

San Benito Consolidated Independent School District

High School Course Catalog

2025-2026



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HIGH SCHOOL TESTING PROGRAM GUIDE

Beginning with the Freshman class of 2011-2012, a student must earn passing scores on 5 End-of-Course (EOC) exams, in addition to earning all required course credits for their graduation plan to earn a diploma. Students must meet all graduation course credit requirements and EOC requirements to be eligible for participation in the graduation ceremony.

*Requirements of the Foundation High School Program (FHSP) apply to students first entering 9th grade in the fall of 2014 and thereafter.

**Students who began 9th grade in the fall of 2013 and before will graduate under the requirements of the Recommended High School Program (RHSP) or Distinguished Achievement Program (DAP).

State of Texas Assessment of Academic Readiness (STAAR)

Students who entered the ninth grade in the 2011-2012 school year or later must pass five STAAR end-of-course tests to graduate from a Texas public school. The assessments are based on the Texas Essential Knowledge and Skills, the state curriculum standards. These tests are designed to ensure that students are learning the specific course material and are prepared to succeed in college and/or

*English I

*Algebra I

*U.S History

*English II

*Biology

GRADE CLASSIFICATION

Grade level classification is the same for all students regardless of graduation plan.

Students are classified based on the number of academic credits they have earned at the beginning of the school year. All students who have completed 8th grade enter high school as freshmen regardless of the number of high school credits they may have already earned through middle school, summer school, credit by exam, and/or online learning.

GRADE CLASSIFICATION		
GRADE	CLASSIFICATION	CREDITS
9th	Freshman	<6.0
10th	Sophomore	$\geq 6.0 - 12.5$
11th	Junior	$\geq 13.0 - 19.5$
12th	Senior	≥ 20

FOUNDATION HIGH SCHOOL PROGRAM + ENDORSEMENTS

The following requirements apply to students first entering 9th grade in the fall of 2014 and thereafter.

FOUNDATION HIGH SCHOOL PROGRAM (FHSP) - 22 - Credit Foundation is Required for all Endorsements

ENGLISH (4 credits)

Must consist of English I, II, III (ESOL I and ESOL II may be substituted for English I and II for students with limited English proficiency), and an additional/**advanced** English course

MATHEMATICS (3 credits)

Must include Algebra I, Geometry, and an additional/**advanced** math course beyond Algebra I

SCIENCE (3 credits)

Must include one Biology credit, one credit selected from IPC, or Chemistry, or Physics; and one additional/**advanced**, lab-based science course

SOCIAL STUDIES (3 credits)

Must include U.S. History, one-half credit Government, one-half credit Economics, and World History or World Geography

OTHER LANGUAGES (2 credits)- Must consist of 2 levels in the same language

FINE ARTS (1 credit)

May include Choir, Band, Orchestra, Dance, Art, Theatre Arts, Art History, or Music Theory I and II; Principles & Elements of Floral Design or Digital Art & Animation or any other fine arts course

PHYSICAL EDUCATION (1 credit)

May include Athletics or PE (up to 4 credits), Foundations of Personal Fitness (.5 credit); Dance, Dance Team I, fall semesters of Marching Band or the first year of Cheerleading or any other physical education course.

ELECTIVES (5 credits)-Must include a communication skills component (speech class) earned.

TOTAL FHSP CREDITS: 22

ADDITIONAL REQUIREMENTS FOR ENDORSEMENT

MATHEMATICS (1 credit)

SCIENCE (1 credit)

ADDITIONAL ELECTIVES (2 credits)

Electives must be chosen from the five endorsement categories of STEM, Business & Industry, Arts & Humanities, Public Services, and/or Multidisciplinary Studies

TOTAL CREDITS WITH ENDORSEMENT: 26

RECOGNITIONS

Students have the opportunity to earn additional recognition in the following areas.

DISTINGUISHED LEVEL OF ACHIEVEMENT

A student may earn a distinguished level of achievement by successfully completing all curriculum requirements for the Foundation High School Program, plus each of the following:

- o A fourth credit in mathematics, which must include Algebra II;
- o A fourth credit in science;
- o The requirements of at least one endorsement

A student must graduate with a Distinguished Level of Achievement to be considered for the Top 10% and eligible for automatic admission to a Texas public college or university (with the exception of UT Austin).

PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a performance acknowledgement in one or more of the following categories:

- o AP test score of 3 or above;
- o IB test score of 4 or above (*applies to transfer students only as the International Baccalaureate program is not offered in SBCISD*)
- o Outstanding performance on the PSAT, the SAT or the ACT;
- o Completion of at least 12 hours college coursework with final grades of A or B (3.0 GPA or above);
- o Bilingualism and bi-literacy; and
- o Earning a nationally or internationally recognized business or industry certification or license

San Benito CISD

Texas Education Agency Graduation Toolkit Endorsements – *Choices*

Endorsements

For the first time, students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area.

Students must select an endorsement* in the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multi-disciplinary studies.

Students earn an endorsement by completing the curriculum requirements for the endorsement, including 4th credit of math and science and 2 additional elective credits.

Students can choose from 5 endorsement areas

Science, Technology, Engineering and Mathematics (STEM)

- Career and Technical Education (CTE) courses related to STEM
- Mathematics
- Science
- Computer Science
- Combination of no more than two of the categories listed above

Business and Industry (one of the following or a combination of areas)

- Agriculture
- Arts
- Audio/Video
- Finance
- Marketing
- Food and Natural Resources
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Technology and Communications
- Business Management and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook

Public Service (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)

Arts and Humanities (one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)

Multi-Disciplinary Studies (one of the following)

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

*Visit your school counselor to learn more about your options.
Students may earn more than one endorsement.

ENDORSEMENTS

ADVANCED COURSES FOR THE FOUNDATION HIGH SCHOOL PROGRAM

English Language Arts (Advanced Courses)

English IV*	Newspaper I
Creative Writing	Yearbook I
AP English Literature	Yearbook II
AP English Language	Yearbook III
Dual Enrollment English 1301	Professional Communications
Dual Enrollment English 1302	
College Prep ELA	<i>(Must be combined with another</i>
<i>(pursuant to TEC,\$28.014)</i>	<i>half credit from this list)</i>

***All students will take English IV**

Second Science (Advanced Courses)

Integrated Physics & Chemistry (IPC)	AP Physics I: Algebra
Chemistry	Based Dual Enrollment
Physics	Biology I & Lab Dual
AP Chemistry	Enrollment Physics I
	Special Topics in
	Science

3rd & 4th Science Credit (Advanced Course)

(to earn an endorsement)

Chemistry Physics	Dual Enrollment
Earth and Space Environmental	Biology II & Lab
Systems AP Biology	Advanced Animal
AP Chemistry	Science Advanced Plant
AP Environmental Science	and Soil Science
AP Physics I: Algebra Based	Anatomy and
AP Physics II: Algebra Based	Physiology
Dual Enrollment Physics II	Medical
Locally developed science course	Microbiology
<i>(pursuant to TEC,\$28.025(b-5))</i>	Pathophysiology
	Forensic Science
	Special Topics in
	Science Scientific
	Research & Design
	Science course endorsed by an IHE
	<i>(pursuant to TEC,\$28.002(g-1))</i>

Third Mathematics Credit (Advanced Courses)

Mathematical Models with Applications Algebra II* Pre-Calculus Independent Study in Math Calculus AP Statistics AP Calculus AB Algebraic Reasoning	Dual Enrollment College Algebra Dual Enrollment Pre-Calculus Statistics College Prep Math <i>(pursuant to TEC, §28.014)</i>
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***All students will take Algebra II**

Fourth Mathematics Credit (Advanced Courses)

(to earn endorsement)

Math Models with Applications Algebra II Pre-Calculus Independent Study in Math Calculus AP Statistics AP Calculus AB Algebraic Reasoning	Dual Enrollment College Algebra Dual Enrollment Pre-Calculus Statistics College Prep Math <i>(pursuant to TEC, §28.014)</i>
* NOTE: A course on this list may be taken either before or after one of the following courses: <i>Mathematics Models with Application, Mathematical Applications in Agriculture Food and Natural Resources, Digital Electronics, Robotics Programming and Design.</i>	

COURSE DESCRIPTIONS

Courses are designed in various ways to meet the skills and interests of students. Courses are offered as Academic, Honors, and courses. Upper level courses may be offered as Academic, AP, or dual credit courses. A student's course of study may be a combination of courses with different designations. The student, parent, and school will work together to determine the best combination for each learner. See page 24 for information about the grading system, weighted grade point scale, and class ranking.

Academic Courses

San Benito CISD's on-level academic curriculum is a college-bound curriculum. These core and elective courses use a variety of teaching strategies, student activities, and assessments. The curriculum requires students to develop critical thinking and problem-solving skills as well as master core content. Courses are taught on grade level.

Honors/AP Courses

Honors/AP core and elective courses are designed to challenge motivated students and prepare them for success in college level coursework in high school and beyond. These advanced or above grade-level courses move at a faster pace, are more academically challenging and require more independent learning than academic courses. A few important factors to keep in mind are:

- Some AP courses have course prerequisites that must be completed. Check the course description for prerequisites.
- Honors/AP is not "all or nothing." Students may take from one to all of their core classes as Honors/AP.
- For most courses, it is possible to move from academic to Honors sections from one year to the next.

Honors/AP Entry Guidelines

The purpose of the Honors and AP entry guidelines is to provide information to facilitate placement of students in academically challenging courses.

1. San Benito CISD recognizes the value of student participation in advanced academic coursework and encourages students to graduate from high school with at least one advanced course credit such as Advanced Placement or dual credit. To this end, San Benito CISD has an inclusive enrollment model for AP and Honors courses that provides support systems for student success. Students are encouraged to access the most rigorous curriculum in which they can be successful.
2. Honors and AP courses are designed to challenge students beyond grade-level academic courses and prepare them for success in future advanced level coursework. Student performance in related courses and teacher input are important elements for parents and students to consider in selecting advanced coursework. Students may require additional encouragement and support to be successful in these courses.
3. Students who opt to participate in AP or Honors must:
 - Successfully complete prerequisite courses as specified in the course catalog.
 - Demonstrate mastery on course-related state-mandated performance assessments including STAAR.
 - Recognize the long-term benefits of participation, seek assistance when needed, and commit to staying in the course for a minimum of one semester.

Questions about Honors/AP courses should be directed to the school counselor and/or the subject area teacher. NOTE: Due to the curricular differences between academic courses and Honors/AP and for the benefit of students, entry into a Honors/AP course from an academic course is discouraged after the beginning of each semester. It is recommended that students enter Advanced Placement courses at the beginning of the course, typically within the first week of instruction. **Exceptions must have principal approval.**

Exit Guidelines for High School

Exit processes are in place to assist students in making sound course selection decisions. Students and parents must be aware that, depending on the timeline, grades earned in a Honors or AP course follow the student to the corresponding academic course. These grades will be included in calculating the academic course grade and may impact UIL eligibility. Consult with the school counselor for more detailed information.

It is expected that students seek assistance when needed to be successful in the course and remain in the Honors or AP course for at least one full semester.

Note: Students may not drop an Honors/AP course until the first nine weeks are over, and they must demonstrate that they attended tutorials at least twice a week.

GENERAL COURSE DESCRIPTIONS

This section contains descriptions for all courses offered at Veterans Memorial Academy and San Benito High School, organized by content area. Courses can be identified by course title and a state-issued PEIMS Service ID.

ENGLISH LANGUAGE ARTS

Course Title	Grade	Credit	Prerequisite	PEIMS #
Creative Writing Honors	9	1.0	X	03221200
English 1	9	1.0	ELAR Gr 8	03220100
English 1 Honors	9	1.0	ELAR Gr 8 Honors	03220107 03220100
Practical Writing Skills	9 10-12	1.0	X	03221300
English 2	10	1.0	English 1	03220200
English 2 Honors	9 (Collegiate) 10	1.0	English 1 Honors	03220200
English 3	11	1.0	English 2	03220300
English 4	12	1.0	English 3	03220400
Research Technical Writing	10-12	1.0	X	03221100
SAT Prep	11-12	0.5	ELAR 3 or 4	<i>Local Credit</i>
College Prep and TSI	12	1.0	English 4	CP110100
FILAS	9-12	0.5	LPAC Recommendation/ Placement	N1280040
English 1 Speakers of Other Languages (ESOL 1)	9-10	1.0	FILAS or LPAC Recommendation/ Placement	03200600
English 2 Speakers of Other Languages (ESOL 2)	10-11	1.0	Eng 1 ESOL	03200700
Reading ESOL 1	9	1.0	FILAS or LPAC Recommendation/ Placement	
Reading	9	1.0	Administration Recommendation	03270700
AP English Language and Composition (English 3)	11-12	1.0	English II	A3220100
AP English Literature and Composition (English 4)	12	1.0	English III	A3220200
Dual Enrollment Composition I (TSC-ENGL 1301)	11-12	1.0	TSA2 ELAR	03220300
Dual Enrollment Composition II (TSC-ENGL 1301)	11-12	1.0	ENGL 1301	03220400

Dual Enrollment Forms of Literature (TSC ENGL 2341 –)	12	1.0	ENGL 1301	03221500
Dual Enrollment Rhetoric and Writing (UT Austin OnRamps - RHE 306)	11-12	1.0	English II	03220355
Dual Enrollment Topics in Writing (UT Austin OnRamps - RHE 309J)	11-12	1.0	RHE 306	03220455
Dual Enrollment Speech (Public Speaking) (TSC-SPCH 1315)	10-12	0.5	TSA2 ELAR	03241400
Dual Enrollment Speech (Interpersonal Communication) (TSC-SPCH 1318)	10-12	0.5	TSA2 ELAR	03241200

Creative Writing Honors**Grade:** 8, 9**TEA:** 03221200**Credit:** 1.0**Prerequisite:** ELAR Grade 8

Course Description: This course invites students to explore the art of writing in multiple genres, including poetry, short fiction, memoir, and dramatic scenes. Through reading, peer workshops, and revision, students will develop their unique voice and refine their literary techniques. In addition to creative exploration, students will engage in intensive preparation for the TSI and PSAT/SAT exams, strengthening their reading comprehension, grammar, and writing skills in preparation for college readiness assessments.

English 1**Grade:** 8, 9**TEA:** 03220100**Credit:** 1.0**Prerequisite:** ELAR Grade 8

Course Description: Students will use a variety of strategies to comprehend and analyze literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts. Students will use a process to create written products that communicate insightful ideas effectively using appropriate formats. Research techniques will be implemented throughout the year to expand understanding of topics and concepts. Vocabulary acquisition strategies leading to increasing reading levels will be instilled.

English 1 Honors**Grade:** 9**TEA:** 03220107 03220100**Credit:** 1.0**Recommended Prerequisite:** Grade 8 ELAR Honors

Course Description: Students will work independently and within a learning community to critically analyze a variety of literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse and complex selection of texts. Students will articulate increasingly insightful ideas effectively utilizing more sophisticated and appropriate formats. A variety of research techniques will be taught to facilitate independent investigation of concepts and ideas. Vocabulary acquisition strategies leading to increasing comprehension of more complicated texts will be instilled.

Practical Writing Skills**Grade:** 9-12**TEA:** 03221300**Credit:** .5 - 1.0**Recommended Prerequisite:** None

Course Description: The study of writing allows high school students to earn one-half to one credit while developing skills necessary for practical writing. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing.

English 2**Grade:** 10**TEA:** 03220200**Credit:** 1.0***Prerequisite:*** English 1

Course Description: Students will use a variety of strategies to comprehend and analyze literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts that reflect a wide range of cultures and world experiences. Students will use a process to create written products that communicate insightful ideas effectively using appropriate formats. Research techniques will be implemented throughout the year to expand understanding of topics and concepts. Vocabulary acquisition strategies leading to increasing reading levels will be instilled.

Note: This course meets State graduation requirements for communication skills proficiency.

English 2 Honors**Grade:** 9 (Collegiate), 10**TEA:** 03220200**Credit:** 1.0**Recommended Prerequisite:** English 1 Honors

Course Description: Students will work independently and within a learning community to critically analyze a variety of literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse and complex selection of texts that reflect a wide range of cultures and world experiences. Students will articulate increasingly insightful ideas effectively utilizing more sophisticated and appropriate formats. A variety of research techniques will be taught to facilitate independent investigation of concepts and ideas. Vocabulary acquisition strategies leading to increasing comprehension of more complicated texts will be instilled.

Note: This course meet State graduation requirement for communication skills proficiency

English 3**Grade:** 11**TEA:** 03220300**Credit:** 1.0**Prerequisite:** English 2

Course Description: Students will use a variety of strategies to comprehend and analyze a variety of genres with emphasis on American literature. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts and present their ideas articulately in a correct and appropriate written format. Students will continue to communicate more complex and insightful ideas effectively using appropriate formats. Vocabulary acquisition strategies leading to increasing reading levels will be instilled. Students will implement effective and thoughtful research strategies to produce a formal research paper with correct documentation of sources and format.

English 4**Grade:** 12**TEA:** 03220400**Credit:** 1.0**Prerequisite:** English 3

Course Description: Students will use a variety of strategies to comprehend and analyze a variety of genres with emphasis on British literature. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts and present their ideas articulately in a correct and appropriate written format. Students will continue to communicate more complex and insightful ideas effectively using appropriate formats. Vocabulary acquisition strategies leading to increasing reading levels will be instilled. Students will implement effective and thoughtful research strategies to produce a formal research paper with correct documentation of sources and format.

SAT Prep**Grade:** 11-12**Credit:** 1.0**Recommended Prerequisite:** English 3 or English 4

Course Description: High school students that require or request additional honing of the study skills, especially as the students prepare for the demands of college, may enroll in the one semester course SAT Prep. In this course, students acquire techniques for learning from texts, including studying word meanings, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. In all cases, interpretations and understandings will be presented through varying forms, including through use of available technology. Students accomplish many of the objectives through wide reading as well as use of content texts in preparation for post-secondary schooling.

College Prep English**Grade:** 12**TEA:** CP110100**Credit:** 1.0**Recommended Prerequisite:** English 4

Course Description: The courses must be designed: (1) for students at the 12th grade level whose performance on: (A) an end-of-course assessment instrument required under Section 39.023(c) does not meet college readiness standards; or (B) coursework, a college entrance examination, or an assessment instrument designated under Section 51.334 indicates that the student is not ready to perform entry-level college coursework; and (2) to prepare students for success in entry-level college courses.

Research and Technical Writing**Grade:** 9-12**TEA:** 03221100**Credit:** 1.0**Prerequisite:** None

Course Description: The study of technical writing allows high school students to earn one-half to one credit while developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

Advanced Placement English Language and Composition (English 3)**Grade:** 11**TEA:** A3220100**Credit:** 1.0**Prerequisite:** English 2

Course Description: Advanced Placement English Language and Composition examines major elements of nonfiction and American literature. Students read from a variety of genres that address varying historical periods, disciplines and rhetorical contexts. From these endeavors, students apply stylistic and rhetorical strategies and techniques to their own writings. Five to eight major works are required during the school year. Additionally, students prepare for the AP English Language and Composition exam, with an emphasis on writing under time constraints. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement English Literature and Composition (English 4)**Grade:** 12**TEA:** A3220200**Credit:** 1.0**Prerequisite:** English 3 or English 3 AP

Course Description: Advanced Placement English Literature and Composition includes the study of prose and poetry by British and World authors from the 16th century through contemporary times. Additionally, students prepare for the AP English Literature and Composition exam, with an emphasis on writing under time constraints. Five to eight major works are required during the school year. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Dual Enrollment - Composition I (TSC - ENGL 1301)**High School Credit:** English III**Grade:** 11-12**TEA:** 03220300**Credit:** 1.0**Prerequisite:** TSIA2 ELAR passing score

Course Description: Strengthen writing skills with a focus on structure, clarity, and persuasive techniques. Students will write essays based on critical reading and research—a must for college readiness across all disciplines.

Dual Enrollment - Composition II (TSC - ENGL 1302)**High School Credit:** English IV**Grade:** 11-12**TEA:** 03220400**Credit:** 1.0**Prerequisite:** completion of ENGL 1301 with a minimum grade of “C”

Course Description: Builds on the fundamentals from Composition I, with a deeper dive into argumentation, literary analysis, and research. Students will strengthen their writing voice and prepare for college-level communication across disciplines.

Dual Enrollment Forms of Literature (TSC - ENGL 2341)**High School Credit:** Literary Genres**Grade:** 12**TEA:** 03221500**Credit:** 1.0**Prerequisite:** completion of ENGL 1301 with a minimum grade of “C”

Course Description: Discover how poetry, drama, and prose reflect the human experience. This literary deep-dive challenges students to analyze themes and craft thoughtful critiques.

Dual Enrollment Rhetoric and Writing (UT Austin OnRamps - RHE 306)**High School Credit:** English III**Grade:** 11-12**TEA:** 03220355**Credit:** 1.0**TSI Requirement:** None – TSI waived through UT OnRamps instructional model

Course Description: Develop persuasive writing and critical thinking skills through academic argumentation. This course equips students to analyze texts, build evidence-based claims, and refine their voice—perfect preparation for any college writing experience.

Dual Enrollment Topics in Writing (UT Austin OnRamps - RHE 309J)

High School Credit: English IV

Grade: 11-12

TEA: 03220455

Credit: 1.0

TSI Requirement: None – TSI waived through UT OnRamps instructional model

Course Description: An advanced writing course that takes a thematic approach—students explore a central topic while mastering research, synthesis, and rhetorical strategies.

Dual Enrollment Speech (Public Speaking) (TSC-SPCH 1315)

High School Credit: Literary Genres

Grade: 12

TEA: 03241400

Credit: 0.5

Prerequisite: TSA2 ELAR

Course Description: This course develops students' confidence and effectiveness in public speaking through practice in crafting and delivering speeches. Emphasis is placed on audience analysis, speech organization, and communication ethics—skills that benefit students in any career path.

Dual Enrollment Speech (Interpersonal Communication) (TSC-SPCH 1318)

High School Credit: Literary Genres

Grade: 12

TEA: 03241200

Credit: 0.5

Prerequisite: TSA2 ELAR

Course Description: Dive into the dynamics of one-on-one communication. Students will explore verbal and nonverbal cues, conflict resolution, and relationship building—great preparation for leadership roles and real-world interactions.

English for Speakers of Other Languages (ESOL)

English for Speakers of Other Languages (ESOL) is offered to assist students whose native language is not English in gaining a level of fluency which will enable their completion of a high school education. A maximum of two ESOL English credits may be applied to the 4-credit English requirement for graduation. Additional ESOL courses will be counted as elective credits.

Foundations of Intensive Language Acquisition and Support (FILAS)

Grade: 9-11

TEA: N1280040

Credit: 1.0

Prerequisite: Recommended by LPAC

Course Description: This one (1) credit course replaces English for Newcomers A course and is designed for recent immigrant and/or recent arrivals English language learners who are unschooled and/or have limited schooling. These students come with little or no proficiency in English and /or are pre-literate. The state approved Oral Language Proficiency Test scores of students indicate that students are at the beginning or intermediate level of proficiency in English, and in vital need of intensive language support.

English 1 Speakers of Other Languages (ESOL)

Grade: 9

TEA: 03200600

Credit: 1.0

Prerequisite: FILAS or Placement based on the student's level of English proficiency.

Course Description: This course teaches the same academic content as English I while supporting English Language Learners in developing interpersonal and academic vocabulary. Initial instruction focuses on listening and speaking, and reading and writing skills are developed simultaneously as the student comprehends and speaks more English.

English 2 Speakers of Other Languages (ESOL)**Grade:** 10**TEA:** 03200700**Credit:** 1.0**Prerequisite:** ESOL 1

Course Description: This course teaches the same academic content as English 2 while supporting English Language Learners in developing interpersonal and academic vocabulary. This is a course dedicated to vocabulary development in content areas through a whole language approach. Communicative skills are stressed.

Reading ESOL 1**Grade:** 9**TEA:** 03270700**Credit:** 1.0

Prerequisite: FILAS or Placement based on the student's level of English proficiency.

Course Description: This beginner through intermediate-level ESOL course focuses on understanding and interpreting reading selections related to a thematic unit covered in ESOL-I and ESOL-2, which are taken in conjunction with this course, to develop reading skills necessary for basic skill test and mainstream course work. Research projects and development of study skills are important aspects of this course.

Reading**Grade:** 9**TEA:** 03270700**Credit:** 1.0

Prerequisite: Administration Recommendation

Course Description: This beginner through intermediate-level English course focuses on understanding and interpreting reading selections related to a thematic unit covered in English 1, which is taken in conjunction with this course, to develop reading skills necessary for basic skill test and mainstream course work. Research projects and development of study skills are important aspects of this course.

MATHEMATICS

Course Title	Grade	Credit	Prerequisite	PEIMS #
Algebra 1	8-9	1.0	X	03100500
Algebra 1 Honors	8-9	1.0	X	03100500
Geometry	9-12	1.0	X	03100700
Geometry Honors	9-12	1.0	X	03100700
Algebraic Reasoning	9-12	1.0	Algebra I	03102540
Algebra 2	9-12	1.0	X	03100600
Algebra 2 Honors	9-12	1.0	X	03100600
Math Models with Applications	10-12	1.0	X	03102400
Precalculus	11-12	1.0	X	03101100
AP Precalculus	11-12	1.0	Honors Precalculus	03101100
AP Calculus AB	11-12	1.0	Precalculus, DE Calculus	A3100101
AP Statistics	11-12	1.0	Geometry & Algebra II	A3100200
AP Computer Science Principles	9-12	1.0	Algebra I	A3580300
College Prep Math	12	1.0	Administration Recommendation	CP111200
Financial Math	11-12	1.0	Algebra I	13018000
Dual Enrollment College Algebra (TSC MATH 1314)	10-12	1.0	TSIA2 Math	03100600
Dual Enrollment Pre-Calculus (TSC MATH 2412)	11-12	1.0	MATH 1314	03101100
Dual Enrollment Calculus I (TSC MATH 2413)	12	1.0	MATH 2412	A3100101 03102500
Dual Enrollment College Algebra (UT-Austin OnRamps - M 301)	12	1.0	none	03102501

Algebra I

Grade: 8, 9

TEA: 03100500

Credit: 1.0

Prerequisite: Grade 8 or its equivalent

Course Description: In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Algebra 1 Honors**Grade:** 8, 9**TEA:** 03100500**Credit:** 1.0**Prerequisite:** Grade 8 or its equivalent

Course Description: This course provides a more in depth experience in the concepts of Algebra 1. In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Geometry**Grade:** 9-12**TEA:** 03100700**Credit:** 1.0**Prerequisite:** Algebra I

Course Description: In Geometry, 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. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs.

Geometry Honors**Grade:** 9-12**TEA:** 03100700**Credit:** 1.0**Prerequisite:** Algebra I

Course Description: This course provides a more in-depth experience in the concepts of Geometry. 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. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs.

Algebra 2**Grade:** 9-12**TEA:** 03100600**Credit:** 1.0**Prerequisite:** Algebra I

Course Description: In Algebra 2, students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

Algebra 2 Honors**Grade:** 9-12**TEA:** 03100600**Credit:** 1.0**Prerequisite:** Algebra I

Course Description: This course provides a more in-depth experience in the concepts of Algebra 2. In Algebra 2, students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

Algebraic Reasoning**Grade:** 10-12**TEA:** 03102540**Credit:** 1.0**Prerequisite:** Algebra I

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.

Math Models with Applications**Grade:** 10-12**TEA:** 03102400**Credit:** 1.0**Prerequisite:** Algebra I

Course Description: In mathematical models with applications, students will use a mathematical modeling cycle to analyze problems, understand problems better, and improve decisions. Students will also 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.

Precalculus**Grade:** 11, 12**TEA:** 03101100**Credit:** 1.0**Prerequisite:** Algebra I, Geometry, and Algebra II

Course Description: Pre-calculus is designed to provide a firm foundation for high-level mathematics courses. Topics in this college- preparatory course include functions and their graphs, conics, trigonometric identities and equations, vectors, periodic functions, trigonometric and analytic applications, concept of infinity and limit, concepts of reasoning, and logic for use with proofs.

Advanced Placement Precalculus

Grade: 11, 12

TEA: 03101100

Credit: 1.0

Prerequisite: Algebra I, Geometry, Algebra II, Honors Precalculus

Course Description: This course provides more in-depth experience in the concepts of Pre-calculus. Pre-calculus is designed to provide a firm foundation for high-level mathematics courses. Topics in this college-preparatory course include functions and their graphs, conics, trigonometric identities and equations, vectors, periodic functions, trigonometric and analytic applications, concept of infinity and limit, concepts of reasoning, and logic for use with proofs. The next course is usually Calculus. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Calculus AB

Grade: 12

TEA: A3100101

Credit: 1.0

Prerequisite: Pre-calculus, Dual Enrollment Calculus

Course Description: AP Calculus AB is equivalent to the first semester of college-level Calculus. This course explores the concepts, methods, and applications of differential and integral calculus. You'll work to understand the theoretical basis and solve problems by applying your knowledge and skills. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Statistics

Grade: 11-12

TEA: A3100200

Credit: 1.0

Prerequisite: Geometry and Algebra II

Course Description: AP Statistics is built around learning about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. You'll explore statistics through discussion and activities, and you'll design surveys and experiments. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Computer Science Principles

Grade: 9-12

TEA: A3580300

Credit: 1.0

Prerequisite: Algebra I

Course Description: This course students will learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use. You'll work on your own and as part of a team to creatively address real-world issues using the tools and processes of computation. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

College Prep Math**Grade:** 12**TEA:** CP111200**Credit:** 1.0***Recommended Prerequisite:*** Algebra II or Administration Recommendation

Course Description: The courses must be designed: (1) for students at the 12th grade level whose performance on: (A) an end-of-course assessment instrument required under Section 39.023(c) does not meet college readiness standards; or (B) coursework, a college entrance examination, or an assessment instrument designated under Section 51.334 indicates that the student is not ready to perform entry-level college coursework; and (2) to prepare students for success in entry-level college courses.

Financial Math**Grade:** 11, 12**TEA:** 13018000**Credit:** 1.0**Prerequisite:** Algebra I

Course 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. Financial Mathematics will integrate career and postsecondary education planning into financial decision making.

Dual Enrollment College Algebra (TSC - MATH 1314)**High School Course:** Algebra II**Grade:** 10-12**TEA:** 03100600**Credit:** 1.0**Prerequisite:** TSIA2 Math

Course Description: This course is in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Dual Enrollment Pre-Calculus (TSC - MATH 2412)**High School Course:** Precalculus**Grade:** 11-12**TEA:** 03101100**Credit:** 1.0**Prerequisite:** Algebra I, Geometry, and MATH 1314

Course Description: A rigorous prep for calculus covering trigonometry, advanced algebra, and analytical geometry. This course is ideal for students pursuing STEM careers and builds a strong mathematical foundation for college-level math.

Dual Enrollment Calculus I (TSC - MATH 2413)**High School Course:** Independent Study In Mathematics**Grade:** 12**TEA:** A3100101 03102500**Credit:** 1.0**Prerequisite:** completion of MATH 1314, MATH 1316, and MATH 1348 with a minimum grade of "C" MATH 2412

Course Description: This course covers limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas.

Dual Enrollment College Algebra (M 301 – University of Texas at Austin)**High School Course:** Independent Study In Mathematics**Grade:** 12**TEA:** 03102501**Credit:** 1.0**Prerequisite:** None – TSIA2 waived through UT OnRamps instructional model

Course Description: This course builds a solid foundation in algebraic concepts, focusing on functions, graphs, and problem-solving strategies. A great launchpad for students interested in business, science, or tech pathways.

SCIENCE

Course Title	Grade	Credit	Prerequisite	PEIMS #
Integrated Physics and Chemistry (IPC) Honors	8-9	1.0		03060201
Integrated Physics and Chemistry (IPC)	9-10	1.0		03060201
Biology	9-12	1.0		03010200
Biology Honors	9-12	1.0		03010200
Chemistry	10-12	1.0	X	03040000
Chemistry Honors	10-12	1.0	X	03040000
Earth and Space Science	11-12	1.0	X	03060200
Physics	11-12	1.0	X	03050000
Physics Honors	11-12	1.0	X	03050000
Environmental Systems	11-12	1.0	X	03020000
Anatomy & Physiology	11-12	1.0	X	13020600
Forensic Science	11-12	1.0	X	13029500
Specialized Topics in Science	9-12	1.0	X	03060300
Medical Microbiology	10-12	1.0	X	13020700
Pathophysiology	11-12	1.0	X	13020800
Scientific Research and Design	11-12	1.0	X	13037200
Advanced Animal Science	11-12	1.0	X	13000700
Advanced Plant and Soil Science	11-12	1.0	X	13002100
AP Biology	11-12	1.0	Biology & Chemistry	A3010200
AP Chemistry	11-12	1.0	Chemistry & Algebra II	A3040000
AP Environmental Science	11-12	1.0	Biology, Chemistry & Algebra I	A3020000
AP Physics 1	11-12	1.0	Algebra I, Geometry & Algebra II	A3050003
Dual Enrollment BIOL 1306 – Biology I	10-12	1.0	MATH 1314	13037200
Dual Enrollment BIOL 1307 – Biology II	11-12	1.0	BIOL 1306	13037200
Dual Enrollment PHYS 1301 – Physics I Dual Enrollment College Physics I (TSC PHYS 1301/1101)	11-12	1.0	MATH 1314 & Trigonometry MATH 2412	03050000 13037200
Dual Enrollment PHYS 1317 – Physics II Dual Enrollment College Physics II (TSC PHYS 1302/1102)	11-12	1.0	PHYS 1301 & MATH 1314 PHYS 1311/1111	13037210
Dual Enrollment Biology I (TSC BIOL 1308/1108)	10-12	1.0	TSIA2 Complete	03060300
Dual Enrollment Biology II (TSC BIOL 1309/1109)	11-12	1.0	BIOL 1308	03060310
Dual Enrollment Anatomy and Physiology I (TSC BIOL 2301/2101)	10-12	1.0	TSIA2 Complete	13020600

Dual Enrollment Anatomy and Physiology II (TSC BIOL 2302/2102)	11-12	1.0	BIOL 2301	03060300
Dual Enrollment Chemistry I (TSC CHEM 1311/1111))	10-12	1.0	TSIA2 Complete	03060300
Dual Enrollment Chemistry II (TSC CHEM 1312/1112)	11-12	1.0	CHEM 1311/1111	03060310
Dual Enrollment Geoscience (UT-Austin OnRamps GEO 302E)	11-12	1.0	None	03050000

Integrated Physics and Chemistry Honors

Grade: 8-9

TEA: 03060201

Credit: 1.0

Prerequisite: None

Course Description: This honors-level course introduces foundational concepts in both physics and chemistry through a hands-on, inquiry-based approach. Students explore motion, energy, matter, atomic structure, and chemical reactions while developing critical thinking and lab skills. Designed for advanced middle and early high school students, this course provides a rigorous STEM foundation that prepares students for future success in biology, chemistry, and physics.

Integrated Physics and Chemistry

Grade: 9-10

TEA: 03060201

Credit: 1.0

Prerequisite: None

Course Description: In IPC, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. This course integrates the concepts of physics and chemistry using practical applications relating to topics such as: force, motion, energy, and matter

Biology**Grade:** 9, 10, 11**TEA:** 03010200**Credit:** 1.0**Prerequisite:** None

Course Description: In Biology, students conduct laboratory and field investigations, use scientific practices 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. Additionally, students will receive instruction in cardiopulmonary resuscitation (CPR) as outlined in Texas Education Code §74.38. Dissections may be a part of the curriculum

Biology Honors**Grade:** 9-12**TEA:** 03010200**Credit:** 1.0**Prerequisite:** None

Course Description: This advanced version of Biology I includes all elements of that course. Instruction is at a faster pace, which permits investigation of topics at a greater depth. Six major out-of-class projects will be required. Analysis questions will be included on all tests. Dissections may be a part of the curriculum. Additionally, students will receive instruction in cardiopulmonary resuscitation (CPR) as outlined in Texas Education Code §74.38.

Chemistry**Grade:** 10-12**TEA:** 03040000**Credit:** 1.0

Prerequisite: One unit of high school science and Algebra I. Suggested completion of or concurrent enrollment in a second year of mathematics.

Course Description: This course covers the study of matter in a traditional manner. Topics include the properties of matter, atomic structure, chemical bonding, stoichiometry, and quantum mechanics with an emphasis on high level math. Laboratory procedures, classification and measurement skills, predicting outcomes, and applications of chemistry in daily life will be emphasized. This fulfills one credit of the science requirement for all graduation plans and for college.

Chemistry Honors**Grade:** 10-12**TEA:** 03040000**Credit:** 1.0

Prerequisite: One unit of high school science and Algebra I. Suggested completion of or concurrent enrollment in a second year of mathematics.

Course Description: This preparation course for Chemistry AP includes all the elements of Chemistry I as well as prepares the student for Chemistry AP and/or a rigorous college-level chemistry course. Instruction is at a faster pace, which permits investigation of topics at a greater depth. In addition, major emphasis will be placed on an independent research project, which includes project selection, literature search, experimental design, data collection, data analysis, and presentation of findings.

Earth and Space

Grade: 11-12

TEA: 03060200

Credit: 1.0

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) 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.

Physics

Grade: 9-12

TEA: 03050000

Credit: 1.0

Prerequisite: Algebra I is suggested as a prerequisite or corequisite.

Course Description: This course provides an in-depth investigation of the relationship between matter and energy. Students will perform calculations and laboratory investigations on topics including motion, forces, work, waves, sound, light, and electrical and nuclear energy. The course is math intensive.

Physics Honors

Grade: 9-12

TEA: 03050000

Credit: 1.0

Prerequisite: Algebra I is suggested as a prerequisite or corequisite.

Course Description: The advanced version of Physics I includes all the elements of that course. Emphasis will be placed on the formulation of models used to solve problems. In addition, major emphasis will be placed on an independent research project which includes project selection, literature search, experimental design, data collection, data analysis, and presentation of findings.

Environmental Systems

Grade: 11-12

TEA: 03020000

Credit: 1.0

Prerequisite: One unit high school life science and one unit of high school physical science.

Course Description: This science course will introduce students to major ecological concepts and environmental problems that affect the world in which they live. The course is designed as a fourth-year science course. Topics include: history of environmental systems, earth systems, resources, population dynamics, ecosystem changes, and ethics.

Anatomy & Physiology

Grade: 10-12

TEA: 13020600

Credit: 1.0

Recommended Prerequisite: Biology and a second science credit.

Recommended prerequisite: a course from the Health Science Career Cluster

Course Description: Anatomy and Physiology is an advanced science course designed to extend the concepts of biology to the study of human anatomy and physiology. The course will be laboratory oriented. A college-level textbook is used in the course.

Forensic Science

Grade: 11-12

TEA: 13029500

Credit: 1.0

Prerequisite: Biology, Chemistry, IPC or Physics

Course Description: This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis.

Specialized Topics in Science

Grade: 9 -12

TEA: 03060300

Credit: 1.0

Prerequisite: One credit of high school science.

Course Description: In Specialized Topics in Science, students have the opportunity to develop greater understanding of science content beyond what is taught in other Texas Essential Knowledge and Skills-based science courses while utilizing science and engineering practices. Students understand the value and role of curiosity in any discipline of science.

Medical Microbiology

Grade: 10 -12

TEA: 13020700

Credit: 1.0

Prerequisite: : Biology and Chemistry. Recommended prerequisite: a course from the Health Science Career Cluster.

Course 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.

Scientific Research and Design

Grade: 11 -12

TEA: 13037200

Credit: 1.0

Prerequisite: :Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics.

Course Description: Scientific Research and Design is a broad-based course that focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Advanced Animal Science

Grade: 11-12

TEA: 13000700

Credit: 1.0

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.

Course 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.

Advanced Plant and Soil Science

Grade: 11-12

TEA: 13002100

Credit: 1.0

Prerequisite: 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

Course 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.

Advanced Placement Biology

Grade: 11-12

TEA: A3010200

Credit: 1.0

Prerequisite: Biology and Chemistry

Course Description: This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Instruction follows the AP course description and emphasizes the development of understanding concepts which allows the student to grasp science as an inquiry-based process while recognizing the unifying themes that integrate the major topics of biology. Students use open-ended activities to conduct internet research, work in collaboration with other disciplines, and integrate the history of scientists. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Chemistry

Grade: 11-12

TEA: A3040000

Credit: 1.0

Prerequisite: Chemistry and Algebra II

Course Description: Students attain a depth of understanding of the fundamentals and a reasonable competence in dealing with chemical problems. The course contributes to the development of the students' abilities to think clearly and express ideas. Labs and activities are designed to reflect the requirements of the advanced placement program. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Environmental Science

Grade: 11-12

TEA: A3020000

Credit: 1.0

Prerequisite: Biology, Chemistry, Algebra I

Course Description: This course investigates interrelationships between people and the natural world. This course integrates natural sciences, including biology, chemistry and earth science with social sciences to analyze contemporary

environmental problems such as pollution, resource acquisitions, biodiversity and global warming. A strong laboratory and field investigation component is included allowing students to explore issues that affect their own lives. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Physics I

Grade: 11-12

TEA: A3050003

Credit: 1.0

Prerequisite: Algebra I, Geometry, and Algebra II concurrently

Course Description: This is an algebra-based, introductory college-level physics course taught over a full school year. The course explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introduces simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning practices. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

BIOL 1306 - Biology I

Grade: 11-12

TEA: 13037200*

Credit: 1.0

Prerequisite: Biology and Chemistry and MATH 1314

Course Description: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization function, evolutionary adaptations, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. *This course is listed as *Scientific Research and Design* in the high school transcripts of students.

BIOL 1307 - Biology II

Grade: 11-12

TEA: 13037200*

Credit: 1.0

Prerequisite: BIOL 1306

Course Description: The diversity of classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, ecology, and evolution of plants and animals. This course is a comparative study of form and function in animals including a survey of animal diversity and general principles of physiological mechanisms. *This course is listed as *Scientific Research and Design* in the high school transcripts of students.

PHYS 1301 - Physics I

Dual Enrollment - College Physics I (PHYS 1301/1101 – Texas Southmost College)

High School Credit: Scientific Research and Design

Grade: 11-12

TEA: 03050000

Credit: 1.0

Prerequisite: MATH 1314 and Trigonometry MATH 2412

Course Description: This course covers the fundamental principles of physics, using algebra and trigonometry: the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces.

PHYS 1317 - Physics II

Dual Enrollment - College Physics II (PHYS 1302/1102 – Texas Southmost College)

Grade: 11-12

TEA: 13037210*

Credit: 1.0

Prerequisite: PHYS 1301/1101 and MATH 1314

Course Description: This course covers the fundamental principles of physics, using algebra and trigonometry; the principles

and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. *This course is listed as *Scientific Research and Design II* in the high school transcripts of students.

Dual Enrollment - Anatomy and Physiology I (BIOL 2301/2101 – Texas Southmost College)

High School Credit: Anatomy and Physiology

Grade: 10-12

TEA: 13020600

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: Explore the human body's structure, from cells and tissues to major organ systems. The lab component deepens understanding—ideal for future healthcare professionals and biology enthusiasts.

Dual Enrollment - Anatomy and Physiology II (BIOL 2302/2102 – Texas Southmost College)

High School Credit: Specialized Topics in Science (First Time Taken)

Grade: 11-12

TEA: 03060300

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A continuation of A&P I, this course covers the cardiovascular, respiratory, digestive, urinary, and reproductive systems. A must-have for students headed into nursing, kinesiology, or medical careers.

Dual Enrollment - Biology for Non-Science Majors I (BIOL 1308/1108 – Texas Southmost College)

High School Credit: Specialized Topics in Science (First Time Taken)

Grade: 10-12

TEA: 03060300

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A lecture and lab combo designed for non-science majors. Explore the basics of cell biology, genetics, and ecology with hands-on activities—perfect for curious minds not pursuing STEM fields.

Dual Enrollment - Biology for Non-Science Majors II (BIOL 1309/1109 – Texas Southmost College)

High School Credit: Specialized Topics in Science (Second Time Taken)

Grade: 11-12

TEA: 03060310

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A continuation of Biology I, this course explores evolution, biodiversity, and environmental science. Ideal for students seeking a practical, approachable science course.

Dual Enrollment - General Chemistry I (CHEM 1311/1111 – Texas Southmost College)

High School Credit: Specialized Topics in Science (First Time Taken)

Grade: 10-12

TEA: 03060300

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: This course introduces chemical principles including atomic structure, bonding, and chemical reactions. The accompanying lab reinforces key concepts and prepares students for advanced studies in science, healthcare, or engineering.

Dual Enrollment - General Chemistry II (CHEM 1312/1112 – Texas Southmost College)

High School Credit: Specialized Topics in Science (Second Time Taken)

Grade: 10 -12

TEA: 03060310

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A continuation of Chemistry I, this course dives deeper into thermodynamics, kinetics, equilibrium, and electrochemistry. Lab work helps solidify theoretical concepts, making it ideal for future science majors.

Dual Enrollment - Geoscience (GEO 302E – University of Texas at Austin)

High School Credit: Earth Systems Science

Grade: 10 -12

TEA: 03050000

Credit: 1.0

Prerequisite: None (TSI waived through UT OnRamps instructional model)

Course Description: Examine Earth's processes—from volcanoes and earthquakes to climate change and ocean dynamics. Students will analyze real data and current environmental topics while learning how Earth systems interact and change over time.

SOCIAL STUDIES

Course Title	Grade	Credit	Prerequisite	PEIMS #
World Geography Studies	9	1.0		03320100
World Geography Studies Honors	9	1.0		03320100
World History Studies	10	1.0		03340400
United States History Studies Since 1877	11	1.0		03340100
United States Government	12	0.5		03330100
Economics with Emphasis on the Free Enterprise System and Its Benefits	12	0.5		03310300
Personal Financial Literacy and Economics	12	0.5		03380083
Personal Financial Literacy	10-12	0.5		03380082
Social Studies Advanced Studies	10-11	0.5		03380022
Special Topics in Social Studies	10-11	0.5		03380022
Social Studies Research Methods	10-11	0.5		03380003
AP Human Geography	9	1.0		A3360100
AP World History: Modern	10	1.0		A3370100
AP United States History	11-12	1.0		A3340100
AP Macroeconomics	11-12	1.0		A3310200
AP United States Government and Politics	11-12	1.0		A3330100
AP European History	11-12	1.0		A3340200
Dual Enrollment US History I: United States to 1877 (TSC-HIST 1301)	10-12	1.0	TSIA2 ELAR	03380021 03380002
Dual Enrollment US History II: United States Since 1877 (TSC-HIST 1302)	11-12	1.0	TSIA2 ELAR	03340100
Dual Enrollment US Government (TSC-GOVT 2305)	11-12	1.0 0.5	TSIA2 ELAR	03330100
Dual Enrollment Texas Government (TSC-GOVT 2306)	11-12	1.0 0.5	TSIA2 ELAR	03380021
Dual Enrollment Economics (TSC-ECON 2301)	11-12	1.0	TSIA2 ELAR	03380032 + 03310300
Dual Enrollment Psychology (TSC-PSYC 2301)	10-12	1.0	TSIA2 ELAR	03380001 + 03350100
Dual Enrollment Sociology (TSC-SOCI 1301)	10-12	1.0	TSIA2 ELAR	03380021 + 03350100

World Geography Studies**Grade:** 9**TEA:** 03320100**Credit:** 1.0**Prerequisite:** None

Course Description: In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues.

World Geography Studies Honors**Grade:** 9**TEA:** 03320100**Credit:** 1.0**Recommended Prerequisite:** *Social Studies, Grade 8 Honors*

Course Description: In World Geography Studies Honors, students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. The course will also provide students with opportunities to analyze primary and secondary source material to read and write critically in preparation for future Advanced Placement courses.

World History Studies**Grade:** 10**TEA:** 03340400**Credit:** 1.0**Prerequisite:** None

Course Description: World History Studies is a survey of the history of humankind. 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.

United States History Studies Since 1877**Grade:** 11**TEA:** 03340100**Credit:** 1.0**Prerequisite:** None

Course Description: United States History Studies Since 1877 is the second part of a two-year study that begins in Grade 8. The content focuses on the political, economic, and social events and issues related to various eras beginning in 1877 to present day. Students will also examine the impact of geographical factors, constitutional issues, arts and popular culture, and technological innovations throughout eras in this time period.

United States Government**Grade:** 12**TEA:** 03330100**Credit:** 0.5**Prerequisite:** None

Course Description: In United States Government, 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 throughout elementary and secondary social studies coursework in Texas.

Economics with Emphasis on the Free Enterprise System and Its Benefits

Grade: 12

TEA: 03330100

Credit: 0.5

Prerequisite: None

Course Description: In United States Government, 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 throughout elementary and secondary social studies coursework.

Personal Financial Literacy and Economics

Grade: 12

TEA: 03380083

Credit: 0.5

Prerequisite: None

Course Description: The Personal Financial Literacy and Economics Course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. It builds on and extends the economic content and concepts studied throughout elementary and secondary social studies coursework.

The course provides a foundation in both microeconomics and macroeconomics. *This course may be used to fulfill the required Economics credit

Personal Financial Literacy

Grade: 10-12

TEA: 03380082

Credit: 0.5

Prerequisite: None

Course Description: Personal Financial Literacy 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. The goal of the course is to develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. *Students may not receive credit for both this and the Personal Financial Literacy and Economics course.

Social Studies Advanced Studies

Grade: 10-12

TEA: 03380021

Credit: 0.5

Prerequisite: None

Course Description: In Social Studies Advanced Studies, students conduct in-depth research to investigate a problem, issue, or concern, prepare a product of professional quality, and present their findings to appropriate audiences. *Students may take this course with different course content for a max of 2 credits.

Special Topics in Social Studies

Grade: 10-12

TEA: 03380022

Credit: 0.5

Prerequisite: None

Course Description: In Special Topics 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 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 may take this course with different course content for a max of 2 credits.

Social Studies Research Methods

Grade: 10-12

TEA: 03380003

Credit: 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. *Students may take this course with different course content for a max of 2 credits.

Advanced Placement Human Geography

Grade: 9

TEA: A3360100

Credit: 1.0

Course Description: AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.

Note: Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement World History: Modern

Grade: 10

TEA: A3370100

Credit: 1.0

Course Description: AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement US History

Grade: 11

TEA: A3340100

Credit: 1.0

Course Description: AP U.S. History is an introductory college-level U.S. history course. Students cultivate their

understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Macroeconomics

Grade: 11-12

TEA: A3310200

Credit: 1.0

Course Description: AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement United States Government & Politics

Grade: 12

TEA: A3330100

Credit: 1.0

Course Description: AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement European History

Grade: 11-12

TEA: A3340200

Credit: 1.0

Course Description: AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

HIST 1301 - United States to 1877

Dual Enrollment US History I: United States to 1877 (TSC-HIST 1301)

High School Credit: Special Topics in Social Studies (First Time Taken)

Grade: 10-12

TEA: 03380021 03380002

Credit: 1.0

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

HIST 1302 - United States Since 1877

Dual Enrollment US History II: United States Since 1877 (TSC-HIST 1302)

High School Credit: United States History Studies Since 1877

Grade: 11

TEA: 03340100

Credit: 1.0

Prerequisite: Reading TSI Assessment TSIA2 ELAR

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

GOVT 2305 - Federal Government

Dual Enrollment US Government (TSC-GOVT 2305)

High School Credit: United States Government

Grade: 11-12

TEA: 03330100

Credit: 1.0 0.5

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: A survey of 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.

GOVT 2306 – Texas Government

Dual Enrollment Texas Government (TSC-GOVT 2306)

High School Credit: Social Studies Advanced Studies

Grade: 11-12

TEA: 03380021

Credit: 1.0 0.5

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: A survey of 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

ECON 2301 - Principles of Macroeconomics

Dual Enrollment Economics (TSC-ECON 2301)

High School Credit: Special Topics in Social Studies / Economics

Grade: 11-12

TEA: 03310300

Credit: 1.0 0.5 / 0.5

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

PSYC 2301 - General Psychology

Dual Enrollment General Psychology (TSC-PSYC 2301)

High School Credit: Social Studies Advanced Studies / Psychology

Grade: 10-12

TEA: 03380001 / 03350100

Credit: 1.0

Prerequisite: Reading and Writing TSI Assessment TSIA2 ELAR

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

Dual Enrollment Introduction to Sociology (TSC-SOCI 1301)

High School Credit: Social Studies Advanced Studies / Sociology

Grade: 10-12

TEA: 03380021 / 03350100

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: Explore how society shapes individual behavior through culture, socialization, and institutions. This course encourages critical thinking about inequality, identity, and community—perfect for future social scientists and thoughtful citizens alike.

UPDATED DESCRIPTION MOVED TO ENGLISH DEPARTMENT

SPCH 1315 - Public Speaking / Interpersonal Communication

Grade: 10-12

TEA: 13009900

Credit: 1.0

Prerequisite: Reading TSI Assessment

Course Description: Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations. Application of communication theory to interpersonal relationship development, maintenance, and termination in relationship contexts including friendships, romantic partners, families, and relationships with co-workers and supervisors.

PHYSICAL EDUCATION, ATHLETICS, AND SPORTS MEDICINE

Course Title	Grade	Credit	Prerequisite	PEIMS #
Tennis I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Cross Country I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Golf I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Boys Soccer I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Girls Soccer I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Baseball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Softball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Football I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Volleyball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Boys Basketball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Girls Basketball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Boys Track I-V	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Girls Track I-V	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Boys Wrestling	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Girls Wrestling	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Boys Powerlifting	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Girls Powerlifting	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
Cheer	9-12	1.0	Acceptance into Campus Team	PES00013
Belles	9-12	1.0	Acceptance into Campus Team	PES00014
Sports Medicine I	10-12	1.0	X	N1150040
Sports Medicine II	10-12	1.0	X	N1150041
Sports Medicine III	11-12	1.0	X	N1150044

Physical Education (PE) Requirements

The physical education curriculum operates under specific state (Texas Education Code 28.002) and local guidelines, outlined below:

- Each student is required to complete one (1.0) credit of physical education to meet State graduation requirements.
- General Physical Education courses may be taken only once and students may be enrolled in only one Physical Education course per semester.
- Additional PE courses may be taken for elective credit, for a maximum of 4.0 credits
- Physical Education substitutions allow a student to use approved physical activities to meet the state physical education graduation requirement.
- Courses that are substituted for physical education may NOT also be counted to meet other graduation requirements
- All students must be assessed on their physical fitness based on their Physical Education Classification using the FITNESSGRAM Assessment.

Individual Sports

Grade: 9-12

TEA: PES00055

Credit: 0.5

Prerequisite: None

Course Description: Students enrolled in the Individual Sports course will improve their health and fitness while developing competency in Bowling, Table Tennis, Badminton, Disc Golf, and other activities as available. Individual Sports focuses on incorporating wellness into an active lifestyle beyond high school.

Note: This is a one semester course.

Aerobic Activities

Grade: 9-12

TEA: PES00054

Credit: 0.5

Prerequisite: None

Course Description: Students in the Aerobic Activities course are exposed to a wide variety of activities including circuit training, Pilates, resistance training, basic yoga, and walk/jog activities to promote health and fitness.

Note: This is a one semester course.

Lifetime Fitness and Wellness Pursuits

Grade: 9

TEA: PES00051

Credit: 1.0

Prerequisite: None

Course Description: Lifetime Fitness and Wellness Pursuits is designed to develop motor skills, knowledge, and behaviors for active living, physical fitness, sportsmanship, self-efficacy, and emotional intelligence. Physical education addresses the three domains of learning: cognitive skills related to the knowledge of movement, affective skills related to feelings and attitudes about movement, and psychomotor skills related to the manual or physical skills in movement literacy.

Note: This is a two semester course.

Athletics**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer a variety of competitive sports for both girls and boys. Athletic activities are operated under guidelines of the University Interscholastic League (UIL). Participation requires approval of the head coach of the respective sport(s), parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Tennis I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for both girls and boys. Tennis is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Tennis head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Cross Country I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for both girls and boys. Cross Country is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Cross Country head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Golf I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for both girls and boys. Golf is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Golf head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Boys Soccer I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for boys. Soccer is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Soccer head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic

record.

Girls Soccer I-IV

Grade: 9-12

TEA: PES00000, or PES00001, or PES00002, or PES00003

Credit: 1.0

Prerequisite: None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for girls. Soccer is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Soccer head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Baseball I-IV

Grade: 9-12

TEA: PES00000, or PES00001, or PES00002, or PES00003

Credit: 1.0

Prerequisite: None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for boys. Baseball is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Baseball head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Softball I-IV

Grade: 9-12

TEA: PES00000, or PES00001, or PES00002, or PES00003

Credit: 1.0

Prerequisite: None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for girls. Softball is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Softball head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Football I-IV

Grade: 9-12

TEA: PES00000, or PES00001, or PES00002, or PES00003

Credit: 1.0

Prerequisite: None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for boys. Football is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Head Football coach/Athletic Director, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Volleyball I-IV

Grade: 9-12

TEA: PES00000, or PES00001, or PES00002, or PES00003

Credit: 1.0

Prerequisite: None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for girls. Volleyball is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Volleyball head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Boys Basketball I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for boys. Basketball is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Basketball head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Girls Basketball I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for girls. Basketball is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Basketball head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Boys Wrestling I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for boys. Wrestling is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Wrestling head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Girls Wrestling I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for girls. Wrestling is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Wrestling head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Boys Powerlifting I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for boys. Powerlifting is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Powerlifting head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Girls Powerlifting I-IV**Grade:** 9-12**TEA:** PES00000, or PES00001, or PES00002, or PES00003**Credit:** 1.0**Prerequisite:** None

Course Description: Veteran Memorial Academy and San Benito High School offer this competitive sport for girls. Powerlifting is operated under the guidelines of the University Interscholastic League (UIL). Participation requires approval of the Powerlifting head coach, parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Cheer**Grade:** 9-12**TEA:** PES00013**Credit:** 1.0**Prerequisite:** Cheerleaders are selected by a panel of judges.

Course Description: Cheerleaders perform at sporting events and represent VMA and SBHS in competition.

Note: Parent permission and fees may apply. Per state guidelines, students are NOT allowed to take both cheerleading and athletics in the same semester. See your coach, sponsor, and counselor for details.

Belles**Grade:** 9-12**TEA:** PES00014**Credit:** 1.0**Prerequisite:** Belles are selected by a panel of judges.

Course Description: Belles perform at sporting events and represent San Benito CISD in competition with other 5A schools.

Note: Parent permission and fees may apply. Per state guidelines, students are NOT allowed to take both Belles and athletics in the same semester. See your coach, sponsor, and counselor for details. Students may earn 1.0 credit of PE Substitution through Belles to meet State graduation requirements. Additional credits will count as elective credit.

Sports Medicine Courses

Sports Medicine courses do NOT count as the physical education requirement for State graduation.

Sports Medicine I

Grade: 10-12

TEA: N1150040

Credit: 1.0

Prerequisite: Prior approval by the Athletic Trainer

Recommended Prerequisite: Medical Terminology and Principles of Health Science

Course Description: This course is an introduction to athletic training. It includes the basics of athletic training procedures, first aid and CPR.

Sports Medicine II

Grade: 10-12

TEA: N1150041

Credit: 1.0

Prerequisite: Sports Medicine I, prior approval by the Athletic Trainer

Course Description: This course is an in-depth study and application of the components of athletic training. It includes hands-on practice, time working with the sports team and after school practice time. Prior approval is needed by the Athletic Trainer to be in this course.

Sports Medicine III

Grade: 11-12

TEA: N1150044

Credit: 1.0

Prerequisite: Sports Medicine II, prior approval by the Athletic Trainer

Course Description: This course will provide a logical progression for students that have advanced through the sports medicine courses and provide them with an opportunity to apply the knowledge and skills they have gained to athletic injury recognition, evaluation, management, treatment, and rehabilitation through research investigations and applications related to sports medicine. The athletic training students will continue to perform the assigned duties and responsibilities in the operation of the athletic training room under the supervision of a licensed athletic trainer.

NAVAL JUNIOR ROTC (NJROTC)

Course Title	Grade	Credit	Prerequisite	PEIMS #
Naval Science I	9	1.0		PES00004 (03160100)
Naval Science II	10	1.0	X	03160200
Naval Science III	11	1.0	X	03160300
Naval Science IV	12	1.0	X	03160400

Naval Science I

Grade: 9-12 **TEA:**

PES00004- (03160100)

Credit: 1.0

Prerequisite: None

Course Description: This course introduces students to the responsibilities of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. The course is designed to develop an appreciation for American heritage and traditions, with recognition of the historically significant role that sea power plays in determining America's future. Topics are presented at a fundamental level.

Naval Science II

Grade:10-12

TEA: 03160200

Credit: 1.0

Prerequisite: One-year in JROTC or Naval Science I

Course Description: This course addresses the same topics that were introduced in Naval Science I, with greater emphasis on practical application of leadership and management theory. Technical subjects are covered in greater detail and working models of concepts introduced in NSI are applied to practical situations. This course also addresses the Navy's role in American History and the effect it had around the world.

Naval Science III

Grade:11-12

TEA: 03160300

Credit: 1.0

Prerequisite: Two years in JROTC or Naval Science II

Course Description: This course is a continuation of applied leadership concepts and more in-depth investigation of technical subjects. Leadership skills will be exercised on a daily basis. Cadets will begin to assume responsibility for the organization and operations of the Corps of Cadets.

Naval Science IV

Grade:12

TEA: 03160400

Credit: 1.0

Prerequisite: Three year in JROTC or Naval Science III, permission from Senior Naval Science Instructor

Course Description: This course provides practical experience in planning, organizing, and executing theories of group dynamics as leaders of the SHS Corps of Cadets. Classroom training and research projects are designed to complement and reinforce the application of leadership theories and techniques learned in previous NJROTC courses.

LANGUAGES OTHER THAN ENGLISH (LOTE)

Course Title	Grade	Credit	Prerequisite	PEIMS #
Spanish I	9-12	1.0		03440100
Spanish II	9-12	1.0	X	03440200
Spanish II Honors	9-12	1.0	X	03440200
Spanish III	10-12	1.0	X	03440300
AP Spanish Language and Culture	9-12	1.0	X	A3440100
AP Spanish Literature and Culture	10-12	1.0	Teacher Recommendation	A3440200
SPAN 2313 – Spanish for /Native/Heritage Speakers I	10-12	1.0	TSI Assessment	03440100
SPAN 2315 – Spanish for /Native/Heritage Speakers II	10-12	1.0	TSI Assessment	03440200
Dual Enrollment Spanish (TSC SPAN 2313/2315)	10-12	1.0	TSIA2 ELAR	03440300

Spanish I

Grade: 9-12

TEA: 03440100

Credit: 1.0

Prerequisite: None

Course Description: This course covers the skills of listening, speaking, reading, and writing in Spanish. Emphasis is on understanding common expressions, greetings, questions, commands, and simple conversation. The ability to give an appropriate oral response and participate in elementary conversation is stressed. Culture and language learning techniques are also an integral part of the course.

Spanish II

Grade: 9-12

TEA: 03440200

Credit: 1.0

Prerequisite: Spanish I or passing score on district administered Credit-by-Exam

Course Description: A study of the grammatical construction of the language is continued by an extensive review of concepts learned in Spanish I. The focus is on oral reading, reading comprehension, expanding vocabulary and writing brief compositions. The ability to give an appropriate oral response and participate in simple conversation is stressed. Culture and language learning techniques are also an integral part of the course.

Spanish II Honors

Grade: 9-12

TEA: 03440200

Credit: 1.0

Prerequisite: Spanish I or passing score on district administered Credit-by-Exam

Course Description: Spanish II curriculum presented with an intense approach in vocabulary (enrichment) and faster pace in grammar. Opportunity for advanced preparation in writing skills and higher level reading comprehension activities would be implemented. Instruction will be conducted fully in Spanish to increase and sharpen listening, oral, comprehension, expression, interpretation as well as writing skills.

Spanish III**Grade:** 10-12**TEA:** 03440300**Credit:** 1.0**Prerequisite:** Spanish II or passing score on district administered Credit-by-Exam

Course Description: A study of the grammatical construction of the language is continued by an extensive review of concepts learned in Spanish II. This course is primarily conducted in Spanish with a focus on language learning techniques and expanding vocabulary through listening and speaking activities. Reading comprehension and writing composition is increased through short stories, and current events.

Spanish III for Spanish Speakers**Grade:** 10-12**TEA:** 03440300**Credit:** 1.0**Prerequisite:** Spanish II or passing score on district administered Credit-by-Exam

Course Description: This course is intended for students who demonstrate a higher proficiency level in the language or have Spanish dominance. Students will work to perfect reading and writing skills, expand their vocabulary, and develop their interpretive skills through a short selective overview of Spanish literature.

Note: Students will take the Spanish IV Credit by Exam in the spring semester.

AP Spanish Language and Culture**Grade:** 9-12**TEA:** A3440100**Credit:** 1.0**Prerequisite:** Two credits in Spanish or equivalent proficiency

Course Description: This course is intended for students who use Spanish for active communication. Students enrolled in this course will develop their proficiency in all four language skills: aural/oral, reading comprehension, advanced grammar structure and composition. Emphasis will be placed on a selection of Latin American writers, with a focus on extensive reading and writing.

Note: Students are required to take the Advanced Placement exam in May.

AP Spanish Literature and Culture**Grade:** 10-12**TEA:** A3440200**Credit:** 1.0**Prerequisite:** Teacher recommendation and at least two credits in Spanish or equivalent proficiency

Course Description: Students build their language skills and cultural knowledge by exploring works of literature written in Spanish. Using Spanish to communicate, students will read, analyze, discuss, and write about works by Spanish, Latin-American, and U.S. Hispanic authors of different periods.

Note: Students are required to take the Advanced Placement exam in May.

SPAN 2313 – Spanish for Native/Heritage Speakers I**Grade:** 10-12**TEA:** 03440100**Credit:** 1.0**Prerequisite:** TSI Assessment

Course Description: This course builds upon existing oral proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

SPAN 2315 – Spanish for Native/Heritage Speakers II**Grade:** 10-12**TEA:** 03440200**Credit:** 1.0**Prerequisite:** TSI Assessment

Course Description: This course builds upon existing oral proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

Dual Enrollment - Spanish (SPAN 2313 – Spanish for Native/Heritage Speakers I & SPAN 2315 – Spanish for Native/Heritage Speakers II)**High School Credit:** Spanish III**Grade:** 10 -12**TEA:** 03440300**Credit:** 1.0**Prerequisite:** TSIA2 ELAR

Course Description: This course builds upon existing oral proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

FINE ARTS

Course Title	Grade	Credit	Prerequisite	PEIMS #
Art I	9-12	1.0		03500100
Art II Drawing	10-12	1.0		03500500
AP Art History	10-12	1.0		A3500100
AP Studio Art: 2-Dimensional Design Portfolio	11-12	1.0	Art I	A3500400
AP Studio Art: Drawing	11-12	1.0	Art I	A3500300
Theatre Arts I	9-12	1.0		03250100
Theatre Arts II	10-12	1.0		03250200
Theatre Arts III	11-12	1.0		03250300
Theatre Arts IV	11-12	1.0		03250400
Technical Theatre I	10-11	1.0		03250500
Advanced Technical Theatre	10-12	1.0		03250200, 03250300, 03250400
Choir I-IV	9-12	1.0	X	03150900, 03151000, 03151100, 03151200
Girls's Choir I-IV	9-12	1.0	X	03150900, 03151000, 03151100, 03151200
Music Composition I	9-12	1.0		03156000
Music Composition II	9-12	1.0		03156100
Estudiantina	9	1.0		03150500
Advanced Estudiantina	9-12	1.0		03150600 03150300 03150400
Orchestra	10-12	1.0		03150500 03150600 03150800
Wind Ensemble I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
Symphonic Band I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
Concert Band I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400

Instrumental Ensemble I-IV	9-12	1.0	X	03151700, 03151800, 03151900, 03152000
Beginner Guitar I	10-12	1.0		03154600
Color Guard I-IV	9-12	1.0	X	03830100, 03830200, 03830300, 03830400
Mariachi and Conjunto I-IV	9-12	1.0	X	03153800, 03153900, 03154000, 03154100
Dual Art Appreciation (TSC-ARTS 1301)	10-12	1.0	TSIA2 ELAR	03500500
Dual Music Appreciation (TSC-MUSI 1306)	10-12	1.0	TSIA2 ELAR	03155600
Dual Film Appreciation (TSC-COMM 2366)	10-12	1.0	TSIA2 ELAR	13009910
Dual Arts and Entertainment Technologies (UT-Austin OnRamps-AET 304)	11-2	2.0	none	13009910

Art I

Grade: 9-12

TEA: 03500100

Credit: 1.0

Prerequisite: None

Course Description: Art I is the foundation level for art study throughout high school. The course emphasizes the elements of art and principles of design, color theory, vocabulary, art criticism, art history, and safety in the art room with a strong foundation in design, drawing and vocabulary. This course fulfills the prerequisite for all Art 2 courses.

Art II Drawing

Grade: 10-12

TEA: 03500500

Credit: 1.0

Prerequisite: Art I

Course Description: Students will express ideas through original artworks using a variety of drawing media. They will be able to apply design skills using practical applications. The students will study historical periods as well as critique art work.

Advanced Placement Art History

Grade: 11-12

TEA: A3500100

Credit: 1.0

Prerequisite:

Course Description: Students develop an understanding and knowledge of architecture, sculpture, painting and other art forms within diverse historical and cultural contexts. Major forms of artistic expression from a variety of past and present cultures are studied. Students develop an understanding of the elements of art and fundamental art historical terminology as they learn to use intelligence and sensitivity in viewing works of art critically and analytically.

Advanced Placement Studio Art: 2-Dimensional Design Portfolio**Grade:** 11-12**TEA:** A3500400**Credit:** 1.0**Prerequisite:** Art I

Course Description: This course addresses a broad interpretation of two-dimensional (2-D) design issues. Students use purposeful decision-making to integrate the elements and principles of art as they create a portfolio to fulfill the requirements of the College Board Advanced Placement 2-Dimensional Design Portfolio.

Advanced Placement Studio Art: Drawing**Grade:** 11-12**TEA:** A3500300**Credit:** 1.0**Prerequisite:** Art I

Course Description: This course addresses a broad interpretation of drawing issues and media, including light and shade, line quality, rendering of form, composition, surface manipulation and illusion of depth. Many works of painting, printmaking, mixed media, abstracts, observational and inventive works are explored.

Theatre Art I**Grade:** 9-12**TEA:** 03250100**Credit:** 1.0**Prerequisite:** None

Course Description: This elective course is an introduction to theatre that requires the expressive use of body and voice in interpreting and performing dramatic literature. Concepts and skills in areas of acting and theatre history will be emphasized. Specific topics include pantomime, stage movement, improvisation, monologue and duet acting performance, and evaluation of theatrical experiences.

Note: Performance of scenes and monologues is the main focus of this course as well as performance in a one-act play.

Theatre Arts II**Grade:** 10-12**TEA:** 03250200**Credit:** 1.0**Prerequisite:** Theatre Arts I

Course Description: This Performance course further refines concepts and skills of acting. An integral part of this course is the performance of scenes and plays with costumes, make-up and scenery.

Theatre Arts III-IV**Grade:** 11-12**TEA:** 03250300 or 03250400**Credit:** 1.0**Prerequisite:** Audition and Theatre Arts II**Course Description:** This performance course allows the actor to refine concepts and skills through public performance.**Note:** Participation in at least one after-school performance per semester is required.**Technical Theatre I****Grade:** 10-12**TEA:** 03250500**Credit:** 1.0**Prerequisite:** Audition and Theatre Arts I**Course Description:** This is an activities-centered course combining theories of theatre safety, design, research and stage craft with the construction of technical elements of theater including make-up, costumes, props, lighting and sound.**Advanced Technical Theatre II-IV****Grade:** 10-12**TEA:** 03250200, or 03250300, or 03250400**Credit:** 1.0**Prerequisite:** Audition and Technical Theatre I**Course Description:** This course builds on the stagecraft skills and concepts developed in Technical Theatre I. Skills in designing sets will be stressed and applied for use in the three school productions. Recognition of career opportunities in theatre will be stressed.**Note:** Working at least on after-school production per semester is required.**Choir I-IV****Grade:** 9-12**TEA:** 03150900, or 03151000, or 03151200, or 03151100**Credit:** 1.0**Prerequisite:** Audition and Interview**Course Description:** This is the auditioned Varsity mixed choir class that will be chosen according to vocal and music reading abilities. This group will be required to participate in concerts and UIL activities such as Concert & Sight-reading Contest, Solo and Ensemble Contest, and All-Region Choir auditions**Girls' Choir I-IV****Grade:** 9-12**TEA:** 03150900, or 03151000, or 03151200, or 03151100**Credit:** 1.0**Prerequisite:** Audition and Interview recommendation from middle-school teacher**Course Description:** This is an auditioned choir that will be chosen according to vocal and sight-reading abilities. This group will be required to participate in concerts and UIL activities such as Concert and Sight-reading, Solo and Ensemble, and Region Treble Choir auditions.

Music Composition I and II**Grade:** 9-12**TEA:** 03156000 or 03156100**Credit:** 1.0**Prerequisite:** None

Course Description: This class explores the creative process of writing music by developing basic tools that composers use to construct music. The students will create, perform, critique, discuss and revise their own and others' work in a supportive, constructive environment.

Estudiantina**Grade:** 9**TEA:** 03150500**Credit:** 1.0**Prerequisite:** Audition and Interview recommendation from teacher

Course Description: This course provides students the ability to play instruments, but to also learn about traditional Mexican and Spanish music. The genres played in the class are ballad, ranchero, rock and cumbia.

Advanced Estudiantina**Grade:** 10-12**TEA:** 03150600 or 03150300 or 03150400**Credit:** 1.0**Prerequisite:** Estudiantina

Course Description: This course provides students the ability to play instruments, but to also learn about traditional Mexican and Spanish music. The genres played in the class are ballad, ranchero, rock and cumbia.

Orchestra**Grade:** 9-12**TEA:** 03150500**Credit:** 1.0**Prerequisite:** None

Course Description: Orchestra is offered to students with previous orchestral experience. Educational emphasis is placed on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music, and orchestral literature. Literature will contain both Classical and Popular music. Students will perform both in small group ensemble projects and as a large group.

Wind Ensemble I-I**Grade:** 9-12V**TEA:** 03150100, or 03150200, or 03150300, or 03150400**Credit:** 1.0**Prerequisite:** Audition

Course Description: The class consists primarily of upperclassmen. Advanced fundamentals and advanced levels of high school music are the focus of the class. Students are placed in this band through audition and director recommendation. Activities include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, community performances, and music theatre productions.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

Symphonic Band I-IV

Grade: 9-12

TEA: 03150100, or 03150200, or 03150300, or 03150400

Credit: 1.0

Prerequisite: Audition

Course Description: The Symphonic Band is the third most advanced band level. The class consists of students from all grade levels and focuses on fundamental skills and a variety of music. Students are placed in this band through audition and/or director recommendation. Activities include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, and community performances.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

Concert Band I-IV

Grade: 9-12

TEA: 03150100, or 03150200, or 03150300, or 03150400

Credit: 1.0

Prerequisite: Audition

Course Description: The class consists of students from all grade levels and focuses on fundamental skills and a variety of music. Students are placed in this band through audition and/or director recommendation. Activities may include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, and community performances.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

Instrumental Ensemble I-IV

Grade: 9-12

TEA: 03151700, or 03151800, or 03151900, or 03152000

Credit: 1.0

Prerequisite: Audition, Concurrent enrollment in a performance band class

Course Description: The Instrumental Ensemble course is designed for more in-depth study of instrumental music performance. The course offers individualized and differentiated instruction to students seeking extra music instruction beyond the band class. The course utilizes instrumental method books, band class selections, TMEA All-State Band audition music, and UIL Solo and Ensemble repertoire as the basis for individualized instruction.

Beginner Guitar I

Grade: 9-12

TEA: 03154600

Credit: 1.0

Prerequisite: None

Course Description: Guitar class is open to all students. Students will learn beginning acoustic guitar techniques, strumming and melodic playing techniques, as well as reading music and tablature. Students must provide their own guitar (electric or acoustic) to practice on in class and at home. Students will also be required to purchase the beginning guitar book which they will keep. Students must be willing/able to work in a large group setting and perform in public. The beginning guitar student will need to practice 20-40 minutes daily to achieve success. Anything less will achieve limited results.

Color Guard I-IV**Grade:** 9-12**TEA:** 03830100, or 03830200, or 03830300, or 03830400**Credit:** 1.0**Prerequisite:** Audition

Course Description: The SBHS Color Guard is an integral part of the San Benito High School Band, and is an expression of music through dance and guard equipment (flags, rifles, sabers). The guard continues in the spring semester as a competitive unit called Winter Guard, allowing the students to develop their skills throughout the spring semester. Dance skills are taught from a basic level to advanced skills focusing on modern dance and ballet. Attendance at all marching band and Winter Guard performances is required.

Mariachi and Conjunto Band I-IV**Grade:** 9-12**TEA:** 03153800, or 03153900, or 03154000, or 03154100**Credit:** 1.0**Prerequisite:** Audition for director

Course Description: This course is designed for those interested in continued study of learning and playing the folk music of Mexico. Students will study mariachi music through instrumental and vocal performance. Students who are instrumentalists must provide an instrument (guitar or violin) for refining instrumental performance skills. This is not a beginner mariachi class and previous experience is required.

Dual Film Appreciation (TSC-COMM 2366)	10-12	1.0	TSIA2 ELAR	
Dual Arts and Entertainment Technologies (UT-Austin OnRamps-AET 304)	11-2	2.0	none	13009910

ARTS 1301 – Art Appreciation**Dual Art Appreciation (TSC-ARTS 1301)****High School Credit:** Art II**Grade:** 10-12**TEA:** 03500500**Credit:** 1.0**Prerequisite:** TSIA2 ELAR

Course Description: This course is a general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

Dual Music Appreciation (TSC-MUSI 1306)**High School Credit:** Music Studies, Music Appreciation I**Grade:** 10-12

TEA: 03155600

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: Tune into the world of music with an exploration of historical styles, famous composers, and cultural impact. This course opens students' ears to music's role in shaping society.

Dual Film Appreciation (TSC-COMM 2366)

High School Credit: Music Studies, Music Appreciation I

Grade: 10-12

TEA:

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: Lights, camera, critical thinking! Students explore film history, genres, and cinematic techniques while analyzing how movies reflect and shape society. Great for creatives and pop culture enthusiasts alike.

Dual Arts and Entertainment Technologies (UT-Austin OnRamps-AET 304)

High School Credit: Audio/Video Production II

Grade: 10-12

TEA: 03155600

Credit: 1.0

Prerequisite: None – TSIA2 waived through UT OnRamps instructional model

Course Description: This course explores creative technologies used in film, music, video games, and interactive media. Students learn design principles and digital tools while building real-world tech and storytelling skills for careers in the creative industry.

OPPORTUNITIES FOR COLLEGE CREDIT WHILE IN HIGH SCHOOL

San Benito High School students have the opportunity to include courses in their high school graduation plan that may also apply toward college. Students can earn college credit immediately, earn credit that is awarded later, or prepare to take an advanced placement exam. **Each course taken for this purpose should be carefully selected to count towards the two or four-year degree that is appropriate to the student's area of interest.**

There are three ways a student can earn college credit for a course taken in high school:

DUAL CREDIT: San Benito High School offers students the opportunity to enroll in university courses while attending high school. This **Dual Enrollment Program** builds an academic bridge to the postsecondary level, while providing students and parents with a preview of postsecondary standards and expectations while studying in a familiar high school setting. Upon successful completion, these courses will be applied to the student's high school graduation requirements and may be applied to a postsecondary degree. Courses can be offered through a variety of options, such as by adjunct instructors at the SBHS campus or via online course delivery. SBHS students pay no tuition for dual enrollment courses.

ADVANCED PLACEMENT: Students who complete AP courses while in high school may be eligible to receive college credit based on the results of an AP end-of-course exam. All AP exams are developed and scored by the College Board. To find out the specific value of an AP exam grade at a specific college or university, visit www.collegeboard.com/ap/creditpolicy.

ADVANCED TECHNICAL CREDIT/ARTICULATED HIGH SCHOOL COURSES: A student who completes the coherent sequence of content-enhanced career technical courses in high school may be eligible for college credit after enrolling in technical programs at participating two-year colleges (articulation).

The San Benito High School Dual Credit Program

Texas Southmost College

San Benito High School College and Career Center CISD in partnership with Texas Southmost College, has made the following academic Dual Enrollment courses available to San Benito High School and Veterans Memorial Academy students for the 2025-2026 school year.

All classes are held on the San Benito High School campus and follow the Texas Southmost College -academic calendar.

Eligibility requirements are as follows:

Overall High School GPA/average of a “B” or better (This is equivalent to a 2.5 or higher GPA on a 4.0 scale)
Must satisfy TSI requirements
Submit completed registration materials by announced deadline
Students will follow a Program of Study / Degree Plan

Course Descriptions:

Dual Enrollment - Composition I (TSC - ENGL 1301)

High School Credit: English III

Grade: 11-12

TEA: 03220300

Credit: 1.0

Prerequisite: TSIA2 ELAR passing score

Course Description: Strengthen writing skills with a focus on structure, clarity, and persuasive techniques. Students will write essays based on critical reading and research—a must for college readiness across all disciplines.

Dual Enrollment - Composition II (TSC - ENGL 1302)

High School Credit: English IV

Grade: 11-12

TEA: 03220400

Credit: 1.0

Prerequisite: completion of ENGL 1301 with a minimum grade of “C”

Course Description: Builds on the fundamentals from Composition I, with a deeper dive into argumentation, literary analysis, and research. Students will strengthen their writing voice and prepare for college-level communication across disciplines.

Dual Enrollment Forms of Literature (TSC - ENGL 2341)

High School Credit: Literary Genres

Grade: 12

TEA: 03221500

Credit: 1.0

Prerequisite: completion of ENGL 1301 with a minimum grade of “C”

Course Description: Discover how poetry, drama, and prose reflect the human experience. This literary deep-dive challenges students to analyze themes and craft thoughtful critiques.

Dual Enrollment Speech (Public Speaking) (TSC-SPCH 1315)

High School Credit: Literary Genres

Grade: 12

TEA: 03241400

Credit: 0.5

Prerequisite: TSA2 ELAR

Course Description: This course develops students' confidence and effectiveness in public speaking through practice in crafting and delivering speeches. Emphasis is placed on audience analysis, speech organization, and communication ethics—skills that benefit students in any career path.

Dual Enrollment Speech (Interpersonal Communication) (TSC-SPCH 1318)

High School Credit: Literary Genres

Grade: 12

TEA: 03241200

Credit: 0.5

Prerequisite: TSA2 ELAR

Course Description: Dive into the dynamics of one-on-one communication. Students will explore verbal and nonverbal cues, conflict resolution, and relationship building—great preparation for leadership roles and real-world interactions.

Dual Enrollment College Algebra (TSC - MATH 1314)**High School Course: Algebra II****Grade:** 10-12**TEA:** 03100600**Credit:** 1.0**Prerequisite:** TSIA2 Math

Course Description: This course is in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Dual Enrollment Pre-Calculus (TSC - MATH 2412)**High School Course: Precalculus****Grade:** 11-12**TEA:** 03101100**Credit:** 1.0**Prerequisite:** Algebra I, Geometry, and MATH 1314

Course Description: A rigorous prep for calculus covering trigonometry, advanced algebra, and analytical geometry. This course is ideal for students pursuing STEM careers and builds a strong mathematical foundation for college-level math.

Dual Enrollment Calculus I (TSC - MATH 2413)**High School Course: Independent Study In Mathematics****Grade:** 12**TEA:** A3100101 03102500**Credit:** 1.0**Prerequisite:** completion of MATH 1314, MATH 1316, and MATH 1348 with a minimum grade of "C" MATH 2412

Course Description: This course covers limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas.

BIOL 1306 - Biology I**Grade:** 11-12**TEA:** 13037200***Credit:** 1.0**Prerequisite:** Biology and Chemistry and MATH 1314

Course Description: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization function, evolutionary adaptations, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. *This course is listed as *Scientific Research and Design* in the high school transcripts of students.

BIOL 1307 - Biology II**Grade:** 11-12**TEA:** 13037200***Credit:** 1.0**Prerequisite:** BIOL 1306

Course Description: The diversity of classification of life will be studied, including animals, plants, protists, fungi, and

prokaryotes. Special emphasis will be given to anatomy, ecology, and evolution of plants and animals. This course is a comparative study of form and function in animals including a survey of animal diversity and general principles of physiological mechanisms. *This course is listed as *Scientific Research and Design* in the high school transcripts of students.

PHYS 1301 - Physics I

Dual Enrollment - College Physics I (PHYS 1301/1101 – Texas Southmost College)

High School Credit: Scientific Research and Design

Grade: 11-12

TEA: 03050000

Credit: 1.0

Prerequisite: MATH 1314 and Trigonometry MATH 2412

Course Description: This course covers the fundamental principles of physics, using algebra and trigonometry: the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces.

PHYS 1317 - Physics II

Dual Enrollment - College Physics II (PHYS 1302/1102 – Texas Southmost College)

Grade: 11-12

TEA: 13037210*

Credit: 1.0

Prerequisite: PHYS 1301/1101 and MATH 1314

Course Description: This course covers the fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. *This course is listed as *Scientific Research and Design II* in the high school transcripts of students.

Dual Enrollment - Anatomy and Physiology I (BIOL 2301/2101 – Texas Southmost College)

High School Credit: Anatomy and Physiology

Grade: 10-12

TEA: 13020600

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: Explore the human body's structure, from cells and tissues to major organ systems. The lab component deepens understanding—ideal for future healthcare professionals and biology enthusiasts.

Dual Enrollment - Anatomy and Physiology II (BIOL 2302/2102 – Texas Southmost College)

High School Credit: Specialized Topics in Science (First Time Taken)

Grade: 11-12

TEA: 03060300

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A continuation of A&P I, this course covers the cardiovascular, respiratory, digestive, urinary, and reproductive systems. A must-have for students headed into nursing, kinesiology, or medical careers.

Dual Enrollment - Biology for Non-Science Majors I (BIOL 1308/1108 – Texas Southmost College)

High School Credit: Specialized Topics in Science (First Time Taken)

Grade: 10-12

TEA: 03060300

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A lecture and lab combo designed for non-science majors. Explore the basics of cell biology, genetics, and ecology with hands-on activities—perfect for curious minds not pursuing STEM fields.

Dual Enrollment - Biology for Non-Science Majors II (BIOL 1309/1109 – Texas Southmost College)

High School Credit: Specialized Topics in Science (Second Time Taken)

Grade: 11-12

TEA: 03060310

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A continuation of Biology I, this course explores evolution, biodiversity, and environmental science. Ideal for students seeking a practical, approachable science course.

Dual Enrollment - General Chemistry I (CHEM 1311/1111 – Texas Southmost College)

High School Credit: Specialized Topics in Science (First Time Taken)

Grade: 10 -12

TEA: 03060300

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: This course introduces chemical principles including atomic structure, bonding, and chemical reactions. The accompanying lab reinforces key concepts and prepares students for advanced studies in science, healthcare, or engineering.

Dual Enrollment - General Chemistry II (CHEM 1312/1112 – Texas Southmost College)

High School Credit: Specialized Topics in Science (Second Time Taken)

Grade: 10 -12

TEA: 03060310

Credit: 1.0

Prerequisite: TSIA2 ELAR and Math passing scores

Course Description: A continuation of Chemistry I, this course dives deeper into thermodynamics, kinetics, equilibrium, and electrochemistry. Lab work helps solidify theoretical concepts, making it ideal for future science majors.

HIST 1301 - United States to 1877

Dual Enrollment US History I: United States to 1877 (TSC-HIST 1301)

High School Credit: Special Topics in Social Studies (First Time Taken)

Grade: 10-12

TEA: 03380021 03380002

Credit: 1.0

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre- Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the

federal government.

HIST 1302 - United States Since 1877

Dual Enrollment US History II: United States Since 1877 (TSC-HIST 1302)

High School Credit: United States History Studies Since 1877

Grade: 11

TEA: 03340100

Credit: 1.0

Prerequisite: Reading TSI Assessment TSIA2 ELAR

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

GOVT 2305 - Federal Government

Dual Enrollment US Government (TSC-GOVT 2305)

High School Credit: United States Government

Grade: 11-12

TEA: 03330100

Credit: 1.0 0.5

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: A survey of 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.

GOVT 2306 – Texas Government

Dual Enrollment Texas Government (TSC-GOVT 2306)

High School Credit: Social Studies Advanced Studies

Grade: 11-12

TEA: 03380021

Credit: 1.0 0.5

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: A survey of 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

ECON 2301 - Principles of Macroeconomics

Dual Enrollment Economics (TSC-ECON 2301)

High School Credit: Special Topics in Social Studies / Economics

Grade: 11-12

TEA: 03310300

Credit: 1.0 0.5 / 0.5

Prerequisite: Reading TSI Assessment TSIA2 ELAR

Course Description: An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

PSYC 2301 - General Psychology

Dual Enrollment General Psychology (TSC-PSYC 2301)

High School Credit: Social Studies Advanced Studies / Psychology

Grade: 10-12

TEA: 03380001 / 03350100

Credit: 1.0

Prerequisite: Reading and Writing TSI Assessment TSIA2 ELAR

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

Dual Enrollment Introduction to Sociology (TSC-SOCI 1301)

High School Credit: Social Studies Advanced Studies / Sociology

Grade: 10-12

TEA: 03380021 / 03350100

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: Explore how society shapes individual behavior through culture, socialization, and institutions. This course encourages critical thinking about inequality, identity, and community—perfect for future social scientists and thoughtful citizens alike.

SPAN 2313 – Spanish for Native/Heritage Speakers I

Grade: 10-12

TEA: 03440100

Credit: 1.0

Prerequisite: TSI Assessment

Course Description: This course builds upon existing oral proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

SPAN 2315 – Spanish for Native/Heritage Speakers II

Grade: 10-12

TEA: 03440200

Credit: 1.0

Prerequisite: TSI Assessment

Course Description: This course builds upon existing oral proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

Dual Enrollment - Spanish (SPAN 2313 – Spanish for Native/Heritage Speakers I & SPAN 2315 – Spanish for Native/Heritage Speakers II)

High School Credit: Spanish III

Grade: 10 -12

TEA: 03440300

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: This course builds upon existing oral proficiencies of heritage speakers of Spanish. Enhances proficiencies in the home-based language by developing a full range of registers including public speaking and formal written discourse. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

ARTS 1301 – Art Appreciation

Dual Art Appreciation (TSC-ARTS 1301)

High School Credit: Art II

Grade: 10-12

TEA: 03500500

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: This course is a general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

Dual Music Appreciation (TSC-MUSI 1306)

High School Credit: Music Studies, Music Appreciation I

Grade: 10-12

TEA: 03155600

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: Tune into the world of music with an exploration of historical styles, famous composers, and cultural impact. This course opens students' ears to music's role in shaping society.

Dual Film Appreciation (TSC-COMM 2366)

High School Credit: Music Studies, Music Appreciation I

Grade: 10-12

TEA:

Credit: 1.0

Prerequisite: TSIA2 ELAR

Course Description: Lights, camera, critical thinking! Students explore film history, genres, and cinematic techniques while analyzing how movies reflect and shape society. Great for creatives and pop culture enthusiasts alike.

University of Texas - Austin

San Benito High School College and Career Center CISD in partnership with The University of Texas-Austin, has made the following Dual Enrollment courses available to San Benito High School students.

Dual Enrollment Rhetoric and Writing (UT Austin OnRamps - RHE 306)

High School Credit: English III**Grade:** 11-12**TEA:** 03220355**Credit:** 1.0**TSI Requirement:** None – TSI waived through UT OnRamps instructional model

Course Description: Develop persuasive writing and critical thinking skills through academic argumentation. This course equips students to analyze texts, build evidence-based claims, and refine their voice—perfect preparation for any college writing experience.

Dual Enrollment Topics in Writing (UT Austin OnRamps - RHE 309J)**High School Credit: English IV****Grade:** 11-12**TEA:** 03220455**Credit:** 1.0**TSI Requirement:** None – TSI waived through UT OnRamps instructional model

Course Description: An advanced writing course that takes a thematic approach—students explore a central topic while mastering research, synthesis, and rhetorical strategies.

Dual Enrollment College Algebra (M 301 – University of Texas at Austin)**High School Course: Independent Study In Mathematics****Grade:** 12**TEA:** 03102501**Credit:** 1.0**Prerequisite:** None – TSIA2 waived through UT OnRamps instructional model

Course Description: This course builds a solid foundation in algebraic concepts, focusing on functions, graphs, and problem-solving strategies. A great launchpad for students interested in business, science, or tech pathways..

Dual Enrollment - Geoscience (GEO 302E – University of Texas at Austin)**High School Credit: Earth Systems Science****Grade:** 10 -12**TEA:** 03050000**Credit:** 1.0**Prerequisite:** None (TSI waived through UT OnRamps instructional model)

Course Description: Examine Earth's processes—from volcanoes and earthquakes to climate change and ocean dynamics. Students will analyze real data and current environmental topics while learning how Earth systems interact and change over time.

Dual Arts and Entertainment Technologies (UT-Austin OnRamps-AET 304)**High School Credit: Audio/Video Production II****Grade:** 10-12**TEA:** 03155600**Credit:** 1.0**Prerequisite:** None – TSIA2 waived through UT OnRamps instructional model

Course Description: This course explores creative technologies used in film, music, video games, and interactive media. Students learn design principles and digital tools while building real-world tech and storytelling skills for careers in the creative industry.

San Benito High School College and Career Center CISD in partnership with Texas State Technical College - Harlingen, has made the following Dual Enrollment courses available to San Benito High School students.

EDTC-1301 – Educational Systems

Grade: 11, 12

TEA: 13014400

Credit: 1.0

Prerequisite: Application and Teacher Recommendation

Course Description: A study of the role and responsibilities of educational personnel with emphasis on development of professionalism and communication strategies with adults. Topics include the various codes of ethics governing the educational field, the issue of confidentiality, learners' rights and responsibilities, and challenges facing schools.

EDTC-2311 – Instructional Practices and Effective Learning Environments

Grade: 11, 12

TEA: 13014500

Credit: 1.0

Prerequisite: Application and Teacher Recommendation

Course Description: General principles for selecting developmentally appropriate strategies in core curriculum areas, planning the classroom environment, and instructional accommodations and modifications. Topics address methods for supporting instructional planning and implementation of educational goals and objectives. Also examines cooperative learning strategies.

EDTC-1341 – Instructional Technology and Computer Applications

Grade: 11, 12

TEA: N1300510

Credit: 1.0

Prerequisite: Application and Teacher Recommendation

Course Description: Examination of specialized educational technology. Topics include the integration of educational computer terminology, system operations, software, and multimedia in the contemporary classroom environment.

EDTC-2317 – Guiding Student Behavior – Classroom Management

Grade: 11, 12

TEA: 13014400

Credit: 1.0

Prerequisite: Application and Teacher Recommendation

Course Description: A study of developmentally appropriate direct and indirect guidance techniques for use in various school environments. Topics include identification of causes of inappropriate behavior, establishing and managing routines, the environment's role in promoting positive behavior, promoting self-esteem negotiation/conflict resolution strategies, and enhancing positive self-direction. Emphasis in implementation of a behavior management plan.

CRIJ 1301 - Introduction to the Criminal Justice System (*pending*)

Grade: 10-12

TEA: 13029400

Credit: 1.0

Prerequisite: TSI Assessment

Course Description: This course provides a historical and philosophical overview of the American criminal justice system, including the nature, extent, and impact of crime; criminal law; and justice agencies and processes.

Advanced Placement (AP) Courses

San Benito High School offers Advanced Placement (AP) courses to students who are ready to engage in college level course content and rigorous academics. Courses are available in English, Social Studies, Mathematics, Science, Spanish Language, and Art. The AP Program offers college level instruction to academically successful high school student with the option of taking an Advanced Placement examination and possibly qualifying for college credit. AP students are expected to work at an accelerated pace and to engage in outside reading and independent learning. AP courses are open to all students with the prerequisite coursework who wish to take on the additional challenge of advanced academics. Students who choose to enroll, however, should be prepared for the increased academic rigor of these courses. AP courses concentrate on providing students with rigorous college level academic instruction while preparing students for the AP exam associated with the course. AP courses earn weighted grade points. Students are responsible for ensuring that the college that they are planning to attend will award credit for AP examination scores.

A student shall be awarded additional grade points for scores earned on corresponding AP exams taken in grades 9-11 at the first opportunity after enrolling in the course for eligible courses in any category in accordance with the following:

Score on AP Exam	Additional Grade Points
3	1.00
4	1.50
5	2.00

Beginning with the graduating class of 2026, a student shall be awarded additional grade points for scores earned on corresponding AP exams taken in grades 9-11 at the first opportunity after enrolling in an eligible AP course in accordance with the chart above. EIC (LOCAL)

******Students enrolled in an AP course MUST take the corresponding Advanced Placement exam. ******

Advanced Placement English Language and Composition (English 3)

Grade: 11

TEA: A3220100

Credit: 1.0

Prerequisite: English 2

Course Description: Advanced Placement English Language and Composition examines major elements of nonfiction and American literature. Students read from a variety of genres that address varying historical periods, disciplines and rhetorical contexts. From these endeavors, students apply stylistic and rhetorical strategies and techniques to their own writings. Five to eight major works are required during the school year. Additionally, students prepare for the AP English Language and Composition exam, with an emphasis on writing under time constraints. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement English Literature and Composition (English 4)

Grade: 12

TEA: A3220200

Credit: 1.0

Prerequisite: English 3 or English 3 AP

Course Description: Advanced Placement English Literature and Composition includes the study of prose and poetry by British and World authors from the 16th century through contemporary times. Additionally, students prepare for the AP English Literature and Composition exam, with an emphasis on writing under time constraints. Five to eight major works are required during the school year. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Precalculus

Grade: 11, 12

TEA: 03101100

Credit: 1.0

Prerequisite: Algebra I, Geometry, Algebra II, Honors Precalculus

Course Description: This course provides more in-depth experience in the concepts of Pre-calculus. Pre-calculus is designed to provide a firm foundation for high-level mathematics courses. Topics in this college-preparatory course include functions and their graphs, conics, trigonometric identities and equations, vectors, periodic functions, trigonometric and analytic applications, concept of infinity and limit, concepts of reasoning, and logic for use with proofs. The next course is usually Calculus. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Calculus AB

Grade: 12

TEA: A3100101

Credit: 1.0

Prerequisite: Pre-calculus, Dual Enrollment Calculus

Course Description: AP Calculus AB is equivalent to the first semester of college-level Calculus. This course explores the concepts, methods, and applications of differential and integral calculus. You'll work to understand the theoretical basis and solve problems by applying your knowledge and skills. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Statistics

Grade: 11-12

TEA: A3100200

Credit: 1.0

Prerequisite: Geometry and Algebra II

Course Description: AP Statistics is built around learning about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. You'll explore statistics through discussion and activities, and you'll design surveys and experiments. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Computer Science Principles

Grade: 9-12

TEA: A3580300

Credit: 1.0

Prerequisite: Algebra I

Course Description: This course students will learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use. You'll work on your own and as part of a team to creatively address real-world issues using the tools and processes of computation. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Biology

Grade: 11-12

TEA: A3010200

Credit: 1.0

Prerequisite: Biology and Chemistry

Course Description: This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Instruction follows the AP course description and emphasizes the development of understanding concepts which allows the student to grasp science as an inquiry-based process while recognizing the unifying themes that integrate the major topics of biology. Students use open-ended activities to conduct internet research, work in collaboration with other disciplines, and integrate the history of scientists. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Chemistry

Grade: 11-12

TEA: A3040000

Credit: 1.0

Prerequisite: Chemistry and Algebra II

Course Description: Students attain a depth of understanding of the fundamentals and a reasonable competence in dealing with chemical problems. The course contributes to the development of the students' abilities to think clearly and express ideas. Labs and activities are designed to reflect the requirements of the advanced placement program. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Environmental Science

Grade: 11-12

TEA: A3020000

Credit: 1.0

Prerequisite: Biology, Chemistry, Algebra I

Course Description: This course investigates interrelationships between people and the natural world. This course integrates natural sciences, including biology, chemistry and earth science with social sciences to analyze contemporary environmental problems such as pollution, resource acquisitions, biodiversity and global warming. A strong laboratory and field investigation component is included allowing students to explore issues that affect their own lives. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Physics I

Grade: 11-12

TEA: A3050003

Credit: 1.0

Prerequisite: Algebra I, Geometry, and Algebra II concurrently

Course Description: This is an algebra-based, introductory college-level physics course taught over a full school year. The course explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introduces simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning practices. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Human Geography

Grade: 9

TEA: A3360100

Credit: 1.0

Prerequisite: Honors Geography

Course Description: AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement World History: Modern

Grade: 10

TEA: A3370100

Credit: 1.0

Prerequisite: Honors World History

Course Description: AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement US History

Grade: 11

TEA: A3340100

Credit: 1.0

Prerequisite: Honors US History

Course Description: AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Macroeconomics

Grade: 11-12

TEA: A3310200

Credit: 1.0 0.5

Prerequisite: Honors Economics

Course Description: AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement United States Government & Politics

Grade: 12

TEA: A3330100

Credit: 1.0 0.5

Prerequisite: Honors Government

Course Description: AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement European History

Grade: 11-12

TEA: A3340200

Credit: 1.0

Course Description: AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

AP Spanish Language and Culture

Grade: 9-12

TEA: A3440100

Credit: 1.0

Prerequisite: Two credits in Spanish or equivalent proficiency

Course Description: This course is intended for students who use Spanish for active communication. Students enrolled in this course will develop their proficiency in all four language skills: aural/oral, reading comprehension, advanced grammar structure and composition. Emphasis will be placed on a selection of Latin American writers, with a focus on extensive reading and writing. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the**

corresponding AP exam in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

AP Spanish Literature and Culture

Grade: 10-12

TEA: A3440200

Credit: 1.0

Prerequisite: Teacher recommendation and at least two credits in Spanish or equivalent proficiency

Course Description: Students build their language skills and cultural knowledge by exploring works of literature written in Spanish. Using Spanish to communicate, students will read, analyze, discuss, and write about works by Spanish, Latin-American, and U.S. Hispanic authors of different periods.

Note: Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Art History

Grade: 11-12

TEA: A3500100

Credit: 1.0

Prerequisite:

Course Description: Students develop an understanding and knowledge of architecture, sculpture, painting and other art forms within diverse historical and cultural contexts. Major forms of artistic expression from a variety of past and present cultures are studied. Students develop an understanding of the elements of art and fundamental art historical terminology as they learn to use intelligence and sensitivity in viewing works of art critically and analytically. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Studio Art: 2-Dimensional Design Portfolio

Grade: 11-12

TEA: A3500400

Credit: 1.0

Prerequisite: Art I

Course Description: This course addresses a broad interpretation of two-dimensional (2-D) design issues. Students use purposeful decision-making to integrate the elements and principles of art as they create a portfolio to fulfill the requirements of the College Board Advanced Placement 2-Dimensional Design Portfolio. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Advanced Placement Studio Art: Drawing

Grade: 11-12

TEA: A3500300

Credit: 1.0

Prerequisite: Art I

Course Description: This course addresses a broad interpretation of drawing issues and media, including light and shade, line quality, rendering of form, composition, surface manipulation and illusion of depth. Many works of painting, printmaking, mixed media, abstracts, observational and inventive works are explored. **Note:** Students enrolled in this Advanced Placement (AP) course are **required to take the corresponding AP exam** in May as part of the course expectations. Participation in the AP exam is essential for maintaining the rigor and integrity of the AP program and for eligibility to earn college credit.

Gifted and Talented (GT) Courses

San Benito High School offers Gifted and Talented (GT) courses to students who have been identified and accepted into the GT program. In Texas, “gifted and talented students” means a child or youth who performs at or shows the potential for performing at a remarkably high level of accomplishment when compared to others of the same age, experience, or environment and who: (1) exhibits high performance capability in an intellectual, creative, or artistic area; (2) possesses an unusual capacity for leadership; or (3) excels in a specific academic field.

The TEA assists districts in providing comprehensive services to G/T learners in the following ways:

- Provides information on best practices, developments, and achievements in the field of G/T education to all interested parties
- Develops materials designed to assist districts in the development and implementation of model assessment procedures and services
- Facilitates partnerships among parents, institutions of higher education, communities, and school districts to design comprehensive G/T services
- Sponsors demonstration projects and develops materials that support the implementation of Advanced Placement and International Baccalaureate programs that are differentiated for the G/T students
- Collaborates with business and industry to provide additional opportunities for G/T students
- Monitors and implements any state and/or federal legislation designed to provide educational opportunities for G/T students

Through the combined efforts of the TEA, the Education Service Centers, local district personnel, colleges and universities, and the communities they serve, all children will experience an academically challenging education that enables them to maximize their potential.

Gifted-Talented Interdisciplinary Study Mentorship I-IV

Grade: 9-12

TEA: N1290309, N1290313, N1290317, N1290318

Credit: 1.0

Prerequisite: GT Program Acceptance

Course Description: This course is based on the required Texas Performance Standards Project (TPSP) for gifted and talented (G/T) learners; it offers a non-traditional learning experience to students who have the ability to create innovative products and/or performances. Students will develop a product proposal, compile a portfolio, conduct in-depth research, be matched with a mentor from the professional community, and prepare for a public presentation of their portfolio, product, or performance at the end of the school year. An audience that includes expert(s) in the field will evaluate the product and/or performance. Students work with their mentor to create a related product with real-world application and tangible documentation. The final product will be shared with an audience outside the school setting.

Career and Technical Education

CAREER CLUSTERS

Agriculture, Food & Natural Resources Career Cluster

Occupations involved in this pathway are related to agriculture, the environment, and natural resources, including earth science, environmental science, marine science, plant science, and animal science. These may include: horticulturist, fish/game warden, conservationist, biological scientist, geologist, veterinarian, and production agriculture.

Architecture & Construction Career Cluster

Occupations involved in this pathway are related to designing, planning, managing, building and maintaining the built environment. These may include: Architect, Computer Aided Drafter (CAD), Planner, Surveyor, Carpenter, Electrician, Heating, Ventilation, Air Conditioning and Refrigeration (HVAC) mechanic, Painter, Plumber, or Contractor.

Arts, A/V Technology & Communication Career Cluster

Occupations involved in this pathway design, produce, exhibit, perform, write, and publish multimedia content including visual and performing arts and design, journalism, and entertainment services. These may include: video graphics, special effects, and animation, film and video editors, audio systems technician, audio/visual technicians, reporters, radio and TV announcers, photographers, interior designers, and telecommunication equipment and repair.

Business Management & Administration Career Cluster

Occupations involved in the business environment encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

These may include: Entrepreneur, Chief Executive Officer, Government Manager, Supervisor, Human Resources Manager, Sales Manager, Marketing Manager, Office Manager, and Administrative Assistant.

Education and Training Career Cluster

Occupations involved in education and training encompass planning, managing, and provide education and training services, and related learning support services. These may include: Elementary and Secondary educators, Administrators, Supervisors and Coordinators, Principals, Superintendents, Social Workers, Counselors, Teacher Aides, Librarians, and College Professors

Health Science Career Cluster

Occupations involved in health science encompass the planning, managing, and providing therapeutic services, health informatics, support services, and biotechnology research and development. These may include: Certified Nurse Assistant, Medical Assistant, Nurse, Pharmacist, Radiologist, Physician, Dentist, Admitting Clerk, Dietician, Biomedical Technician, and Quality Assurance Technician.

Hospitality and Tourism Career Cluster

Occupations involved in Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services. They may include: Restaurants & Food/Beverage Services, Lodging, Travel & Tourism, Recreation, and Amusements & Attractions.

Human Services Career Cluster

Occupations involved in human services prepare individuals for employment in career pathways that relate to families and human needs. These may include: Child Care Directors, Teacher Assistants, Clinical Psychologist, School Counselors, Social Services Worker, Cosmetologist, Funeral Morticians/Embalmers, Customer Service Representatives, and Sales Consultants.

Information Technology Career Cluster

Occupations related to information technology build linkages to IT occupations framework from entry level to professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services. These may include: Network Administrator, Systems Administrator, Network Specialist/Technician, Database Management, Desktop Publisher, Maintenance Technician, Media Specialist, Web Designer, Software Engineer, and Computer Engineer.

Law, Public Safety, Corrections and Security Career Cluster

Occupations related to law, public safety, corrections and security encompass planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services. These may include: Warden, Jail Administrator, Probation/ Parole Officer, Attorney, Emergency Management and Response Coordinator, Security Officer, Emergency Dispatcher, Police Officer, Paramedic, Private/Corporate Investigator, IT Specialist, Sheriff, Border Patrol Officer, Customs Officer, Park Ranger, Court Reporter, and Legal Assistant.

Manufacturing Career Cluster

Occupations relating to manufacturing encompass planning, managing, and performing the processing of materials into intermediate and final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering. These may include: Assembler, Machine Operator, Painter, Welder, Electronics Engineer, Quality Control Technician, Traffic Shipping and Receiving Clerk, and Safety Coordinator.

Science, Technology, Engineering, and Mathematics Career Cluster

Occupations relating to Science, Technology, Engineering, and Mathematics encompass planning, managing, and providing scientific research, and professional and technical services (e.g., physical science, social science, and engineering), including laboratory and testing services, research and development services. These may include: Aerospace Engineer, Agricultural Engineer, Architectural Engineer, Biomedical Engineer, Computer Engineer, Computer Programmer, Drafter, Electrician, Industrial Engineer, Mechanical Engineer, Project Manager, Biologist, CAD operator, Mathematician, Physicist, Science Teacher, and Statistician.

Transportation, Distribution, and Logistics Career Cluster

Occupations relating to Transportation, Distribution and Logistics encompass planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water, and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. These may include: Dispatchers, Air Traffic Controllers, Railyard Conductors, Ship/Boat Captains, Truck Drivers, Logistics Managers, Facility Managers, Aircraft Mechanics, Automotive Body Repairers, Automotive Service Technicians, Urban Planners, Compliance Inspectors, Environmental Scientists, Travel Agents, and Cargo and Freight Agents.

Career and Technical Education Programs of Study and Courses

Agriculture, Food, and Natural Resources

Principles of Agriculture, Food, and Natural Resources

TSDS PEIMS Code: 13000200 (PRINAFNR)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

Professional Standards in Agribusiness

TSDS PEIMS Code: 13000800 (PROSAFNR)

Grade Placement: 10–12

Credit: .5

Prerequisite: None

Professional Standards in Agribusiness primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

Advanced Animal Science

TSDS PEIMS Code: 13000700 (ADVANSKI)

Grade Placement: 11–12

Credit: 1

Prerequisites: 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.

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.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Small Animal Management

TSDS PEIMS Code: 13000400 (SMANIMGT)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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.

Equine Science

TSDS PEIMS Code: 13000500 (EQUINSCI)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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.

Veterinary Medical Applications

TSDS PEIMS Code: 13000600. 13000610 (LAB) (VETMEDAP, VETMEDLAB)

Grade Placement: 11–12

Credit: 1, 2

Prerequisites: Equine Science, Small Animal Management, or Livestock Production.

Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.

Livestock Production

TSDS PEIMS Code: 13000300 (LIVEPROD)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

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.

Floral Design

TSDS PEIMS Code: 13001800 (FLORAL)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

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 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.

Note: This course satisfies a fine arts credit requirement for students on the Foundation High School Program.

Advanced Plant and Soil Science

TSDS PEIMS Code: 13002100 (ADVPSSCI)

Grade Placement: 11–12

Credit: 1

Prerequisite: None

Recommended Prerequisites: 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.

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.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program

Horticulture Science

TSDS PEIMS Code: 13002000 (HORTISCI)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

Agricultural Mechanics and Metal Technologies

TSDS PEIMS Code: 13002200 (AGMECHMT)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

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

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations

Practicum in Agriculture, Food, and Natural Resources

TSDS PEIMS Code:

13002500 (First Time Taken)(PRACAFNR1)

13002510 (Second Time Taken) (PRACAFNR2)

Grade Placement: 11–12

Credit: 2

Prerequisite: None

Recommended Prerequisite: A minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.

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. 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.

Architecture and Construction**Principles of Architecture**

TSDS PEIMS Code: 13004210 (PRINARC)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

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. 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.

Principles of Construction

TSDS PEIMS Code: 13004220 (PRINCON)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

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. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Construction Technology I

TSDS PEIMS Code: 13005100 (CONTECH1)

Grade Placement: 10–12

Credit: 2

Prerequisite: None

Recommended Prerequisite: Principles of Construction or Principles of Architecture.

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. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

Construction Technology II

TSDS PEIMS Code: 13005200 (CONTECH2)

Grade Placement: 11–12

Credit: 2

Prerequisite: Construction Technology I.

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. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

Architectural Design I

TSDS PEIMS Code: 13004600 (ARCHDSN1)

Grade Placement: 10–12

Credit: 1

Prerequisites: Algebra I and English I.

Recommended Prerequisites: Geometry, Principles of Architecture, and Principles of Construction.

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 post-secondary 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.

Architectural Design II

TSDS PEIMS Code: 13004700 (ARCHDSN2)

Grade Placement: 11–12

Credit: 2

Prerequisites: Architectural Design I or Advanced Interior Design and Geometry. Recommended Prerequisites: Principles of Architecture and Principles of Construction.

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.

Computer Aided Drafting for Architecture

TSDS PEIMS Code: N1300429 (CAD4ARCH)

Grade Placement: 10–12

Credit: 1

Recommended Prerequisite: Architectural Design.

Computer Aided Drafting for Architecture introduces students to the specific architectural computer aided design and drafting (CADD) software and equipment required to produce architectural working drawings and construction documents.

Electrical Technology I

TSDS PEIMS Code: 13005600 (ELECTEC1)

Grade Placement: 10–12

Credit: 1

Prerequisite None

Recommended Prerequisites: Principles of Architecture or Principles of Construction.

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.

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I

TSDS PEIMS Code: 13005800 (HVACREF1)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Architecture, Principles of Construction, or Construction Technology I.

In Heating, Ventilation, and Air Conditioning and Refrigeration Technology I, students will gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II

TSDS PEIMS Code: 13005900 (HVACREF2)

Grade Placement: 11–12

Credit: 2

Prerequisite: Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I. Recommended Prerequisites: Principles of Architecture or Principles of Construction.

In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II, students will gain advanced knowledge and skills needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors, 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, use of tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.

Practicum in Construction Technology

TSDS PEIMS Code: 13005250 (First Time Taken) (PRACCT1)

13005260 (Second Time Taken) (PRACCT2)

Grade Placement: 12

Credit: 2

Prerequisites: Construction Technology II; Building Maintenance Technology II; Electrical Technology II; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II; Plumbing Technology I; or Mill and Cabinetmaking Technology.

In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

Arts, Audio/Video Technology, and Communications

Principles of Arts, Audio/Video Technology, and Communications

TSDS PEIMS Code: 13008200 (PRINAAVTC)

Grade Placement: 9

Credits: 1

Prerequisite: None

The goal of this course is that the student understands arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Animation I

TSDS PEIMS Code: 13008300 (ANIMAT1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None

Recommended Prerequisite: Art I or Principles of Art, Audio/Video Technology, and Communications.

Recommended Corequisite: Animation I Lab

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.

Animation II

TSDS PEIMS Code: 13008400 (ANIMAT2)

Grade Placement: 11–12

Credits: 1

Prerequisite: Animation I

Recommended Corequisite: Animation II Lab

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.

Audio/Video Production I

TSDS PEIMS Code: 13008500 (AVPROD1)

Grade Placement: 9–12

Credits: 1

Prerequisite: None

Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications. Recommended Corequisite: Audio/Video Production I Lab.

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 products.

Audio/Video Production II

TSDS PEIMS Code: 13008600 (AVPROD2)

Grade Placement: 10–12

Credits: 1

Prerequisite: Audio/Video Production I

Recommended Corequisite: Audio/Video Production II Lab

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

Commercial Photography I

TSDS PEIMS Code: 13009100 (CPHOTO1)

Grade Placement: 9–12

Credits: 1

Prerequisite: None

Recommended Corequisite: Commercial Photography I Lab

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 commercial photography industry with a focus on creating quality photographs.

Commercial Photography II

TSDS PEIMS Code: 13009200 (CPHOTO2)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

Recommended Prerequisites: Commercial Photography I and Commercial Photography I Lab. Recommended Corequisite: Commercial Photography Lab II.

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 commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Graphic Design and Illustration I

TSDS PEIMS Code: 13008800 (GRAPHDI1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None

Recommended Prerequisite: Principles of Arts, Audio/Video Technology, and Communications. Recommended Corequisite: Graphic Design and Illustration I Lab.

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.

Graphic Design and Illustration II

TSDS PEIMS Code: 13008900 (GRAPHDI2)

Grade Placement: 10–12

Credits: 1

Prerequisite: Graphic Design and Illustration I

Recommended Corequisite: Graphic Design and Illustration II Lab

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 advanced elements and principles of visual art and design.

Professional Communications

TSDS PEIMS Code: 13009900 (PROFCOMM)

Grade Placement: 9–12

Credits: .5

Prerequisite: None

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.

Practicum in Audio/Video Production

TSDS PEIMS Code:

13008700 (First Time Taken) (PRACAVP1)

13008710 (Second Time Taken) (PRACAVP2)

Grade Placement: 11–12

Credits: 2

Prerequisites: Audio/Video Production II and Audio/Video Production II Lab.

Building upon the concepts taught in Audio/Video Production II and its corequisite 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.

Digital Design and Media Production

TSDS PEIMS CODE: 03580400 (TADGMP)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Digital Design and Media Production 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. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Business Marketing and Finance

Principles of Business, Marketing, and Finance

TSDS PEIMS Code: 13011200 (PRINBMF)

Grade Placement: 9–11

Credits: 1

Prerequisite: None

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, 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.

Business Management

TSDS PEIMS Code: 13012100 (BUSMGT)

Grade Placement: 10–12

Credits: 1

Prerequisite: None

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.

Business Information Management I

TSDS PEIMS Code: 13011400 (BUSIM1)

Grade Placement: 9–12

Credits: 1

Prerequisite: None

Recommended Prerequisite:

Recommended Corequisite: Business Lab.

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.

Business Information Management II

TSDS PEIMS Code: 13011500 (BUSIM2)

Grade Placement: 10–12

Credits: 1

Prerequisite: Business Information Management I.

Recommended Prerequisite: Touch System Data Entry.

Recommended Corequisite: Business Lab.

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

Virtual Business

TSDS PEIMS Code: 13012000 (VIRTBUS)

Grade Placement: 10–12

Credits: .5

Prerequisite: None

Recommended Prerequisites: Touch System Data Entry.

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.

Human Resources Management

TSDS PEIMS Code: 13011900 (HRMGT)

Grade Placement: 11–12

Credits: .5

Prerequisite: None

Human Resources Management is designed to familiarize students with the concepts related to human resource management, including legal requirements, recruitment, employee selection methods, and employee development and evaluation. Students will also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and the impact of global events on human resources management.

Sports and Entertainment Marketing

TSDS PEIMS Code: 13034600 (SPORTSEM)

Grade Placement: 9–12

Credit: .5

Prerequisite: None. Recommended Prerequisite: Principles of Business, Marketing, and Finance.

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

Sports and Entertainment Marketing II

TSDS PEIMS Code: N1303422 (SPORTEM2)

Grade Placement: 10–12

Credits: 0.5

Prerequisite: Sports and Entertainment Marketing. Recommended prerequisite: Principles of Business, Marketing, and Finance.

Sports and Entertainment Marketing II is an advanced course designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans needed for sports and entertainment events. The course also supports career development skills and explores career options. Academic skills (mathematics, science, English, and history/social science) related to the content are a part of this course.

Practicum in Business Management

TSDS PEIMS Code: 13012200 (First Time Taken) (PRACBM)

13012210 (Second Time Taken) (PRACBM2)

Grade Placement: 11–12

Credits: 2

Prerequisite: None

Recommended Prerequisites: Touch System Data Entry and Business Management or Business Information Management II.

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.

Money Matters

TSDS PEIMS Code: 13016200 (MONEYM)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Recommended Prerequisites: Principles of Business, Marketing, and Finance.

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.

Securities and Investments

TSDS PEIMS Code: 13016400 (SECINV)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Business, Marketing, and Finance.

In Securities and Investments, students will understand the laws and regulations to manage business operations and transactions in the securities industry.

Accounting I

TSDS PEIMS Code: 13016600 (ACCOUNT1)

Grade Placement: 10–12

Credit: 1

Prerequisites: None

Recommended Prerequisites: Principles of Business, Marketing, and Finance.

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. Accounting includes such activities as bookkeeping, systems design, analysis, and interpretation of accounting information.

Financial Mathematics

TSDS PEIMS Code: 13018000 (FINMATH)

Grade Placement: 10–12

Credit: 1

Prerequisite: Algebra I

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.

Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

Entrepreneurship I

TSDS PEIMS Code: 13011101

Credit: 1 Prerequisite: None.

Prerequisite: None.

Recommended Prerequisites: Principles of Business, Marketing, and Finance.

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development

Education and Training

Principles of Education and Training

TSDS PEIMS Code: 13014200 (PRINEDTR)

Grade Placement: 9–10

Credit: 1

Prerequisite: None

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.

Child Development

TSDS PEIMS Code: 13024700 (CHILDDDEV)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Human Services.

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.

Instructional Practices

TSDS PEIMS Code: 13014400 (INPRAC)

Grade Placement: 11–12

Credit: 2

Prerequisite: None

Recommended Prerequisites: Principles of Education and Training and Human Growth and Development.

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

Practicum in Education and Training

TSDS PEIMS Code: 13014500 (First Time Taken) (PRACEDT1)

13014510 (Second Time Taken) (PRACEDT2)

Grade Placement: 12

Credit: 2

Prerequisite: Instructional Practices

Recommended Prerequisites: Principles of Education and Training and Human Growth and Development.

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 person. **Health Science**

Principles of Health Science

TSDS PEIMS Code: 13020200 (PRINHLSC)

Grade Placement: 9–10

Credit: 1

Prerequisite: None

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.

Medical Terminology

TSDS PEIMS Code: 13020300 (MEDTERM)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

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.

Health Science Theory

TSDS PEIMS Code: 13020400 (HLTHSCI)

Grade Placement: 10–12

Credit: 1

Prerequisites: Biology

Recommended Corequisite: Health Science Clinical

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.

Practicum in Health Science

TSDS PEIMS Code: 13020500 (First Time Taken) (PRACHLS1)
13020510 (Second Time Taken) (PRACHLS2)

Grade Placement: 11–12

Credit: 2

Prerequisites: Health Science Theory and Biology

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Health Science Theory/Health Science Clinical

TSDS PEIMS Code: 13020410 (HLSCLIN)

Grade Placement: 10–12 Credit: 2

Prerequisites: Biology.

Corequisite: Health Science Theory.

The Health Science Clinical 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. Districts are encouraged to offer this course in a consecutive block with Health Science Theory to allow students sufficient time to master the content of both courses.

Anatomy and Physiology

TSDS PEIMS Code: 13020600 (ANATPHYS)

Grade Placement: 10–12

Credit: 1

Prerequisite: Biology and a second science credit

Recommended Prerequisite: A course from the Health and Science Career Cluster

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.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Kinesiology I

TSDS PEIMS Code: N1302104 (KINES1)

Grade Placement: 9–10

Credit: 1

Prerequisites: None.

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.

Kinesiology II

TSDS PEIMS Code: N1302124 (KINES2)

Grade Placement: 11-12

Credit: 1

Recommended prerequisite: Kinesiology I.

The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. The course is designed to allow students to advance their understanding of professional standards, employability skills, and ethical and legal standards. Throughout this course, students explore the healthcare/exercise business model and gain an understanding of therapeutic sports psychology. Students develop proper aerobic fitness programs and rehabilitation programs. Kinesiology II prepares students for an industry certification exam such as Certified Personal Trainer.

Hospitality and Tourism

Introduction to Culinary Arts

TSDS PEIMS Code: 13022550 (INCULART)

Grade Placement: 9–10

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Hospitality and Tourism.

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

Culinary Arts

TSDS PEIMS Code: 13022600 (CULARTS)

Grade Placement: 10–12

Credit: 2

Prerequisite: None.

Recommended Prerequisites: Principles of Hospitality and Tourism and Introduction to Culinary Arts

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques.

Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Advanced Culinary Arts

TSDS PEIMS Code: 13022650 (ADCULART)

Grade Placement: 10–12

Credit: 2

Prerequisite: Culinary Arts

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in- depth instruction of industry-driven standards to prepare students for success in higher education, certifications, and/or immediate employment.

Practicum in Culinary Arts

TSDS PEIMS Code: 13022700 (First Time Taken) (PRACCUL1)

13022710 (Second Time Taken) (PRACCUL2)

Grade Placement: 11–12

Credit: 2

Prerequisite: Culinary Arts

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

Principles of Cosmetology Design and Color Theory

TSDS PEIMS Code: 13025050 (PRICOSMO)

Grade Placement: 9–10

Credit: 1

Prerequisites: None

Recommended Prerequisite: Principles of Human Services

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.

Introduction to Cosmetology

TSDS PEIMS Code: 13025100 (INTCOSMO)

Grade Placement: 10

Credit: 1

Prerequisite: None

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.

Cosmetology I

TSDS PEIMS Code: 13025200 (COSMET1)

Grade Placement: 10–11

Credit: 2

Recommended Prerequisite: Introduction to Cosmetology

Recommended Corequisite: Cosmetology I Lab

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.

Cosmetology I/Cosmetology I Lab

TSDS PEIMS Code: 13025210 (COSLAB1)

Grade Placement: 10-11

Credits: 1

Recommended prerequisite: Introduction to Cosmetology

This course must be taken concurrently with Cosmetology I and may not be taken as a stand-alone course. Districts are encouraged to offer this lab in a consecutive block with Cosmetology I to allow students sufficient time to master the content of both courses.

Cosmetology I/Cosmetology I Lab provides students additional lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned in Cosmetology I with little to no guidance.

Cosmetology II

TSDS PEIMS Code: 13025300 (COSMET2)

Grade Placement: 11–12

Credit: 2

Prerequisite: Cosmetology I

Recommended Corequisite: Cosmetology II Lab

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.

Cosmetology II/Cosmetology II Lab

TSDS PEIMS Code: 13025310 (COSLAB2)

Grade Placement: 11-12

Credits: 1

Prerequisites: Cosmetology I/Cosmetology I Lab

This course must be taken concurrently with Cosmetology II and may not be taken as a stand-alone course. Districts are encouraged to offer this lab in a consecutive block with Cosmetology II to allow students sufficient time to master the content of both courses.

Cosmetology II /Cosmetology II Lab provides students additional lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students are expected to develop proficient and mastery level work samples and to expand their work experiences.

Information Technology

Principles of Information Technology

TSDS PEIMS Code: 13027200 (PRINIT)

Grade Placement: 9–10

Credit: 1

Prerequisites: None

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.

Computer Maintenance/Computer Maintenance Lab

TSDS PEIMS Code: 13027310 (COMMTLAB)

Grade Placement: 10–12

Credit: 2

Prerequisite: None

Recommended Prerequisite: Principles of Information Technology

Corequisite: Computer Maintenance

In Computer Maintenance Lab, 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. Districts are encouraged to offer this course in a consecutive block with Computer Maintenance to allow students sufficient time to master the content of both courses.

Practicum in Information Technology

TSDS PEIMS Code:

13028000 (First Time Taken) (PRACIT1)

13028010 (Second Time Taken) (PRACIT2)

Grade Placement: 12

Credit: 2

Prerequisite: A minimum of two high school information technology (IT) courses.

In the Practicum in Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

Computer Maintenance

TSDS PEIMS Code: 13027300 (COMPMTN)

Grade Placement: 10–12

Credit: 1 Prerequisite: None.

Recommended Prerequisite: Principles of Information Technology.

Recommended Corequisite: Computer Maintenance Lab.

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.

Foundations of Cyber Security

TSDS PEIMS Code: 03580850

Grade Placement: 9–12

General requirements. Students shall be awarded one credit for successful completion of this course. This course is recommended for students in Grades 9-12.

Networking

TSDS PEIMS Code: 13027400 (NETWRK)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Recommended Prerequisites: Principles of Information Technology, Computer Maintenance, and Computer Maintenance Lab.

Recommended Corequisite: Networking Lab.

In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices 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.

Networking/Networking Lab

TSDS PEIMS Code: 13027410 (NETWRLAB)

Grade Placement: 10–12

Credit: 2

Prerequisite: None.

Recommended Prerequisites: Principles of Information Technology, Computer Maintenance, and Computer Maintenance Lab.

Corequisite: Networking.

In Networking Lab, students will develop knowledge of the concepts and skills related to telecommunications and data networking technologies and practices to apply them to personal or career development. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. This course must be taken concurrently with Networking and may not be taken as a stand-alone course. Districts are encouraged to offer this course in a consecutive block with Networking to allow students sufficient time to master the content of both courses.

Law, Public Safety, Corrections, and Security

Principles of Law, Public Safety, Corrections, and Security

TSDS PEIMS Code: 13029200 (PRINLPCS)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

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.

Law Enforcement I

TSDS PEIMS Code: 13029300 (LAWENF1)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security.

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.

Law Enforcement II

TSDS PEIMS Code: 13029400 (LAWENF2)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Law Enforcement I.

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

Criminal Investigation

TSDS PEIMS Code: 13029550 (CRINVEST)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security.

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

Forensic Science

TSDS PEIMS Code: 13029500 (FORENSCI)

Grade Placement: 11–12

Credit: 1

Prerequisites: Biology and Chemistry

Recommended Prerequisite or Corequisite: Any Law, Public Safety, Corrections, and Security Career Cluster course.

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 and understand that scientific methods of investigation can be experimental, descriptive, or comparative.

Federal Law Enforcement and Protective Services

TSDS PEIMS Code: 13029800 (FEDLEPS)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security.

Federal Law Enforcement and Protective Services provides the knowledge and skills necessary to prepare for certification in security services for federal law enforcement and protective services. The course provides an overview of security elements and types of organizations with a focus on security measures used to protect lives, property, and proprietary information, to ensure computer security, to provide information assurance, and to prevent cybercrime.

Correctional Services

TSDS PEIMS Code: 13029700 (CORRSRVS)

Grade Placement: 10–12

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security.

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.

Manufacturing

Introduction to Welding

TSDS PEIMS Code: 13032250 (INTRWELD)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Recommended Prerequisite or Corequisite: Algebra I

Introduction to Welding will introduce 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. 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.

Welding I

TSDS PEIMS Code: 13032300 (WELD1)

Grade Placement: 10–12

Credit: 2

Prerequisite: None

Recommended Prerequisites: Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding.

Welding I provide 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.

Welding II Lab

TSDS PEIMS Code: 13032410 (WELDLAB2)

Grade Placement: 11–12

Credit: 3

Prerequisites: Welding I

Corequisites: Welding II

Welding II Lab introduces 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.

Practicum in Manufacturing

TSDS PEIMS Code: 13033000(First Time Taken) (PRACMAN1)
13033010(Second Time Taken) (PRACMAN2)

Grade Placement: 12

Credit: 2

Prerequisite: None

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.

Transportation, Distribution

Principles of Transportation Systems

TSDS PEIMS Code: 13039250 (PRINTRSY)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Automotive Basics

TSDS PEIMS Code: 13039550 (AUTOBASC)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. It includes applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Automotive Technology I: Maintenance and Light Repair

TSDS PEIMS Code: 13039600 (AUTOTEC1)

Grade Placement: 9–12

Credit: 2

Prerequisite: None

Recommended Prerequisites: Automotive Basics

Automotive Technology I: 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 I: 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.

Automotive Technology II: Automotive Service

TSDS PEIMS Code: 13039700 (AUTOTEC2)

Grade Placement: 11–12

Credit: 2

Prerequisites: Automotive Technology I: Maintenance and Light Repair

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.

Small Engine Technology I

TSDS PEIMS Code: 13040000 (SMENTEC1)

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide training for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems. In addition, the student will receive instruction in safety, academic, and leadership skills as well as career opportunities.

Small Engine Technology II

TSDS PEIMS Code: 13040100 (SMENTEC2)

Grade Placement: 10–12

Credit: 2

Prerequisite: Small Engine Technology I.

Small Engine Technology II includes advanced knowledge of the function, diagnosis, and service of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide hands-on and practical application for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and small engine overhauls. In addition, students will receive instruction in safety, academic, and leadership skills as well as career opportunities.

Collision Repair

TSDS PEIMS Code: 13039800 (COLLISR)

Grade Placement: 10–12

Credit: 2

Prerequisite: None

Recommended Prerequisites: Basic Collision Repair and Refinishing

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.

Paint and Refinishing

TSDS PEIMS Code: 13039900 (PAINTREF)

Grade Placement: 10–12

Credit: 2

Prerequisite: None

Recommended Prerequisites: Basic Collision Repair and Refinishing or Collision Repair.

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.

Practicum in Transportation Systems

TSDS PEIMS Code: 13040450 (First Time Taken) (PRACTRS1)

13040460 (Second Time Taken) (PRACTRS2)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

Fundamentals of Computer Science

TSDS PEIMS Code: 03580140

Grade Placement: 9–12

Credit: 1

Prerequisite: None

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

AP Computer Science Principles

TSDS PEIMS Code: A3580300

Grade Placement: 9–12

Credit: 1

Prerequisite: None

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Principles of Biomedical Science (PLTW)

TSDS PEIMS Code: N1302092

Grade Placement: 9–12

Credit: 1

Prerequisite: None

The Principles of Biomedical Science (PBS)- PLTW course provides an introduction to biomedical science through hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems.

Human Body Systems (PLTW)

TSDS PEIMS Code: N1302093

Grade Placement: 9–12

Credit: 1

Prerequisite: None

In the Project Lead The Way [PLTW] Human Body Systems (HBS) course, students examine the interactions of body systems as they explore deeply biological identity, communication, power, movement, protection, and homeostasis. Through individual and team activities, projects, and problems, students design experiments, investigate the structures and function of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiration.

Career Preparation I

3 Credits

PEIMS Number: 12701300

Grade: 11-12

- Prerequisite:

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

*** This class is year round (36 weeks) and meets every day. Credit is awarded as follow:**

1 credit = classroom instruction

1 credit = 10-14 hours of work based learning experience

*** This class is year round (36 weeks) and meets every day. Credit is awarded as follow:**

1 credit = classroom instruction

2 credits = 15+ hours of work based learning experience.

***Career Preparation II**

3 Credits

PEIMS Number: 12701400

Grades: 12

- Prerequisite: Career Preparation I

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

*** This class is year round (36 weeks) and meets**

everyday. Credit is awarded as follow: 1

credit = classroom instruction

1 credit = 10-14 hours of work based learning experience ** This class is year round (36 weeks) and meets everyday. Credit is awarded as follow: 1 credit = classroom instruction

2 credits = 15+ hours of work based learning experience.

Compensatory Education

Compensatory Education offers supplemental courses or services designed to improve the educational achievement of students who have been identified as at-risk (for dropping out of school or not thriving in school). These services or courses are designed to provide intensive or accelerated instruction to enable students to perform at the enrolled grade level in order to graduate. In selecting students to participate in a Compensatory Program, SBCISD uses student performance data from basic skills assessments, classroom performance and the results of the STAAR/EOC exams. Based on information from these sources, students are offered and/or placed in services designed to enhance learning opportunities. The following are courses and services available to secondary students:

1. Counseling for Personalized Graduation Plans (PGP)
2. Edgenuity
3. ESOL Support
4. Extended Day Tutorials
5. Saturday Academies
6. Monitoring - Weekly Reports
7. Pregnancy Related Services
8. Reading
9. Practical Writing
10. Research Technical Writing
11. Subject Area Tutoring
12. Summer Academic Credit Recovery
13. EOC Summer Academy
14. Math EOC Prep (Local Credit)
15. Biology EOC Prep (Local Credit)

MATH EOC Prep (Local Credit)

MATH EOC Prep: is a course designed to extend Algebra 1 instruction. The purpose of this course is to give students struggling in math extra time and to allow the teacher to provide extra activities and alternative methods to ensure student mastery of all TEKS presented in Algebra 1. It also allows more time for EOC preparation.

BIOLOGY EOC Prep (Local Credit)

Biology EOC Prep: Is a course designed to extend Biology instruction. The purpose of this course is to give students struggling in science extra time and to allow the teacher to provide extra activities and alternative methods to ensure student mastery of all TEKS presented in Biology. It also allows more time for EOC preparation.

Practical Writing

Practical Writing is a course designed to extend English I instruction. The purpose of this course is to provide support for those students who did not meet expectations on their seventh-grade writing STAAR exam. It allows more time for EOC preparation.

Reading

Reading is a course designed to extend English I instruction. The purpose of this course is to provide support for those students who did not meet expectations on their eighth-grade Reading STAAR exam. It allows more time for EOC preparation.

Research Technical Writing

Research Technical Writing is a course designed to remediate English I and English II instruction. The purpose of this course is to provide support for those students who did not meet expectations on their English I and/or English II EOC. It allows more time for EOC preparation.

Special Education

San Benito CISD seeks to provide students with disabilities valuable educational experiences that prepare them for the future. Each student has the opportunity to participate in an appropriate educational setting designed to meet his/her individual needs. Services are provided in the least restrictive environment that allow access to the general education curriculum and instruction with non-disabled peers to the extent that is appropriate for the student. The Special Education department provides a full continuum of services to meet student needs. The educational setting and services for secondary students with disabilities are provided upon the recommendation of the Admission Review Dismissal (ARD) Committee.

Multidisciplinary Endorsement Information: A student may earn an endorsement on the student's diploma and transcript by successfully completing curriculum requirements for that endorsement adopted by the State Board of Education by rule. The State Board of Education by rule shall provide students with multiple options for earning each endorsement, including, to the greatest extent possible, coherent sequences of courses. The State Board of Education by rule must permit a student to enroll in courses under more than one endorsement curriculum before the student's junior year.

An endorsement under this subsection may be earned in any of the following categories:

(5) multidisciplinary studies, which allows a student to:

(A) select courses from the curriculum of each endorsement area described by Subdivisions (1) through (4); and

(B) earn credits in a variety of advanced courses from multiple content areas sufficient to complete the distinguished level of achievement under the foundation high school program

Sanitation and Safety (Local Credit)

TSDS PEIMS Code: 85000100

Grade Placement: 10th

Prerequisite: Placement in this course is determined by the ARD/IEP Committee

The Sanitation and Safety course teaches students the skills and knowledge necessary to follow good sanitation practices through hands-on experiences. This course focuses on identifying potential causes for food contamination, potentially hazardous foods, and dangers of foodborne illness. Upon completion of this course, the student will be able to identify and practice food safety and sanitation procedures in the kitchen.

Nutritional Plate (Local Credit)

TSDS PEIMS Code: 85000101

Grade Placement: 11th

Prerequisite: Placement in this course is determined by the ARD/IEP Committee

Nutritional Plate assists students with disabilities in understanding the role of nutrition in health and wellness. Through this course, students are able to participate in hands-on food labs, guided instruction and cooperative learning. Students will be given the opportunity to have the necessary skills to identify factors that influence nutrition and wellness practices across the life span. Ultimately, students will be able to identify what a nutritional meal consists of. Students will learn the following food categories: Fruit, grain, protein, dairy and vegetables.

Floristry Basics (Local Credit)

TSDS PEIMS Code: 85000301

Grade Placement: 11

Prerequisite: Placement in this course is determined by the ARD/IEP Committee

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 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.

Job Readiness I (Local Credit)

TSDS PEIMS Code: 85000203

Grade Placement: 12th

Prerequisite: Placement in this course is determined by the ARD/IEP Committee

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.

Job Readiness II (Local Credit)

TSDS PEIMS Code: 85000203

Grade Placement: 12th

Prerequisite: Placement in this course is determined by the ARD/IEP Committee

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.

SAMPLE Course Sequence as determined by ARD/IEP Committee

9th Grade	Service ID	10th Grade	Service ID
English I	03220107	English II	03220207
Algebra I	03100500	Geometry	03100700.70
World Geography	03320100.70	World History	03340400.70
Biology	03010207	IPC	03060201.70
Foundations of Personal Fitness (PE 1)	PES00052	Foundations of Personal Fitness (PE 2)	
Business Information Management I	13011400	Sanitation and Safety	85000100
Reading I	03270700	Communication Technology	84700100
<i>Fine Arts Elective</i>		<i>Fine Arts Elective</i>	
<i>CTE Elective</i>		<i>CTE Elective</i>	

11th Grade	Service ID	12th Grade	Service ID
English III	03220300.70	English IV	03220400.70
Math Models	03102400.70	Government/ Economics	03330100.70 03310300.70
Chemistry	03040000.70	Foundations of Personal Fitness (PE 4)	
US History	03340107	Nutrition Plate II	85000102
Foundations of Personal Fitness (PE 3)		Basis of Finance	84100100
Nutrition Plate I	85000101	Job Readiness II	85000202
Communication Technology II	84700101	Employability and Communication Skills	84700100
Job Readiness	85000201	Floristry Basics II	85000302
Floristry Basics	85000301	Elements of Landscaping and Gardening	85000302

STRIVES

Grade Placement: 18 +

Prerequisite: Placement in this course is determined by the ARD/IEP Committee

STRIVES (Students Training and Reaching for Independent Viable Employability Skills) is a service and support option on a continuum designed to meet the diverse needs of students with disabilities that impact their ability to obtain and maintain employment. Students in STRIVES range from the ages of 18-21. These students have completed all credit/curriculum/ state assessment requirements for graduation. Instruction and modifications address the learning styles and needs of the students. Specific vocational coursework is required and designed to meet the needs of those students who require special assistance in gaining employability and self-help skills. The students will be able to increase independent living skills, learning academic and functional skills needed to meet post-secondary goals, and build a sustainable adult scheduled and promote independence.

Bilingual Program Services

ESOL English for Speakers of Other Languages

The goal of the Department of Other Languages is to provide courses for English Language Learners (ELLs) that help them rapidly acquire the English skills necessary for success:

- in the general education setting
- in content courses
- on state-mandated testing
- for post-secondary opportunities

Upon enrolling in San Benito CISD, students whose Home Language Survey indicates a language other than English are sent to the campus ESOL Lead Teacher for an evaluation of their oral and written English proficiency. High School ELLs who score at the non- English speaking level on an oral proficiency test are assigned to a FILAS Program to participate in an accelerated English language program. Other secondary ELLs are scheduled into appropriate classes based on their English proficiency. All placement and testing recommendations for ELLs are made by the Language Proficiency Assessment Committee (LPAC).

Gifted and Talented Program Services

Gifted/Talented Program Services

The Gifted/Talented program addresses the special interests, needs, and abilities of gifted learners through the differentiation of content, process, product and learning environment.

Students can be recommended for GT testing by self, parents or teachers. The State of Texas requires that both quantitative (standardized test) and qualitative (subjective) instruments be used to determine placement. The Campus Selection Committee will evaluate quantitative and qualitative results to determine placement.

General Information about Credits

Awarding of Credit

High school graduation course credit may be earned only if the student receives a grade equivalent to or higher than 70 on a 100-point scale, based upon the essential knowledge and skills of each course. A student who successfully completes only one semester of a two-semester course is awarded partial credit. However, for full year courses required for graduation, students must earn the remaining credit through a credit restoration method.

Denial of Credit

Students must be in attendance at least 90 percent of the time a class is in session to receive credit. (Texas Education Code 25.092). When attendance falls below 90 percent of the days the class is offered, after consideration of absences labeled as due to extraordinary circumstances, the student and parent(s) shall be notified in writing. The principal and/or campus Attendance Review Committee shall hear all cases where a student's attendance has fallen below 90 percent and an appeal has been filed in writing. To receive credit, the principal and/or Attendance Review Committee may assign one or more alternative learning activities to make up work missed or credit lost.

NOTE: The principal reviews all attendance cases between 75 - 90%; the Attendance Review Committee considers cases below 75%.

Ways to Earn Credits

Original credit is earned when a student takes a course for the first time and successfully meets the course requirements to earn a passing semester or yearly average. Recovery credit is earned when a student retakes a course for which credit was not awarded the first time because of a failing semester/yearly average. The recovery may occur by retaking the entire course in its standard format or by retaking it in an alternate format. Several of the ways to earn credit described below can be used for either original or recovery credit. The school counselor must be consulted before a final decision is made about how to earn the credit.

Fall and Spring Semesters, Grades 9 – 12 (Credit Recovery)

Students can earn all 26 required graduation credits for the Foundation High School Program + Endorsement by successfully completing required courses during the school day.

San Benito Summer Academic Term

San Benito CISD offers students an opportunity to recover credits for core classes and the opportunity to prep for a STAAR EOC exam prior to testing.

Credit By Examination Without Prior Instruction (CBE)

Secondary students (grades 6-12) may gain credit for a course without prior instruction by taking a Credit by Examination. Students are required to have written permission. Foreign language courses (LOTE) may only gain credit in grades 8-12.

A minimum score of 80 on the exam is required for credit to be earned. For two-semester courses, the average of both semester exams must be 80 or greater. If credit is awarded, then both exam scores are recorded on the student's transcript. CBE scores will not be calculated in the student's GPA.

No **Pre AP** **Honors**/AP credit can be earned through Credit by Exam.

Contact your School Counselor for more information or to receive an application.

Credit By Examination With Prior Instruction

Credit by Examination with Prior Instruction for credit recovery is only for San Benito CISD students who were enrolled in a core course during the previous school year and whose grade for the course was between 60 and 69, or if the Campus Attendance Committee requires the exam due to excessive absences[see EEJA(Regulation) A student may regain a maximum of two credits through Credit by Examination with Prior Instruction during high school. Students must score 70 percent or above on the examination. The exams allow qualified students the opportunity to replace the failing grade with a 70. This is the grade recorded on the student's transcript and will count in the calculation of GPA. Contact the school counselor for more information or to receive an application.

Out of District Summer Term (Original Credit)

All summer school course work for original credit requires prior approval of the principal/designee. Requests to take courses outside of SBCISD should be analyzed as follows:

- Is the provider an accredited public, private or parochial school?
- If not, does any Texas ISD (or school district in another state within which the program is located) accept the course for credit?
- Does the student receive an official grade and grade report?
- Does the scope/sequence of the course match the course as offered in SBCISD?
- Does the required time for the course match or exceed that of SBCISD summer term?

For unique requests, it is the responsibility of the student/parent to provide program information to help the principal/designee make a decision regarding approval. If using this rubric does not yield a decision, the Secondary and Curriculum Director is the contact person for questions regarding summer offerings for advanced courses.

Exploring Post-Secondary Options

In addition to online resources and those available from the **College and Career Go Center** **College, Career, and Military Center** at the high school campus, SBCISD offers several venues to assist in planning for post-secondary pursuits:

1. College Fair (Seniors in September / Juniors in May) gives students an opportunity to visit with representatives from colleges, universities, and training programs throughout the United States.
2. Financial Information Night (January) covers information related to financial need and explores such topics as completing the FAFSA

NCAA Requirements

Students interested in pursuing opportunities in college athletic programs are required by the NCAA to have specific core courses for Division I and II schools. The core course requirements for the Texas Recommended and Distinguished high school graduation programs are aligned with the NCAA required core courses; however, interested students must consult the NCAA website for current information as they create/revise their high school four year plans. Visit www.ncaa.org, click on “Rules Compliance” and then “Eligibility”. Please read “Becoming Eligible” for more information.

Texas Success Initiative (TSI) Requirements

In order to determine the readiness of entering college students to enroll in freshman-level academic coursework, including though dual enrollment, institutions of higher education must assess the academic skills of entering students in reading, writing, and math.

(If a student fails to meet the assessment standards in any area, the institution of higher education will work with the student to develop a plan to assist the student in becoming ready to perform freshman-level academic coursework. This will most likely be done through “developmental coursework” as considered necessary by the institution to address a student's deficiencies in the student's readiness to perform freshman-level academic coursework.)

Freshmen entering higher education Fall 2013 or thereafter – as either traditional first time freshmen or as participants in a high school dual enrollment program - must demonstrate college readiness with the following scores on the TSI Assessment:

Mathematics – 350 Reading – 351 Writing – Essay score of 5 / or Essay score of 4 and Multiple Choice of 340

TSIA2: Texas Success Initiative 2.0

The TSIA2 (Texas Success Initiative Assessment 2.0) is a college readiness assessment used by colleges and universities across Texas to determine whether a student is prepared for college level coursework in reading, writing, and math. High school students also take the TSIA2 in order to qualify for dual enrollment courses or to meet college placement requirements.

The test is untimed and adapts based on student performance. It includes a diagnostic component to identify areas where a student may need support.

(If a student fails to meet the assessment standards in any area, the institution of higher education will work with the student to develop a plan to assist the student in becoming ready to perform freshman-level academic coursework. This will most likely be done through “developmental coursework” as considered necessary by the institution to address a student's deficiencies in the student's readiness to perform freshman-level academic coursework.)

College Readiness Benchmarks

Mathematics – 350 Reading – 351 Writing – Essay score of 5 / or Essay score of 4 and Multiple Choice of 340

Section	College Readiness Score
ELAR (English Language Arts and Reading)	• 945+ on multiple choice AND 5 on essay • OR <945 with Diagnostic Level 5 or 6 AND 5 on essay
Mathematics	• 950+ on multiple choice • OR <950 with Diagnostic Level 6

What Should I be Doing Now?

Generation TX <http://gentx.org/>

Connects students and clarifies the steps they need to take on the path to college and career education, from taking the right classes and tests, to applying to colleges, and then finding the money to pay for school.

Know How to Go <http://knowhow2go.acenet.edu/>

Get advice about how to go to college from people who know all about it.

Adventures in Education <http://www.aie.org/>

Get ready for college, starting today. Learn about the college application and admissions process, and discover tips for choosing the college that's right for you.

Searching For a College

Campus Compare <http://campuscompare.com/?nr=0>

Discover 4000 community colleges, state colleges, traditional colleges, universities, and more. Dive into the College Current to see college videos, student reviews, and college information on Twitter.

Every Chance Every Texan <http://www.everychanceeverytexan.org/>

This Compendium contains a list of colleges and universities in Texas, admission requirements, total expenses for an academic year, financial aid data, and related information, helpful hints to the college bound, and a calendar of various scholarship deadlines arranged by month.

College Answer <https://www.collegeanswer.com/>

This site includes information about college, including preparing, selecting, applying, paying, deciding, and financing.

Apply Texas https://www.applytexas.org/adappc/gen/c_start.WBX

Apply to every Texas public university online.

Campus Tours <http://www.campustours.com/>

This site builds video tours, interactive maps and custom multimedia apps for higher education, non-profit, and government clients worldwide.

Career Planning

Xello www.xello.world/en/

This site provides guidance with college, career, and financial aid planning.

Work in Texas <http://www.twc.state.tx.us/>

Search for jobs in Texas

Financial Aid & Scholarships

FAFSA <http://www.fafsa.ed.gov/>

Free Application for Federal Student Aid

Scholarship information **College for Texans** <http://www.collegeforalltexans.com/>

Higher education in the state of Texas, financial aid, free test prep.

Entrance Exams

College Board <http://www.collegeboard.org/>

SAT and career/college information

ACT <http://www.actstudent.org/>

ACT and career/college information

Career Resources

Achieve Texas	www.achievetexas.org
America's Career Info Net	www.acinet.org
Career Development Resources Hotline	1-800-822-PLAN(7526)
College for Texans	www.collegefortexans.com
Collegiate Zone	www.collegiatezone.net
Houston Community College	www.hccs.edu
San Benito Independent School District	www.San Benitoisd.org
Labor Market Career Information (LMCI)	www.cdr.state.tx.us
Occupational Outlook Handbook	www.bls.gov/oco
Texas CTE Resource Center	www.txcte.org
Xello	www.xello.world/en/
Texas Education Agency	www.tea.state.tx.us
Workforce Solutions	www.wrksolutions.com



The Advanced Technical Credit (ATC) Program is an advanced placement program for students interested in preparing for college and a technical career that requires postsecondary education. Advanced Technical Credit is one way students can earn college credit while in high school. Students who take content-enhanced, ATC-articulated career and technology courses for high school credit may also be eligible for college credit at community and technical colleges statewide. ATC-articulated high school courses cover the same material as certain technical college courses and they are taught by high school faculty with special training. When preparing your high school graduation plan, you may select articulated courses that apply toward college certificates and/or degrees after enrollment in a related college technical program. High school juniors or seniors who earn a grade of 3.0 (B) or better may count ATC courses as advanced measures for the (DAP) Distinguished Achievement graduation plan. ***Ask your counselor if your high school offers ATC statewide-articulated courses.*** The program facilitates the use of articulated credit in colleges across the state and streamlines and standardizes the articulation process for students, schools, and colleges. [The ATC Standard Articulation Agreement](#) sets common statewide standards for the award of college credit for selected, content-enhanced high school courses. Any student who successfully completes ATC statewide-articulated secondary courses, graduates from any secondary school in the state, and meets the requirements outlined in the ATC Standard Articulation Agreement, is eligible to receive articulated credit from any participating public two-year college in the state that offers the corresponding college courses.

How Do I Qualify for College Credit?

- Enroll in ATC-articulated career and technology courses in high school. (Course abbreviations end in -TP and courses on your high school transcript should be noted with the letter A.)
- Complete the course as a junior or a senior.
- Make a minimum grade of 80 (3.0) in the course.
- If there are course prerequisites, make a minimum grade of 80 (3.0) in each course.
- Enroll in a participating college within 15 months of high school graduation.
- Successfully complete six hours of non-developmental college credit.
- AP and/or CLEP examinations may apply toward the six required hours.

A complete list of possible colleges can be found at <https://www.inflexion.org/project/tea-atc/>. Check with your local community or technical colleges to see which are participating in the Advanced Technical Credit Program (statewide articulation) and what technical programs they offer.

Steps to Get College Credit

- Ask your high school teacher or counselor for a “petition for credit” form (not required, but helpful).
 - Take a copy of your high school transcript to a participating two-year college when you enroll.
 - Tell the college admissions staff, counselor, or advisor that you took ATC statewide-articulated courses in high school.
 - College staff will help you identify the college courses that are equivalent to the articulated courses you took in high school.
 - Select a college certificate or degree plan that includes one or more of these courses.
-
- Complete six(6) additional, non-developmental college hours.
 - Check with the college registrar to make sure your articulated credit is posted to your transcript.

Want to find out more? Contact your high school counselor. The [Statewide Articulation Crosswalk](#) is a resource for schools and colleges to readily identify high school courses included in the Advanced Technical Credit (ATC) Program and the college equivalent course(s). Finally, state-required staff development provides information to teachers of articulated courses on the articulation process, content of college-equivalent courses, and expected levels of student performance.

Advantages of Statewide Articulation

- Provides a common core of articulated courses
- Provides a statewide standard for awarding college credit
- Provides a common method to identify articulated courses on high school transcripts
- Saves valuable resources: *time and money*

Enrollment Qualification

For UIL participation, a student must be enrolled for at least four hours per day to be considered in membership for one full day. The classes in which the student is enrolled for the four hours may be for either state approved or local credit. Students are eligible to participate if they meet the TEA requirements above and are subject to the UIL No Pass-No Play rule.

Out of District Courses via Correspondence, online, or virtual All courses taken through an out-of-district course provider (correspondence, online, or virtual) which counts towards high school graduation requirements, and not eligible for exemption as an advanced class, are subject to the No Pass-No Play rule.