exam.

Course Code: HT4J70Y2 **Long Name:** CosmManicur 2-2
Short Name: CosmManicur 2-2 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: 13025300 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Cosmetology II, 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.

Course Code: HT4J6XY2 **Long Name:** Cosmetology 2-1
Short Name: Cosmetology 2-1 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: N1302533 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: The Cosmetology Facialist Specialist course offers a complete program in the science and art of esthetics. Students are exposed to the industry through salon visits and guest speakers.

Course Code: HT4J50Y2 **Long Name:** Cosmetology 2-2
Short Name: Cosmetology 2-2 **Recommended Grade Placement:** 11-12 **1.0 credits** **STATE**
Service Id: 13025300 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: In Cosmetology II, 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.

Course Code: HT4J6AY2

Long Name: Practicum Human Services

Short Name: Prac Human Serv

Recommended Grade Placement: 10-12

2.0 credit STATE

Service Id: 13022700

TEKS

GPA: TIER 3

Duration: Year

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:**

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Human Services Career Cluster.

Description: Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster.



Information Technology

[Return](#)

Course Code: HT1K00Y1 **Long Name:** Principles of Information Technology
Short Name: Prin Info Tech **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: #13027200 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** NONE

Description: In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Course Code: HT2K00Y1 **Long Name:** Digital Media
Short Name: D & I Media **Recommended Grade Placement:** 9-12 1.0 credits STATE
Service Id: #13027800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1Part 2 Credit Per Part: 0.5 **Prerequisite:** NONE

Description: 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.

Course Code: HT3K10Y1 **Long Name:** Computer Maint
Short Name: CPU Maint **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: #13027300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1Part 2 Credit Per Part: .5 **Prerequisite:** Recommended prerequisite: Principles of Information Technology.

Description: In Computer Maintenance, students will acquire knowledge of computer maintenance 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 maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

Course Code: HT3K10Y2 **Long Name:** Computer Maint w/lab
Short Name: CPU Maint w/Lab **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: #13027310 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1Part 2 Credit Per Part: .5 **Prerequisite:** Recommended prerequisite: Principles of Information Technology.

Description: In Computer Maintenance, students will acquire knowledge of computer maintenance 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 maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

Course Code: HT3K30Y1 **Long Name:** Computer Programing 1
Short Name: CPU Program 1 **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: #13027600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Part 2** **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisites: Principles of Information Technology and Algebra I.

Description: In Computer Programming I, students will acquire knowledge of structured 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.

Course Code: HT4K10Y1 **Long Name:** Networking
Short Name: Networking **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: #13027400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Part 2** **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisites: Principles of Information Technology, Computer Maintenance,

Description: In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Course Code: HT4K10Y2 **Long Name:** Networking w/Lab
Short Name: Networking w/Lab **Recommended Grade Placement:** 10-12 2.0 credits STATE
Service Id: #13027410 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Part 2** **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Principles of Information Technology, Computer Maintenance,

Description: In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Course Code: HT4K30Y1 **Long Name:** Computer Programing 2
Short Name: CPU Program 2 **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: #13027700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 **Part 2** **Credit Per Part:** .5 **Prerequisite:** Recommended prerequisites: Principles of Information Technology and Computer Programming I.

Description: In Computer Programming II, 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 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.



Law, Public Safety, Corrections, and Security

[Return](#)

Course Code: HT1L00Y1 **Long Name:** Principles of Law, Public Safety, Corrections, and Security

Short Name: Prin Law PCS **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: #13029200 **TEKS** **GPA:** TIER 3 **Duration:** Year

Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** NONE

Description: 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.

Course Code: HT2L0XY1 **Long Name:** Introduction American Law

Short Name: Intro Amer Law **Recommended Grade Placement:** 9-12 **1.0 credit** **STATE**

Service Id: N1303013 **TEKS** **GPA:** TIER 3 **Duration:** Year

Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** NONE

Description: This is an introductory course in American Law that explores the origins of American Law, nature of precedent/common law, provides an overview of American court structure, introduces case law, and surveys several of the courses traditionally taught during the first year of law school to include the following subjects: criminal law, criminal/civil procedure, torts, contracts, property and family law.

Course Code: HT2L10Y1 **Long Name:** Law Enforcement I

Short Name: Law Enforc 1 **Recommended Grade Placement:** 10-12 **1.0 credits** **STATE**

Service Id: #13029300 **TEKS** **GPA:** TIER 3 **Duration:** Year

Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Law, Public Safety, Corrections, and Security

Description: 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.

Course Code: HT2L20Y2 **Long Name:** Firefighting I

Short Name: Firefighting I **Recommended Grade Placement:** 10-12 **2.0 credits** **STATE**

Service Id: #13029900 **TEKS** **GPA:** TIER 3 **Duration:** Year

Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Principles of Law, Public Safety, Corrections, and Security

Description: Firefighter 1 introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety.

Course Code: HT2L2AY2 **Long Name:** Firefighting I
Short Name: Firefighting I **Recommended Grade Placement:** 10-12 2.0 credits STATE
Service Id: #13029900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Law, Public Safety, Corrections, and Security

Description: Firefighter 1 introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety.

Course Code: HT2L2DY2 **Long Name:** Firefighting I
Short Name: Firefighting I **Recommended Grade Placement:** 10-12 2.0 credits STATE
Service Id: #13029900 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Law, Public Safety, Corrections, and Security

Description: Firefighter 1 introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety.

Course Code: HT3L0AY1 **Long Name:** Court Systems and Practices
Short Name: Court SP **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: 13029600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Law Enforcement I or Principles of Government or Public Administration.

Description: Court Systems and Practices 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.

Course Code: HT3L0XY1 **Long Name:** Legal Research and Writing
Short Name: Legal R & W **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: N1303014 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** None

Description: This course is designed to introduce students to the methods and tools used to conduct legal research to include Lexis-Nexis, learn how to develop and frame legal arguments, produce legal writings such as briefs, memorandums, and other legal documents, study American Constitutional law, and prepare for appellate argument(s).

Course Code: HT3L2AY3 **Long Name:** Firefighting 2
Short Name: Firefighting 2 **Recommended Grade Placement:** 11-12 3.0 credits STATE
Service Id: #13029900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Credit Per Part: 1.5 **Prerequisite:** Firefighter I. Recommended prerequisite: Principles of Law, Public Safety, Corrections, and Security.

Description: Firefighter II is the second course in a series for students studying firefighter safety and development. Students will understand Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety. Students will demonstrate proper use of fire extinguishers, ground ladders, fire hoses, and water supply apparatus systems.

Course Code: HT3L2DY3 **Long Name:** Firefighting 2
Short Name: Firefighting 2 **Recommended Grade Placement:** 11-12 3.0 credits STATE
Service Id: #13029900 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 1.5 **Prerequisite:** Firefighter I. Recommended prerequisite: Principles of Law, Public Safety, Corrections, and Security.

Description: Firefighter II is the second course in a series for students studying firefighter safety and development. Students will understand Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety. Students will demonstrate proper use of fire extinguishers, ground ladders, fire hoses, and water supply apparatus systems.

Course Code: HT3L30Y1 **Long Name:** Correctional Service
Short Name: Correctnl Svcs **Recommended Grade Placement:** 10-12 1.0 credits STATE
Service Id: 13029700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Law Enforcement I or Principles of Government or Public Administration.

Description: In Correctional Services, students prepare for certification required for employment as a municipal, county, state, or federal correctional officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations, and laws of municipal, county, state, or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state, or federal correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.

Course Code: HT4L10Y2 **Long Name:** Practicum of Law, Public Safety, Corrections, and Security.
Short Name: Prac Law PCS1 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: 13030100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4L1AY2 **Long Name:** Practicum of Law, Public Safety, Corrections, and Security.
Short Name: Prac Law PCS1 **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13030100 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4L1DY2 **Long Name:** Practicum of Law, Public Safety, Corrections, and Security. DC
Short Name: Prac Law DC **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13030100 **[TEKS](#)** **GPA:** TIER 1 **Duration:** Year

Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4L10Y3 **Long Name:** Practicum of Law, Public Safety, Corrections, and Security.
Short Name: Prac Law PCS1 **Recommended Grade Placement:** 11-12 **3.0 credit** **STA**
Service Id: 13030105 **[TEKS](#)** **GPA:** TIER 3 **Duration:** Year

Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4L1AY3 **Long Name:** Practicum of Law, Public Safety, Corrections, and Security.
Short Name: Prac Law PCS1 **Recommended Grade Placement:** 11-12 **3.0 credit** **STATE**
Service Id: 13030105 **TEKS** **GPA:** TIER 3 **Duration:** Year

Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4L1DY3 **Long Name:** Practicum of Law, Public Safety, Corrections, and Security. DC
Short Name: Prac Law DC **Recommended Grade Placement:** 11-12 **3.0 credit** **STATE**
Service Id: 13030105 **TEKS** **GPA:** TIER 1 **Duration:** Year

Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4L00Y1 **Long Name:** Forensic Science
Short Name: Forensic Sci **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: 13029500 **TEKS** **GPA:** TIER 3 **Duration:** Year

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Part 1/2 Credit Per Part: 0.5 **Prerequisite:** Biology and Chemistry. Recommended prerequisite or corequisite: any Law, Public Safety, Corrections, and Security Career Cluster course.

Description: Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

This course satisfies a high school science graduation requirement.



Manufacturing

[Return](#)

Course Code: HT1M00Y1 **Long Name:** Principles of Manufacturing
Short Name: Prin of Mfg **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: 13032200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Algebra I or Geometry.

Description: In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Course Code: HT1M10Y1 **Long Name:** Welding Intro
Short Name: Welding Intro **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: 13032250 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite or corequisite: Algebra I.

Description: Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

Course Code: HT2M1AY2 **Long Name:** Welding 1
Short Name: Welding 1 **Recommended Grade Placement:** 9-12 2.0 credit STATE
Service Id: 13032300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding.

Description: Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Course Code: HT2M1DY2 **Long Name:** Welding 1 DC
Short Name: Welding 1 DC **Recommended Grade Placement:** 9-12 2.0 credit STATE
Service Id: 13032300 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisites: Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding.

Description: Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Course Code: HT2M20Y1 **Long Name:** Diverse Mfg 1
Short Name: Diverse Mfg 1 **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: 13032650 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Algebra I.

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

Course Code: HT2M30Y1 **Long Name:** Mfg Engring 1
Short Name: Mfg Engring 1 **Recommended Grade Placement:** 9-12 1.0 credit STATE
Service Id: 13032900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Algebra I.

Description: In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

Course Code: HT2M40Y2 **Long Name:** Perc Metal Mfg 1
Short Name: Perc Metal Mfg 1 **Recommended Grade Placement:** 9-12 2.0 credit STATE
Service Id: 13032500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Manufacturing and completion of or concurrent enrollment in Algebra I or Geometry.

Description: Precision Metal Manufacturing I will provide the knowledge, skills, and technologies required for employment in precision machining. While the course is designed to provide necessary skills in machining, it also provides a real-world foundation for any engineering discipline. This course may address a variety of materials such as plastics, ceramics, and wood in addition to metal. Students will develop knowledge of the concepts and skills related to precision metal manufacturing to apply them to personal and career development. This course supports integration of academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for success. This course is designed to provide entry-level employment for the student or articulated credit integration into a community college and dual credit with a community college with completion of the advanced course.

Course Code: HT3M5AY2 **Long Name:** Metal Fab 1
Short Name: Metal Fab 1 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: 13032700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Algebra I or Geometry.

Description: Metal Fabrication and Machining I provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. Students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Course Code: HT3M5DY2 **Long Name:** Metal Fab 1 DC
Short Name: Metal Fab 1 DC **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: 13032700 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Algebra I or Geometry.

Description: Metal Fabrication and Machining I provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. Students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Course Code: HT4M5AY2 **Long Name:** Metal Fab 2
Short Name: Metal Fab 2 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: 13032800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 1.0 **Prerequisite:** Metal Fabrication and Machining I. Recommended prerequisites: Geometry and Algebra II.

Description: Metal Fabrication and Machining I provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. Students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Course Code: HT4M5DY2 **Long Name:** Metal Fab 2 DC
Short Name: Metal Fab 2 DC **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: 13032800 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 1.0 **Prerequisite:** Metal Fabrication and Machining I. Recommended prerequisites:
Geometry and Algebra II.

Description: Metal Fabrication and Machining I provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. Students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Course Code: HT3M1AY3 **Long Name:** Welding 2 w/Lab
Short Name: Welding 2 w/Lab **Recommended Grade Placement:** 11-12 3.0 credit STATE
Service Id: 13032410 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 1.5 **Prerequisite:** Welding I.

Description: Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Welding II Lab provides an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. This course provides knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Course Code: HT3M1DY3 **Long Name:** Welding 2 w/Lab DC
Short Name: Welding 2 w/Lab DC **Recommended Grade Placement:** 11-12 3.0 credit STATE
Service Id: 13032410 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/2 Credit Per Part: 1.5 **Prerequisite:** Welding I.

Description: Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Welding II Lab provides an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. This course provides knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Course Code: HT3M20Y1 **Long Name:** Diverse Mfg 2
Short Name: Diverse Mfg 2 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: 13032660 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Diversified Manufacturing I. Recommended prerequisite: Algebra I.

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

Course Code: HT3M30Y1 **Long Name:** Mfg Engring 2
Short Name: Mfg Engring 2 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: 13032950 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 0.5 **Prerequisite:** Manufacturing Engineering Technology I. Recommended prerequisite: Algebra II, Computer Science I, or Physics.

Description: In Manufacturing Engineering Technology II, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of Manufacturing Engineering Technology II will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Course Code: HT3M40Y2 **Long Name:** Perc Metal Mfg 2
Short Name: Perc Metal Mfg 2 **Recommended Grade Placement:** 9-12 2.0 credit STATE
Service Id: 13032600 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/2 **Credit Per Part:** 1.0 **Prerequisite:** Precision Metal Manufacturing I.

Description: Precision Metal Manufacturing II will provide students the knowledge, skills, and technologies required for employment in precision machining. While this course is designed to provide necessary skills in machining, it also provides a real-world foundation for any engineering discipline. This course addresses a variety of materials such as plastics, ceramics, and wood in addition to metal. Students will develop knowledge of the concepts and skills related to these systems to apply them to personal and career development. This course supports integration of academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for success. This course is designed to provide entry-level employment for the student or articulated credit integration into a community college and dual credit with a community college with completion of the advanced course.

Course Code: HT3M40Y3 **Long Name:** Perc Metal Mfg 2
Short Name: Perc Metal Mfg 2 **Recommended Grade Placement:** 9-12 3.0 credit STATE
Service Id: 13032610 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/2 Credit Per Part: 1.5 **Prerequisite:** Precision Metal Manufacturing I.

Description: Precision Metal Manufacturing II will provide students the knowledge, skills, and technologies required for employment in precision machining. While this course is designed to provide necessary skills in machining, it also provides a real-world foundation for any engineering discipline. This course addresses a variety of materials such as plastics, ceramics, and wood in addition to metal. Students will develop knowledge of the concepts and skills related to these systems to apply them to personal and career development. This course supports integration of academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for success. This course is designed to provide entry-level employment for the student or articulated credit integration into a community college and dual credit with a community college with completion of the advanced course.

Course Code: HT4M10Y2 **Long Name:** Practicum of Manufacturing
Short Name: Prac MFG **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: 13033000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4M10Y3 **Long Name:** Practicum of Manufacturing
Short Name: Prac MFG **Recommended Grade Placement:** 11-12 3.0 credit STATE
Service Id: 13033005 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** None

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.



Marketing, Sales, & Service

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Course Code: HT2N10SH **Long Name:** Advertising
Short Name: Adv and Sales **Recommended Grade Placement:** 9-12 **0.5 credit** **STATE**
Service Id: 13034200 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

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

Course Code: HT2N20Y1 **Long Name:** Entrepreneurship
Short Name: Entrepreneurship **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: #13034400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance.

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

Course Code: HT2N2AY1 **Long Name:** Entrepreneurship
Short Name: Entrepreneurship **Recommended Grade Placement:** 10-12 **1.0 credit** **STATE**
Service Id: #13034400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance.

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

Course Code: HT2N30SH **Long Name:** Fashion Marketing
Short Name: Fashion MKT **Recommended Grade Placement:** 9-12 0.5 credit STATE
Service Id: 13034300 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

Description: Fashion Marketing is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

Course Code: HT2N30SH **Long Name:** Social Media Marketing
Short Name: Socialmedia MKT **Recommended Grade Placement:** 9-12 0.5 credit STATE
Service Id: 13034650 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

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

Course Code: HT2N30SH **Long Name:** Sports and Entertainment Marketing
Short Name: Sports MKT **Recommended Grade Placement:** 9-12 0.5 credit STATE
Service Id: 13034600 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 Credit Per Part: 0.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance

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

Course Code: HT4N00Y2 **Long Name:** MKT Dynamics
Short Name: MKT Dynamics **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13034700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 Credit Per Part: 1.0 **Prerequisite:** One credit from the courses in the Marketing Career Cluster.
Recommended prerequisite: Practicum in Marketing.

Description: In Advanced Marketing, students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-service skills.

Course Code: HT4N10Y2 **Long Name:** Practicum in Marketing
Short Name: Prac MKT **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: 13034800 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance.

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Marketing Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: Practicum in Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.

Course Code: HT4N10Y3 **Long Name:** Practicum in Marketing
Short Name: Prac MKT **Recommended Grade Placement:** 11-12 **3.0 credit** **STATE**
Service Id: 13034805 **TEKS** **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Recommended prerequisite: Principles of Business, Marketing, and Finance.

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Marketing Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: Practicum in Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.



Science, Technology, Engineering, & Mathematics
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Course Code: HT1S00Y1 **Long Name:** Principles of Applied Engineering
Short Name: Prin STEM **Recommended Grade Placement:** 9-10 1.0 credit STATE
Service Id: #13036200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

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

Course Code: HT1S00Y1 **Long Name:** Principles of Applied Engineering DL
Short Name: Prin STEM DL **Recommended Grade Placement:** 9-10 1.0 credit STATE
Service Id: #13036200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Course Code: HT2S10Y1 **Long Name:** Engineering Design and Presentation 1
Short Name: Eng Dsg & Prsnt1 **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13036500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I Recommended prerequisite: Principles of Applied Engineering/STEM

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

Course Code: HT2S20Y1 **Long Name:** Electronics AC/DC
Short Name: Electronic ACDC **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13036800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Applied Engineering/STEM

Description: AC/DC Electronics focuses on the basic electricity principles of alternating current/direct current (AC/DC) circuits. Students will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Through use of the design process, students will transfer academic skills to component designs in a project-based environment. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students will explore career opportunities, employer expectations, and educational needs in the electronics industry.

Course Code: HT2S30Y1 **Long Name:** Robotics 1
Short Name: Robotics 1 **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037000 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Recommended prerequisite: Principles of Applied Engineering/STEM

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

Course Code: HT2S40Y1 **Long Name:** Principles of Biosciences
Short Name: Prin Bioscience **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13036300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Principles of Biosciences is a strong reinforcement of Biology content that provides an overview of biotechnology, bioengineering, and related fields. Topics include genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students will further study the increasingly important agricultural, environmental, economic, and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology.

Course Code: HT3S00Y1 **Long Name:** Principles of Technology
Short Name: Prin of Tech **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037100 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** One credit of high school science and Algebra I.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: In Principles of Technology, students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.

This course satisfies a high school science graduation requirement.

Course Code: HT3S10Y2 **Long Name:** Engineering Design Presentation 2
Short Name: Eng Dsg 2 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13036600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Algebra I and Geometry. Recommended prerequisite: Principles of Applied Engineering or Engineering Design and Presentation I.

Description: Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping.

Course Code: HT3S20Y1 **Long Name:** Electronics Solid State
Short Name: Electronics SS **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13036900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** AC/DC Electronics.

Description: In Solid State Electronics, students will demonstrate knowledge and applications of advanced circuits, electrical measurement, and electrical implementation used in the electronics and computer industries. Students will transfer advanced academic skills to apply engineering principles and technical skills to troubleshoot, repair, and modify electronic components, equipment, and power 16 electronic systems in a project-based environment. Additionally, students will explore career opportunities, employer expectations, and educational needs in the electronics industry.

Course Code: HT3S30Y1 **Long Name:** Robotics 2
Short Name: Robotics 2 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037050 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Robotics 1

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

Course Code: HT3S40Y1 **Long Name:** Biotechnology 1
Short Name: Biotechnology 1 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13036400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biology and Chemistry . Recommended prerequisite Principles of Biosciences

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: In Biotechnology I, students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biotechnology I will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics.

This course satisfies a high school science graduation requirement.

Course Code: HT4S00Y1 **Long Name:** Engineering Math
Short Name: Engineer Math **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13036700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 2

Description: Engineering Mathematics is a course where students solve and model design problems. Students will use a variety of mathematical methods and models to represent and analyze problems that represent a range of real-world engineering applications such as robotics, data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and computer programming.

This course satisfies a high school mathematics graduation requirement.

Course Code: HT4S10Y1 **Long Name:** Engineering Design and Problem Solving
Short Name: Eng Dsg & PS **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I and Geometry. Recommended prerequisites: two Science, Technology, Engineering, and Mathematics (STEM) Career Cluster credits.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

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

This course satisfies a high school science graduation requirement.

Course Code: HT4S00Y1 **Long Name:** Digital Electronics
Short Name: Electronics Dig **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year

Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1 and Geometry

Description: Digital Electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of modern electronic devices such as cellular phones, digital audio players, laptop computers, digital cameras, and high-definition televisions. The primary focus of Digital Electronics is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

This course satisfies a high school mathematics graduation requirement.

Course Code: HT4S30S1 **Long Name:** Health Science SRD
Short Name: HST SRD **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037200 [TEKS](#) **GPA:** TIER 3 **Duration:** Semester
Part 1 **Credit Per Part:** 1.0 **Prerequisite:** Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

This course satisfies a high school science graduation requirement

Course Code: HT4S30Y1 **Long Name:** Robotics SRD
Short Name: Robotics SRD **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13037200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

This course satisfies a high school science graduation requirement

Course Code: HT4S40Y1 **Long Name:** Biotechnology 2
Short Name: Biotechnology 1 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #13036450 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Biotechnology I and Chemistry.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement.

Description: Biotechnology II has the components of any rigorous scientific or bioengineering program of study from the problem identification, investigation design, data collection, data analysis, and formulation and presentation of the conclusions. This course applies the standard skills mastered in Biotechnology I and includes assay design. After taking this course, students should be prepared for entry-level lab technician jobs.

Course Code: HT4S50Y1 **Long Name:** Engineering Science
Short Name: Engineering Sci **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Part 2 Credit Per Part: 0.5 **Prerequisite:** Algebra I and Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics. Recommended prerequisite: Geometry.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a postsecondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

This course satisfies a high school science graduation requirement

Course Code: HT4S60Y2 **Long Name:** Practicum in Science, Technology, Engineering and Math
Short Name: Prac STEM **Recommended Grade Placement:** 12 2.0 credit STATE
Service Id: 13037400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.0 **Prerequisite:** Algebra I and Geometry. Recommended prerequisites: two credits from the courses in the STEM Career Cluster.

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Science, Technology, Engineering, and Mathematics (STEM) Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Course Code: HT4S60Y3 **Long Name:** Practicum in Science, Technology, Engineering and Math
Short Name: Prac STEM **Recommended Grade Placement:** 12 3.0 credit STATE
Service Id: 13037405 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/ Part 2 Credit Per Part: 1.5 **Prerequisite:** Algebra I and Geometry. Recommended prerequisites: two credits from the courses in the STEM Career Cluster.

General Requirement: The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Science, Technology, Engineering, and Mathematics (STEM) Career Cluster. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Description: Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.



Transportation, Distribution & Logistics

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Course Code: HT3P00Y2 **Long Name:** Auto ASE 1
Short Name: Auto ASE 1 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Automotive Basics.

Description: Automotive Technology 1: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology 1: Maintenance and Light Repair, 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.

Course Code: HT3P0AY2 **Long Name:** Autotech ASE 1
Short Name: Autotech ASE **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Automotive Basics.

Description: Automotive Technology 1: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology 1: Maintenance and Light Repair, 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.

Course Code: HT3P0DY2 **Long Name:** Auto ASE 1 DC
Short Name: Auto ASE 1 DC **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039600 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Automotive Basics.

Description: Automotive Technology 1: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology 1: Maintenance and Light Repair, 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.

Course Code: HT3P10Y2 **Long Name:** Auto Collision 1
Short Name: Auto Collision 1 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039800 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Basic Collision Repair and Refinishing

Description: Collision Repair includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.

Course Code: HT3P2AY2 **Long Name:** Auto DSL 1
Short Name: Auto DSL 1 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13040150 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: Diesel Equipment Technology 1 includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the knowledge, skills, and technologies required for employment in transportation systems.

Course Code: HT3P2DY2 **Long Name:** Auto DSL 1 DC
Short Name: Auto DSL 1 DC **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13040150 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** None

Description: Diesel Equipment Technology 1 includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the knowledge, skills, and technologies required for employment in transportation systems.

Course Code: HT4P00Y2 **Long Name:** Auto ASE 2
Short Name: Auto ASE 2 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Automotive Technology I

Description: Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, 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.

Course Code: HT4P0AY2 **Long Name:** Autotech ASE 2
Short Name: Autotech ASE 2 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039700 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Automotive Technology I

Description: Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, 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.

Course Code: HT4P0DY2 **Long Name:** Auto ASE 2 DC
Short Name: Auto ASE 2 DC **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039700 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Automotive Technology I

Description: Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, 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.

Course Code: HT4P10Y2 **Long Name:** Auto Collision 2
Short Name: Auto Collision 2 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13039900 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Recommended prerequisite: Basic Collision Repair and Refinishing

Description: Paint and Refinishing includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive paint and refinishing.

Course Code: HT4P2AY2 **Long Name:** Auto DSL 2
Short Name: Auto DSL 2 **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13040160 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Auto DSL 1

Description: Diesel Equipment Technology II includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course [trades and industries. Trade and industrial education] provides the advanced knowledge, skills, and technologies required for employment in transportation systems.

Course Code: HT4P2DY2 **Long Name:** Auto DSL 2 DC
Short Name: Auto DSL 2 DC **Recommended Grade Placement:** 11-12 2.0 credit STATE
Service Id: #13040160 [TEKS](#) **GPA:** TIER 1 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Auto DSL 1

Description: Diesel Equipment Technology II includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course [trades and industries. Trade and industrial education] provides the advanced knowledge, skills, and technologies required for employment in transportation systems.

Career Development

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Course Code: HT3T00Y2 **Long Name:** Career Prep 1
Short Name: Career Prep 1 **Recommended Grade Placement:** 11-12 **2.0 credit** **STATE**
Service Id: #12701300 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a career cluster related to the field in which the student will be employed.

Description: Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences.

Course Code: HT3T00Y3 **Long Name:** Career Prep 1
Short Name: Career Prep 1 **Recommended Grade Placement:** 11-12 **3.0 credit** **STATE**
Service Id: #12701305 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a career cluster related to the field in which the student will be employed.

Description: Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences.

Course Code: HT3T10Y1 **Long Name:** Project Based Research 1
Short Name: ProBaseRes 1 **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: #12701500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT3TU0Y1 **Long Name:** Project Based Research 1 DL
Short Name: ProBaseRes 1 DL **Recommended Grade Placement:** 11-12 **1.0 credit** **STATE**
Service Id: #12701500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT3T1DY1 **Long Name:** Project Based Research 1 DC
Short Name: ProBaseRes 1 DC **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #12701500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT3T00Y2 **Long Name:** Career Prep 2
Short Name: Career Prep 2 **Recommended Grade Placement:** 12 2.0 credit STATE
Service Id: #12701400 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.0 **Prerequisite:** Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a career cluster related to the field in which the student will be employed.

Description: Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences.

Course Code: HT3T00Y3 **Long Name:** Career Prep 2
Short Name: Career Prep 2 **Recommended Grade Placement:** 12 3.0 credit STATE
Service Id: #12701405 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 1.5 **Prerequisite:** Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a career cluster related to the field in which the student will be employed.

Description: Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences.

Course Code: HT4T10Y1 **Long Name:** Project Based Research 2
Short Name: ProBaseRes 2 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #12701510 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT4T1DY1 **Long Name:** Project Based Research 2 DC
Short Name: ProBaseRes 2 DC **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #12701510 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT4TU0Y1 **Long Name:** Project Based Research 2 DL
Short Name: ProBaseRes 2 DL **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #12701510 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Students will participate in a rigorous academic program that accelerates their learning by developing a high linguistic proficiency in two languages. Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Course Code: HT5T10Y1 **Long Name:** Project Based Research 3
Short Name: ProBaseRes 23 **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: #12701520 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Project Lead the Way

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Course Code: HT1W0XY1 **Long Name:** PLW Intr E Dsg
Short Name: PLW Intr E Dsg **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: N1303742 **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: The major focus of this course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

Course Code: HT1W00Y1 **Long Name:** PLW Principles of STEM
Short Name: PLW Prin STEM **Recommended Grade Placement:** 9-10 1.0 credit STATE
Service Id: #13036200 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

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

Course Code: HT2W0XY1 **Long Name:** PLW Engineering Science
Short Name: PLW Prin Eng **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037500 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1 Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra I and Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics. Recommended prerequisite: Geometry.

General Requirement: Students must meet the 40% laboratory and fieldwork requirement

Description: Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a postsecondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

This course satisfies a high school science graduation requirement

Course Code: HT3S0XY1 **Long Name:** PLW Digital Electronics
Short Name: PLW Dig Elect **Recommended Grade Placement:** 10-12 1.0 credit STATE
Service Id: #13037600 [TEKS](#) **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** Algebra 1 and Geometry

Description: Digital Electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discreet voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of modern electronic devices such as cellular phones, digital audio players, laptop computers, digital cameras, and high-definition televisions. The primary focus of Digital Electronics is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

This course satisfies a high school mathematics graduation requirement.

Course Code: HT3W1XY1 **Long Name:** PLW Biotech Eng
Short Name: PLW Biotech Eng **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: N1303746 **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: The major focus of this course is to expose students to the diverse fields of biotechnology including biomedical engineering, molecular genetics, bioprocess engineering, and agricultural and environmental engineering.

Course Code: HT3W2XY1 **Long Name:** PLW Civil Arch
Short Name: PLW Civil Arch **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: N1303747 **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Students apply what they learn about various aspects of civil engineering and architecture to the design and development of a property.

Course Code: HT3W3XY1 **Long Name:** PLW CPU Int Mfg
Short Name: PLW CPU Int Mfg **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: N1303748 **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Students learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation

Course Code: HT3W4XY1 **Long Name:** PLTW Aerospace Engineering
Short Name: Aerospace Eng **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: N1303745 **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: Aerospace Engineering engages students in engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering.

Course Code: HT4W0XY1 **Long Name:** PLW Eng Design Development
Short Name: PLW Eng Dsg **Recommended Grade Placement:** 11-12 1.0 credit STATE
Service Id: N1303749 **GPA:** TIER 3 **Duration:** Year
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Description: This is an engineering research course in which students will work in teams to research, design, test and construct a solution to an open-ended engineering problem.

Interventions

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Course Code: HC100LY0 **Long Name:** EOC Bio Intervention Science
Short Name: EOC Bio **Recommended Grade Placement:** 9-12 **0 credit** **Local**
Service Id: 84800009 **Duration:** Year
School (s): All Schools
Part 1/Part 2 **Credit Per Part:** 0 **Prerequisite:** None

Course Description: Students who fail to perform satisfactorily as determined by the commissioner under Section 39.0241(a) on an end-of-course assessment instrument will receive accelerated instruction in essential knowledge and skills that are assessed by the assessment instrument for the Biology EOC. Students will participate in an intensive review structured learning program that expands their learning opportunities by guiding them through rigorous coursework, providing mentoring and intensive tutoring. The different strands of the essential knowledge and skills for science will be integrated for instructional and review purposes into the course.

Course Code: HE100LY0 **Long Name:** EOC Eng 1 Intervention English Language Arts
Short Name: EOC Eng 1 Intv **Recommended Grade Placement:** 9-12 **0 credit** **Local**
Service Id: 84000005 **Duration:** Year
School (s): All Schools
Part 1/ Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: English 1 Intervention is designed for those students who are at risk of failing the State of Texas Assessment of Academic Readiness for the STAAR English I EOC or are identified as needing additional instruction in reading and writing. The writing focus will be the literary and expository essay.

Course Code: HE200LY0 **Long Name:** EOC Eng 2 Intervention Local-Credit Course - English Language Arts
Short Name: EOC Eng 2 Intv **Recommended Grade Placement:** 9-12 **0 credit** **Local**
Service Id: 84000002 **Duration:** Year
School (s): All Schools
Part 1/Part 2 **Credit Per Part:** 0.5 **Prerequisite:** None

Course Description: English 2 Intervention (STAAR EOC II) is designed for those students who are at risk of failing the State of Texas Assessment of Academic Readiness for the STAAR English II EOC or are identified as needing additional instruction in reading and writing. The writing focus will be the expository and persuasive essay.

Course Code: HM100LY0 **Long Name:** EOC Alg 1 Intervention Math
Short Name: EOC Alg 1 **Recommended Grade Placement:** 9-12 **0 credit** **Local**
Service Id: 84100009 **Duration:** Year
School (s): All Schools
Part 1/Part 2 **Credit Per Part:** 0 **Prerequisite:** None

Course Description: Students who fail to perform satisfactorily as determined by the commissioner under Section 39.0241(a) on an end-of-course assessment instrument will receive accelerated instruction in essential knowledge and skills that are assessed by the assessment instrument for the math EOC. Students will participate in an intensive review structured learning program that expands their learning opportunities by guiding them through rigorous coursework, providing mentoring and intensive tutoring. The different strands of the essential knowledge and skills for math will be integrated for

instructional and review purposes into the course.

GLOSSARY

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Useful Information

TEA Graduation Plans	http://www.tea.state.tx.us/graduation.aspx
TEA House Bill 5	http://www.tea.state.tx.us/index2.aspx?id=25769806149
EPISD House Bill 5	http://www.episd.org/district_info/house_bill_5/index.php
EPISD H.S. Course Catalog	http://www.episd.org/departments/guidance_services/docs/2014-15_cour_desc.pdf
EPISD M.S. Course Catalog	Under construction
EPISD E.S. Course Catalog	Under construction
Scholarships/Financial Aid	http://www.episd.org/departments/guidance_services/csfc.php
2014-2015 District Calendar	http://www.episd.org/schools/docs/2014-2015calendar_20140121.pdf

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Foundation High School Program
Chapter 74, Curriculum Requirements Subchapter B, Graduation Requirements

All students entering Grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Foundation High School Program

<p>TX Foundation H.S. State Graduation Requirements</p> <p>Only for students entering Grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Foundation High School Program.</p>	<p>EPISD Foundation H.S. District Graduation Requirements</p> <p>Only for students entering Grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the EPISD Foundation High School Program. This plan plus 1 or more ENDORSEMENTS will earn a student a DISTINGUISHED LEVEL OF ACHIEVEMENT and be eligible for the top 10% automatic admission to the Texas University System.</p>
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A Student must earn 22 credits and pass testing requirements for graduation as specified in Chapter 101.

- 4.0 credits in ELA
 - o Eng. I, II, & III and one adv. Eng. Credit
 - 3.0 credits in Mathematics
 - o Alg. I, Geometry, & one adv. math
 - 3.0 credits in Science
 - o Biology, & 2 lab-based courses
 - o Credit may not be earned for both Physics and Prin. Of Tech. to satisfy the science credit requirement
 - 3.0 credits in Social Studies
 - o 1.0 credit U.S. History
 - o 0.5 credit U.S. Government
 - o 0.5 credit Economics
 - o 1.0 elective Social Studies
 - 2.0 credits in LOTE in the same language
 - o 2.0 credits in computer programming languages
 - 1.0 credit in P.E.
 - o ROTC OR
 - o Or P.E. Substitute
 - 1.0 Credit in Fine Arts
 - 5.0 Elective Credits
- 22 Total Credits**

A Student must earn 26 credits and pass testing requirements for graduation as specified in Chapter 101.

- 4.0 credits in ELA
 - o Eng. I, II, III and one adv. Eng.
 - 4.0 credits in Mathematics
 - o Alg. I, Geometry, Alg. II & one adv. math
 - 4.0 credits in Science
 - o Biology, Chemistry, Physics & 1 lab-based course
 - o Credit may not be earned for both Physics and Prin. Of Tech. to satisfy the science credit req.
 - 3.0 credits in Social Studies
 - o 1.0 credit U.S. History
 - o 0.5 credit U.S. Government
 - o 0.5 credit Economics
 - o 1.0 credit World History OR World Geography
 - 2.0 credits in LOTE-same language
 - o 2.0 credits in computer programming languages
 - 1.0 credit in P.E. or ROTC or P.E. Substitute
 - 1.0 Credit in Fine Arts
 - 0.5 Credit in Speech
 - 0.5 Health
 - 1.0 Technology Credit
 - 1.0 Elective Credit
 - 4.0 Endorsement Credits
- 26 Total Credits**

Courses may be selected from: Pre-AP, AP, IB, Dual Credit, ESOL, SPED and Regular

<p>ENDORSEMENTS</p> <ul style="list-style-type: none"> <input type="checkbox"/> (STEM) Science, Technology, Engineering and Technology <ul style="list-style-type: none"> o CTE, Computer Science, STEM Math, STEM Science, and/or STEM Combination <input type="checkbox"/> Multidisciplinary <ul style="list-style-type: none"> o Workforce/Post-Secondary Education, Core Concentration, and/or Advanced Academics <input type="checkbox"/> Public Services <ul style="list-style-type: none"> o CTE Health Science, Human Services, Law, Gov. & Public Admin, Education and/or JROTC <input type="checkbox"/> Arts and Humanities <ul style="list-style-type: none"> o Social Studies, LOTE (Same Lang.), LOTE (Two Languages), Fine Arts (Single Genre), Fine Arts(Multi-Genre), and/or ELA <input type="checkbox"/> Business and Industry <ul style="list-style-type: none"> o CTE, English, Technology Apps, Business Combination

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ADVANCED COURSES BY DISCIPLINE

ADVANCED ENGLISH COURSES	ADVANCED MATH COURSES	ADVANCED SCIENCE COURSES *- CATEGORY 1
English IV Independent Study in English Literary Genres Creative Writing Research and Technical Writing Humanities Public Speaking III Oral Interpretation Debate III Independent Study in Speech Independent Study in Journalism Advanced Broadcast Journalism Advanced Journalism: Newspaper III Advanced Journalism: Yearbook III AP English Literature and Composition IB Language Studies A1 Higher Level Business English Locally developed ELA course or other activity [Pursuant to TEC §28.002(g-1)] College Prep ELA [Pursuant to TEC §28.014]	Algebra II Precalculus Advanced Quantitative Reasoning Independent Study in Mathematics Discrete Mathematics for Problem Solving AP Statistics AP Calculus AB AP Calculus BC Algebraic Reasoning (in development for implementation in 2015-2016) AP Computer Science *Math Models (for 2014-2015 school year only) IB Mathematical Studies Standard Level (SL) IB Mathematics SL IB Mathematics Higher Level (HL) IB Further Mathematics HL Engineering Mathematics Discrete Mathematics for Computer Science Locally developed math course or other activity [Pursuant to TEC §28.002(g-1)] Mathematics course endorsed by an IHE [Pursuant to TEC §28.002(b-5)] Statistics (In development for implementation in 2015-2016) <i>*Note: A course on this list may be taken either before or after one of the following courses: Mathematical Models with Applications, Mathematical Applications in Agriculture Food and Natural Resources, Digital Electronics, Robotics Programming and Design</i> Course choices must meet prerequisites and endorsement sequencing	Integrated Physics and Chemistry (IPC) Chemistry AP Chemistry, IB Chemistry Physics Principles of Technology AP Physics 1, IB Physics
CTE COURSES FOR HS CREDIT	COURSES THAT SATISFY GRADUATION REQUIREMENTS FOR TECHNOLOGY	ADVANCED SCIENCE COURSES *- CATEGORY 2
Scientific Research and Design 1, 2, & 3 Biology SRD DC Chemistry SRD DC Physics SRD DC Engineering Design and Problem Solving Medical Microbiology Pathophysiology Advanced Animal Science Advanced Biotechnology Advanced Plant and Soil Science Food Science Forensic Science Anatomy and Physiology Articulated/Pre-AP Pre-AP IB Program/Pre-AP Principles of Technology Math App in Ag, Food & Natural Resources Engineering Math Statistics & Risk Management Professional Communication Principles and Elements of Floral Design	Business Information Management (BIM) Architectural Design, Advanced Architectural Design – CCTE Interior Design Digital Design and Media Production Audio/Video Production – CCTE Graphic Design & Illustration – CCTE Animation – CCTE and Chapin Accounting Business Management – CCTE Digital Interactive Multimedia Computer Technician – CCTE, Computer Maintenance – CCTE Telecommunication & Networking – CCTE Research in IT Solutions – CCTE Concepts of Engineering and Technology PLW Concepts of Engineering & Tech – Chapin PLW Intro to Engineering and Design Engineering Design & Presentation, Adv. Engineering Design – CCTE Robotic and Engineering AB Computer Science, IB Computer Science 1, IB Computer Science 2	Chemistry Physics Aquatic Science Astronomy AP Biology or IB Biology AP Chemistry or IB Chemistry AP Physics 1, AP Physics, AP Physics C AP Environmental Science or IB Environmental Systems IB Physics Advanced Animal Science Advanced Plant and Soil Science Anatomy and Physiology Medical Microbiology Pathophysiology Food Science Forensic Science Advanced Biotechnology Principles of Technology Engineering Design and Problem Solving Principles of Engineering Locally developed science course or other activity [Pursuant to TEC §25 Science course endorsed by an IHE [Pursuant to TEC §28.002(b-5)]
		HEALTH
		Life Nutrition & Wellness - .5 Credit Life Nutrition & Wellness - 1.0 Credit Health Technology I – Silva Health Technology I – CCTE

**For Course Offering, Please See School Counselor*

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2014-15 HB5 Arts and Humanities Endorsement Pathways

Content	Endorsement (A) Social Studies	Endorsement (B) (LOTE) Languages Other Than English Same Foreign Language	Endorsement (C) (LOTE) Languages Other Than English 2 Foreign Language	Endorsement (D) Fine Arts	Endorsement (E) English Language Arts (ELA)
4.0 Credits English	English I English II English III English IV	English I English II English III English IV	English I English II English III English IV	English I English II English III English IV	English I English II English III (Advanced) English IV (Advanced)
4.0 Credits Mathematics	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course
4.0 Credits Science	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent
0.5 Credits-Health	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Electives	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	1.0 Human Geography AP, 1.0 additional social studies, 1.0 Art History 1.0 additional elective 4.0 Credits	Third and fourth level of the same language other than English and two additional electives 4.0 Credits	Two levels of an additional language other than English, and two additional electives 4.0 Credit	A coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts or innovative courses approved by the commissioner 4.0 Credits	Four English elective credits by selecting from the following: English IV, Independent Study in English, Literary Genres, Creative Writing, Research and Technical Writing, Humanities, Advanced Placement English Literature and Composition; or IB Language Studies A1 Higher Level; or Communication Applications 4.0 Credits
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	26 Credits	26 Credits

* Uses 0.5 credit elective

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2014-15 HB5 Multidisciplinary Endorsement

Content	Endorsement (A) Workforce/Post-Secondary Education	Endorsement (B) Core Concentration	Endorsement (C) Advanced	
4.0 Credits English	English I English II English III English IV	English I English II English III English IV	English I English II English III English IV	At least one Advanced Course in : Advanced Placement (AP), OR Intern. Baccalaureate (IB), OR Dual Credit (DC)
4.0 Credits Math	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course; AP, IB, DC	
4.0 Credits Science	Biology I Chemistry or Physics Two Advanced Science Courses, Category 2	Biology I Chemistry or Physics Two Advanced Science Courses, Category 2	Biology I Chemistry or Physics Two Advanced Science Courses, Category 2 OR Two Advanced Science Courses; AP, IB, DC	
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	US History World History Government/Economics	At least one Course in: Advanced Placement (AP), OR Intern. Baccalaureate (IB), OR Dual Credit (DC)
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	
0.5 Credit-Health	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	
0.5 to 1.0 Credit- Elective	0.5 to 1 Credit	0.5 to 1 Credit	0.5 to 1 Credit	
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	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 4.0 Credits	Four credits to include one additional social studies and three elective credits 4.0 Credits	Four credits to include a fourth social studies: Advanced Placement, (AP) OR International Baccalaureate (IB) OR Dual Credit (DC) Courses can be elected from English, mathematics, science 4.0 Credits	
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	

* Uses 0.5 credit elective

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2014-15 HB5 Public Services Endorsements

Content	Endorsement (A) Career & Technical Education (Chapter 127 & 130)	Endorsement (B) Junior Reserve Officer Training Corps (JROTC)
4.0 Credits English	English I English II English III Advanced English Course	English I English II English III Advanced English Course
4.0 Credits Math	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course
4.0 Credits Science	Biology I One Advanced Science Course, Category 1 Two Advanced Science Courses, Category 2	Biology I One Advanced Science Course, Category 1 Two Advanced Science Courses, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. Equivalent Year one of JROTC
0.5 Credits-Health	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication
1.0 Credit-Fine Arts	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Electives	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	A coherent sequence of courses for four or more credits in CTE, two from one cluster, and the final course must be the third or higher course in a sequence. The final course must be from one of the following clusters: Education & Training, Government & Public Administration, Health Science, Human Services, Law, Public Safety, Corrections, and Security 4.0 Credits	Three credits in the Junior Reserve Officer Training Corps (JROTC) and one additional elective credit 4.0 Credits
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits

* Uses 0.5 credit elective

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2014-15 HB5 Science, Technology, Engineering, and Mathematics (STEM) Endorsements

HB5 Content	Endorsement (A) Career & Technical Education (Chapter 127 & 130)	Endorsement (B) STEM Computer Science (Chapter 110)	Endorsement (C) STEM Mathematics (Chapter 126)	Endorsement (D) STEM Science (Chapters 110, 126 &/or 130)	Endorsement (E) STEM Combination (Chapters 110, 126 &/or 130)
4.0 Credits English	English I English II English III Adv. English Course	English I English II English III Adv. English Course	English I English II English III Adv. English Course	English I English II English III Adv. English Course	English I English II English III Adv. English Course
4.0 Credits Math	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course for which Algebra 2 is a prerequisite	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course
4.0 Credits Science	Biology I Chemistry Physics Adv. Science Course, Category 2	Biology I Chemistry Physics Adv. Science Course, Category 2	Biology I Chemistry Physics Adv. Science Courses, Category 2	Biology I Chemistry Physics Adv. Science Course, Category 2	Biology I Chemistry Physics Adv. Science Course, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent
0.5 Credit-Health	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 Credit Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 credit Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 Credit Lifetime Nutrition OR 1.0 Health Science I)*
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Electives	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in the CTE STEM career cluster 4.0 credits	A coherent sequence of four credits in computer science selected from Technology Applications 4.0 credits	An advanced mathematics course for which Algebra 2 is a prerequisite totaling five credits in mathematics, and an additional 3 elective credits 4.0 Credit	An additional advanced science credit from category 2 totaling five credits in science, and an additional 3 elective credits 4.0 Credit	A coherent sequence of 3 additional credits from no more than two of the areas listed in Endorsements (A), (B), (C), & (D), and one additional elective 4.0 Credit
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	26 Credits	26 Credits

* Uses 0.5 credit elective

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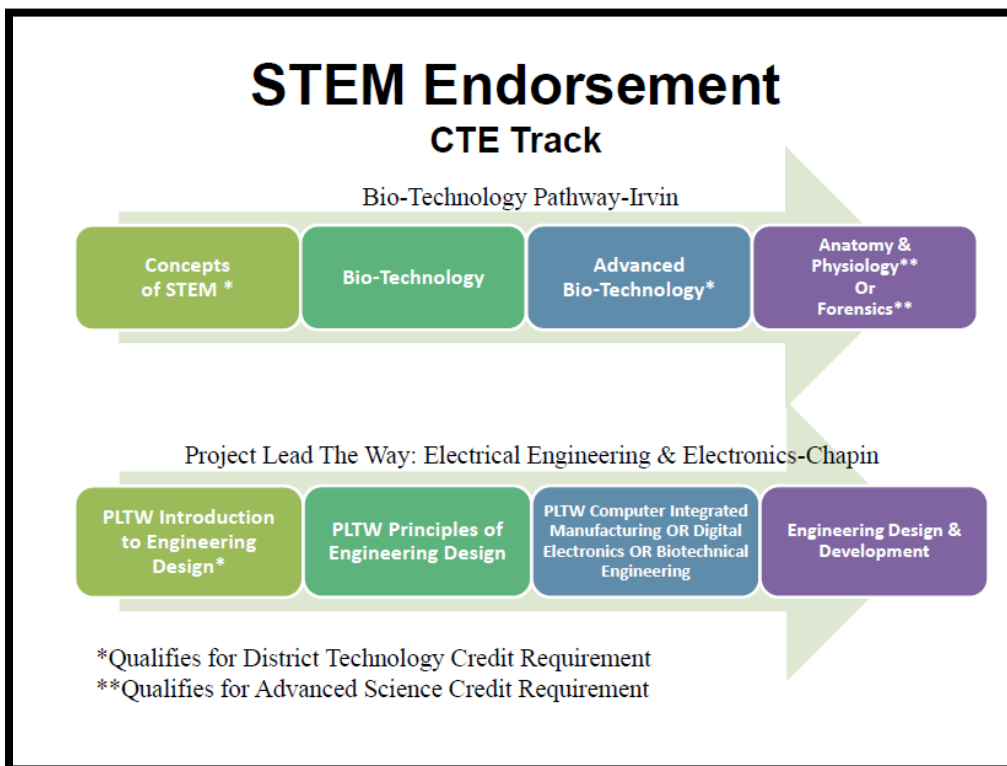
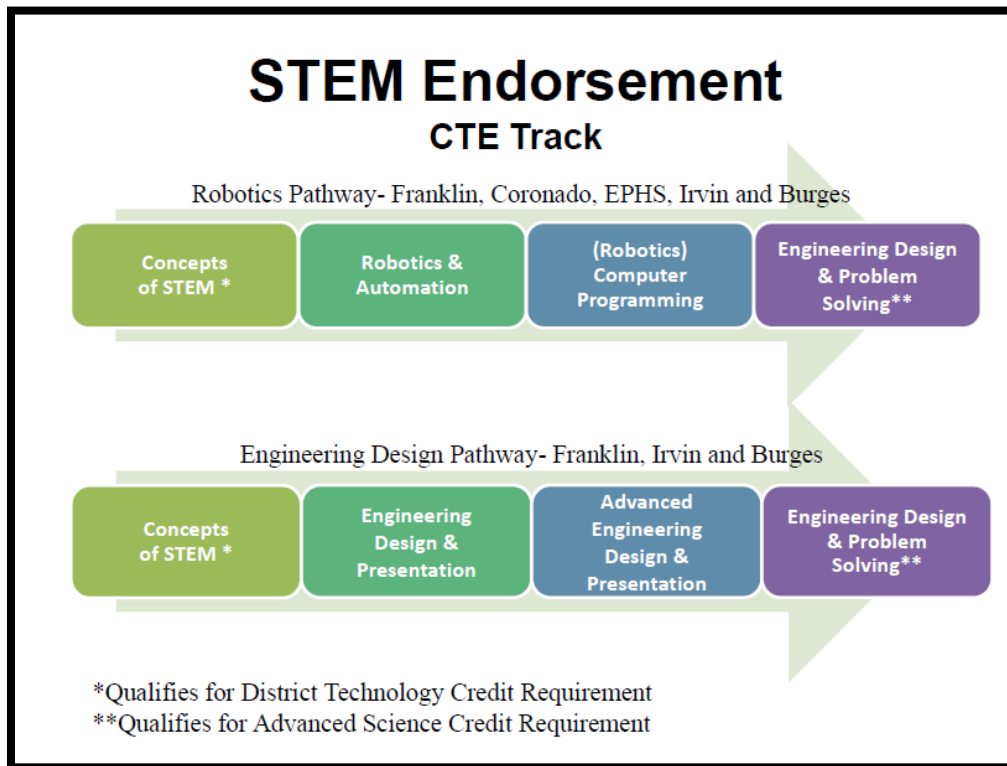
2014-15 HB5 Business and Industry Endorsements

Content	Endorsement (A) Career & Technical Education (Chapter 127 & 130)	Endorsement (B) English	Endorsement (C) Technology Applications (Chapter 126)	Endorsement (D) Business Combination (Chapters 110, 126 &/or 130)
4.0 Credits English	English I English II English III Advanced English Course	English I English II English III Advanced English Course	English I English II English III Advanced English Course	English I English II English III Advanced English Course
4.0 Credits Mathematics	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course
4.0 Credits Science	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent
0.5 Credit-Health	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*
0.5 Credit-Speech	Communication Apps. OR Professional Communications	Communication Apps. OR Professional Communications	Communication Apps. OR Professional Communications	Communication Apps. OR Professional Communications
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Elective	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. That final course must be from one of the following clusters: Agriculture, Arch. & Construction, Arts & AV, Business, Finance, Tourism, IT, Manufacturing, Marketing, or Transportation. 4.0 Credits	Three Levels of Public Speaking OR Three Levels of Debate OR Three Levels of Adv. Journ. Newspaper OR Three Levels Adv. Journ. Yearbook And one additional English Elective 4.0 Credits	Four technology applications credits by selecting from: Digital Design, Digital Art, 3-D Modeling, Digital Communications, Digital Video, Web Communications, Web Design, Game Development, Independent Study/Evolving/Emerging Technologies 4.0 Credits	4 Credits From any Business and Industry Endorsement: (A), (B), or (C) 4.0 Credits
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	26 Credits

*Uses 0.5 credit elective

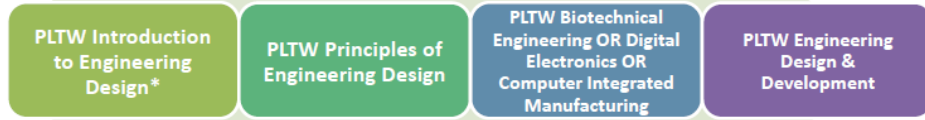
Pathways by Endorsement
Science, Technology, Engineering & Mathematics (STEM)

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STEM Endorsement CTE Track

Project Lead The Way: Bio-Medical/Bio Technical Engineering-Chapin



Project Lead The Way: Civil Engineering & Architecture-Chapin



*Qualifies for District Technology Credit Requirement

STEM Endorsement CTE Track

Project Lead The Way: Computer Science AND Computer Engineering-Chapin



Project Lead The Way: Mechanical & Industrial Engineering-Chapin



*Qualifies for District Technology Credit Requirement

STEM Endorsement

Computer Science Track

Computer Science



STEM Science Track

5-Years Science



*Qualifies for District Technology Credit Requirement

**Qualifies for Advanced Mathematics Credit Requirement

STEM Endorsement

STEM Math Track

5-Years Mathematics



Coherent Sequence Track

STEM Combination



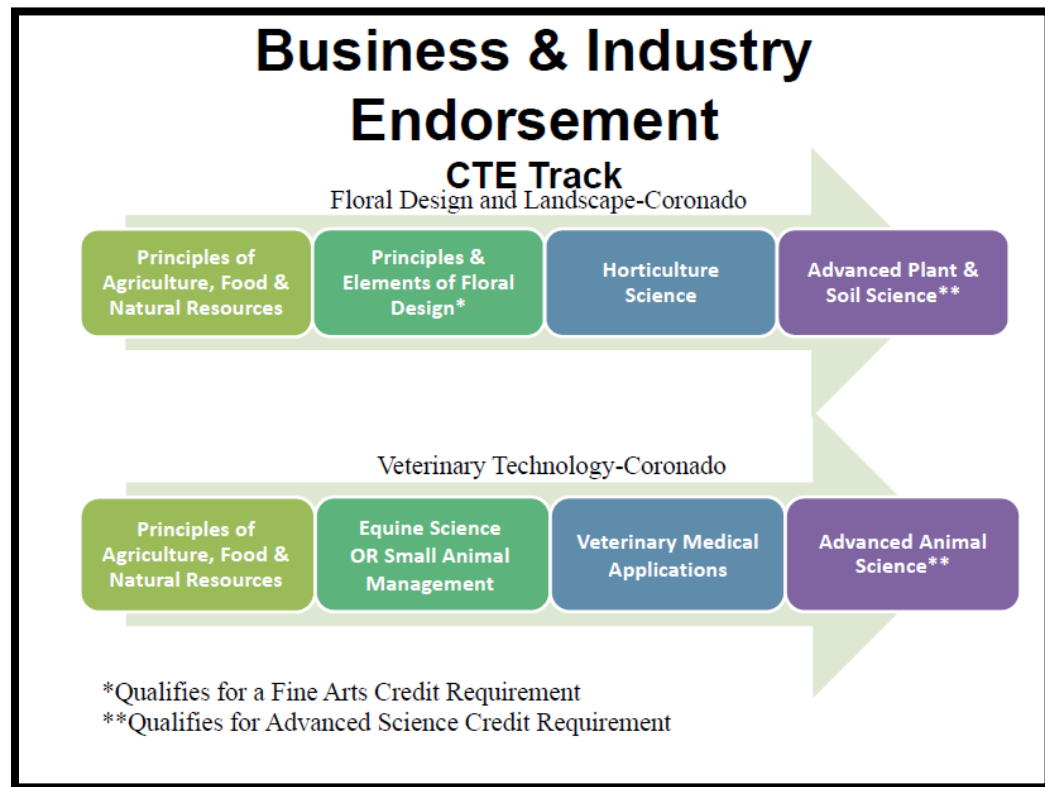
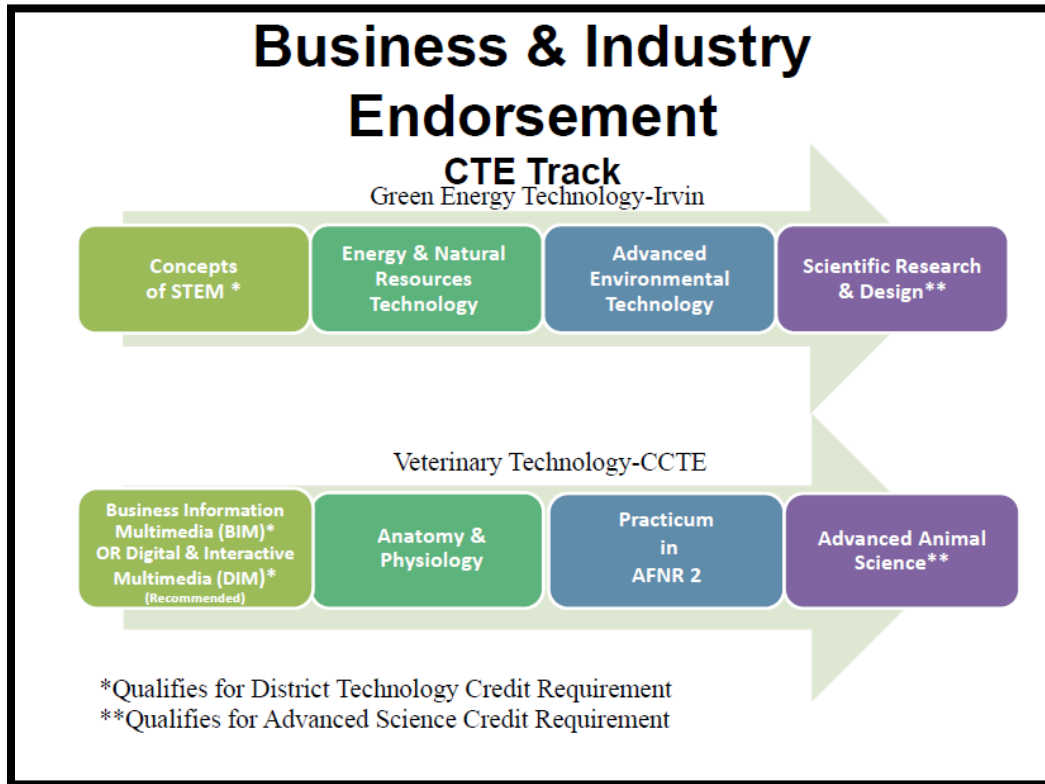
*Qualifies for Advanced Mathematics Credit Requirement

**Qualifies for Advanced Science Credit Requirement

***District graduation requirements for Mathematics

Business & Industry Endorsement

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Business & Industry Endorsement

CTE Track

Agriculture Mechanics-Coronado



Green Energy Technology-Coronado



*Qualifies for the District's Speech Credit Requirement

**Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Interior Design-Franklin, Chapin, & Coronado



Architectural Design-Franklin, Irvin & Burges



*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track Architectural Design-CCTE



Electrical Technology-CCTE



*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track Construction Technology-CCTE



Piping and Plumbing Technology-CCTE



*Qualifies for the District's Technology Credit Requirement

**Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track

Audio/Video Technology-CCTE

Digital Interactive
Multimedia (DIM)*
(Recommended)

Advanced
Audio/Video
Production*
(2-Credits)

Practicum in
Audio/Video
Production
(2-Credits)

Graphic Design & Illustration-CCTE

Digital Interactive
Multimedia (DIM)*
(Recommended)

Advanced
Graphic Design &
Illustration*
(2-Credits)

Practicum in
Graphic Design &
Illustration
(2-Credits)

*Qualifies for the District's Technology Credit Recommendation

Business & Industry Endorsement

CTE Track

Animation Technology-CCTE

Digital Interactive
Multimedia (DIM)*
(Recommended)

Animation
Technology*
(2-Credits)

Practicum in
Animation
Technology
(2-Credits)

Fashion Design-CCTE

Digital Interactive
Multimedia (DIM)*
(Recommended)

Advanced
Fashion Design
(2-Credits)

Practicum in
Fashion Design
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track

Accounting & Finance-Bowie Magnet

Principles of Business,
Finance & Marketing
AND Professional
Communications**

Business Information
Management (BIM)*
AND
Entrepreneurship

Accounting I
AND Global Business
AND Business Law

Accounting II
AND Problems &
Solutions

Marketing-Bowie Magnet

Principles of Business,
Finance & Marketing
AND Professional
Communications**

Business Information
Management (BIM)*

Entrepreneurship
AND/OR
Advertising Sales &
Promotion

Career Prep/
Marketing
Dynamics

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

Business & Industry Endorsement

CTE Track

Business

Business Information
Management (BIM)*

Digital Interactive
Multimedia (DIM)*
OR Virtual Business
AND Global Business

Accounting I
OR Business
Management

Business Information
Management II
OR Practicum in
Business Management

Finance

Business Information
Management (BIM)*

Money Matters
AND Banking &
Financial Services

Accounting I
AND/OR Security
and Investments

Statistics and Risk
Management**
AND Financial
Analysis

*Qualifies for the District's Technology Credit Requirement

**Qualifies for Advanced Math Credit Requirement

Business & Industry Endorsement

CTE Track Accounting



Marketing



*Qualifies for the District's Technology Credit Requirement
 **Qualifies for Advanced Math Credit Requirement

Business & Industry Endorsement

CTE Track Animation-Chapin



Medical Administration-CCTE(One Year)



*Qualifies for the District's Technology Credit Requirement
 **Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track Culinary Arts-CCTE



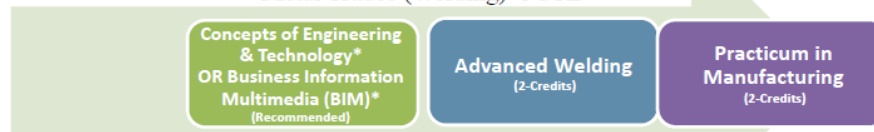
Organic Food Processing-Bowie



- *Qualifies for the District's Technology Credit Requirement
- **Qualifies for the District's Health Credit Requirement
- ***Qualifies for Advanced Science Credit Requirement

Business & Industry Endorsement

CTE Track Metal Trades (Welding)-CCTE



Metal Trades (Manufacturing)-CCTE



- *Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

CTE Track

Metal Trades (Welding)-Jefferson



Automotive Collision Repair & Refinishing-CCTE



*Qualifies for the District's Technology Credit Requirement

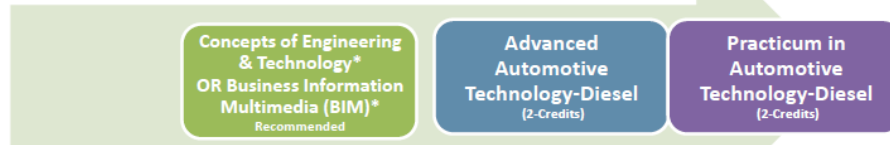
Business & Industry Endorsement

CTE Track

Automotive Technology-CCTE



Diesel Technology-CCTE



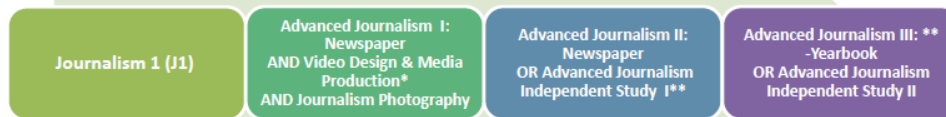
*Qualifies for the District's Technology Credit Requirement

Business & Industry Endorsement

English Track Journalism-Yearbook



Journalism-Newspaper



*Qualifies for the District's Technology Credit Requirement
**Qualifies for the Advanced English Credit Requirement

Business & Industry Endorsement

English Track

Journalism-Broadcast Journalism (Chapin, Coronado & Jefferson)



Journalism-Literary Magazine



*Qualifies for the District's Technology Credit Requirement
**Qualifies for the Advanced English Credit Requirement

Business & Industry Endorsement

English Track Debate



Public Speaking

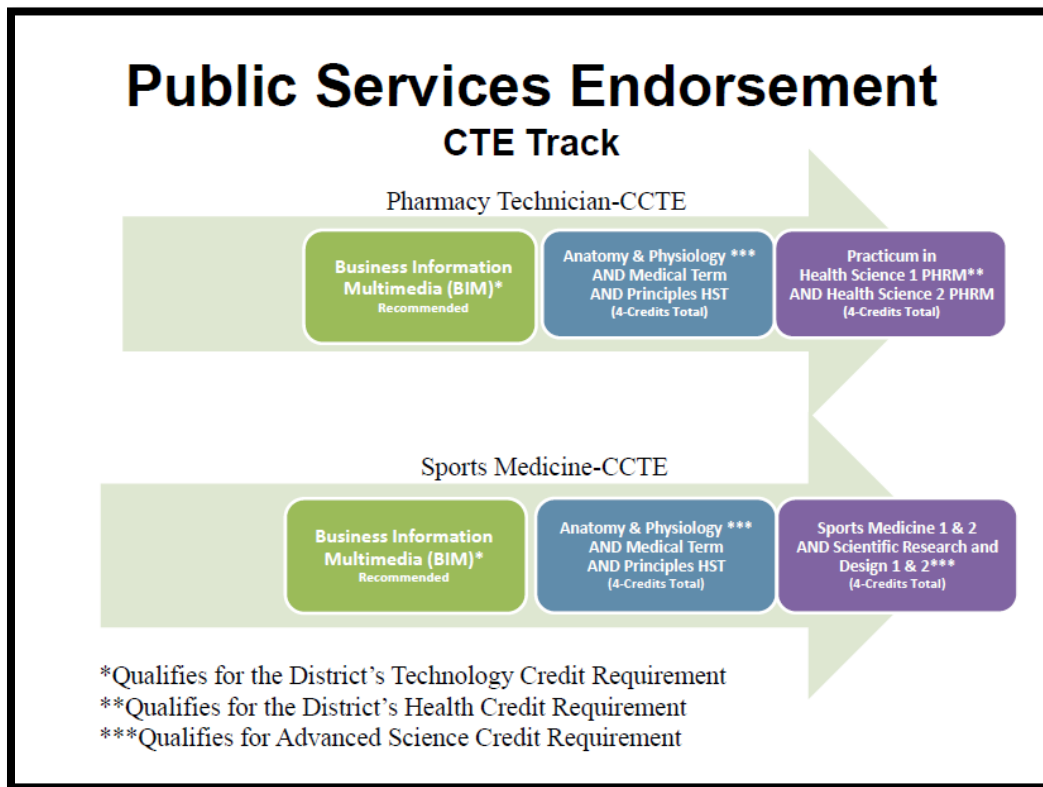
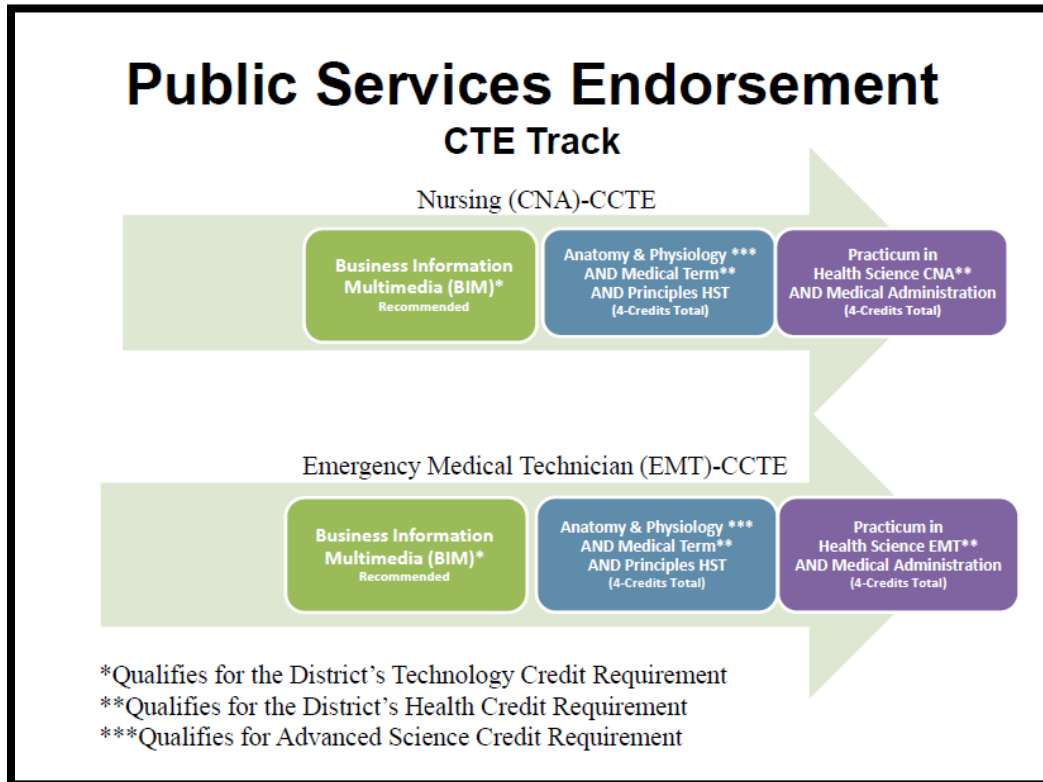


*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Advanced English Credit Requirement

Public Services Endorsement

[Return](#)



Public Services Endorsement CTE Track

Nursing (CNA)-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of
Health Science

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Practicum in
Health Science 2 CNA
(2-Credits)
AND Medical Micro-Biology
AND Pathophysiology***
AND World Health

Physician and Allied Health Careers-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of Health
Science

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Practicum in
Health Science 2 CNA
(2-Credits)
AND Medical Micro-Biology
AND Pathophysiology***
AND Bio-Technology***

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement CTE Track

Vocational Nursing (VN)-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of
Health Science

Health
Science 1**

Practicum in Health
Science VN
(2-Credits)
AND Anatomy &
Physiology***
AND World Health Research

Practicum in
Health Science 2 LVN
(3-Credits)
AND Counseling and Mental
Health

Forensic Research-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of Health
Science AND
Medical Terminology

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Medical
Micro-Biology***
AND Forensics***
AND Bio-Technology***

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement CTE Track

Pharmacy Technician-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of
Health Science

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND World Health Research

Practicum in
Health Science 2 Pharmacy
(2-Credits)
AND Medical Micro-Bio***
AND Pathophysiology***

Physical Therapy Technician-Silva Health Magnet

Business Information
Multimedia (BIM)*
AND Principles of Health
Science AND
Medical Terminology

Health
Science 1**

Practicum in Health
Science Rotations
(2-Credits)
AND Anatomy &
Physiology***

Practicum in
Health Science 2 Physical
Therapy
(2-Credits)

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Health Credit Requirement

***Qualifies for Advanced Science Credit Requirement

Public Services Endorsement CTE Track

Legal-Austin Public Service Academy

Principles of Law
AND Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Principles of
Government and Public
Administration
AND Professional
Communications

Law Enforcement I
AND Court Systems
AND Business Law

Practicum in
Law Enforcement
(2-Credits)
AND Forensics***

Fire Fighter-Austin Public Service Academy

Principles of Law
AND Business Information
Multimedia (BIM)*
OR Digital & Interactive
Multimedia (DIM)*
(Recommended)

Principles of
Government and Public
Administration
AND Professional
Communications

Law Enforcement
AND Court Systems
AND Business Law

Practicum in
Law Enforcement
(2-Credits)
AND Forensics***

*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

***Qualifies for the Advanced Science Credit Requirement

Public Services Endorsement CTE Track

Fire Fighter-Austin Public Service Academy



Law Enforcement Homeland Security-CCTE



- *Qualifies for the District's Technology Credit Requirement
- **Qualifies for the District's Speech Credit Requirement
- ***Qualifies for the Advanced Science Credit Requirement

Public Services Endorsement CTE Track

Early Childhood (CDL)



Teacher Education Program (BTEP)-Burgess



- *Qualifies for the District's Technology Credit Requirement
- **Qualifies for the District's Speech Credit Requirement
- ***Qualifies for the Advanced Science Credit Requirement

Public Services Endorsement

CTE Track

Early Childhood (CDL)



Teacher Education Program (BTEP)-Burgess



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the District's Speech Credit Requirement

***Qualifies for the Advanced Science Credit Requirement

Public Services Endorsement

ROTC Track

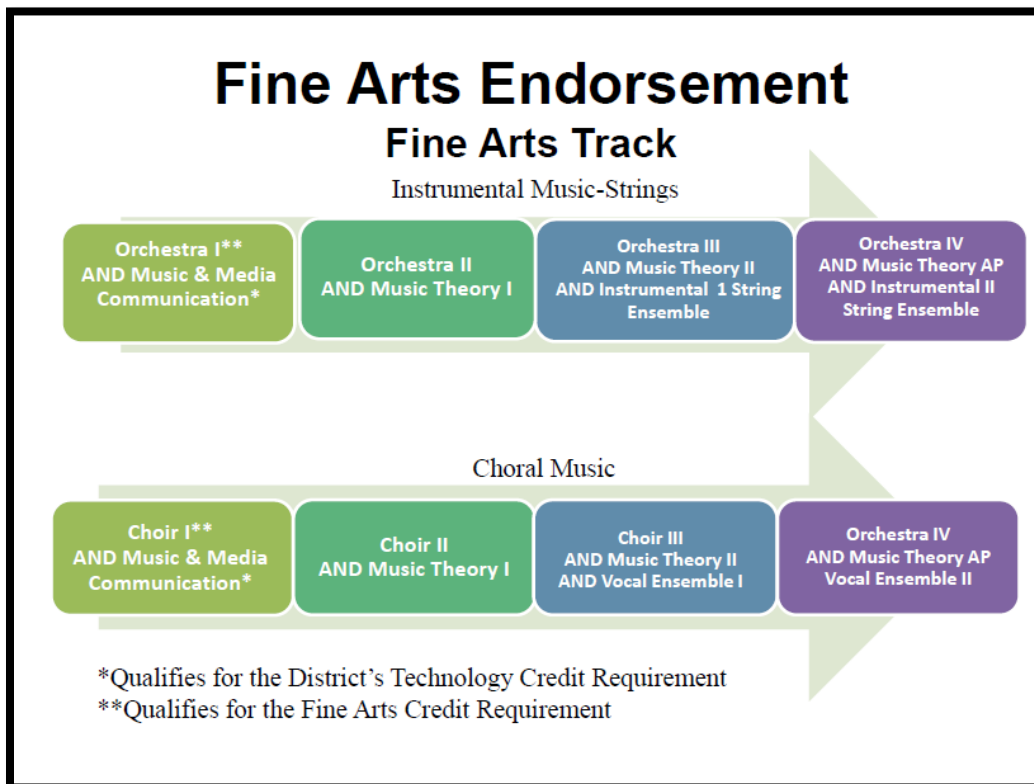
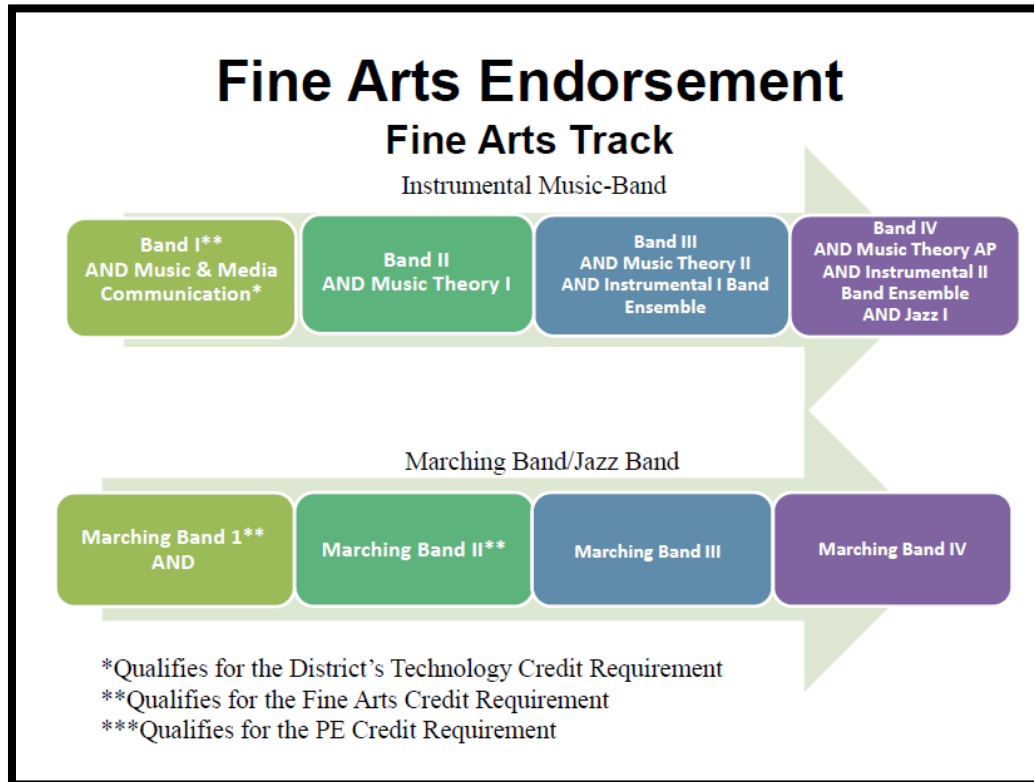
Junior ROTC



*Qualifies for the PE Credit Requirement

Fine Arts Endorsement

[Return](#)



Fine Arts Endorsement

Fine Arts Track

Piano



Guitar



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Piano



Choral Music



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Theater



Dance



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Visual Arts-Drawing



Visual Arts-Painting



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Fine Arts Endorsement

Fine Arts Track

Visual Arts-Sculpture



Visual Arts-Electronic Media



*Qualifies for the District's Technology Credit Requirement

**Qualifies for the Fine Arts Credit Requirement

Multidisciplinary Endorsement

[Return](#)