

2019-2020

**DeSoto High School
Course Catalog
DeSoto ISD**

Our Mission:

The mission of DeSoto ISD is to prepare each student academically and socially to be a problem solver and productive citizen for a 21st century global society.

Core Values:

- Equal Access
- Individualized Learning
- Quality Teachers
- Relationships

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Introduction

In this catalog you will find information that will help guide you as you plan your course sequence from sixth through eighth grades as well as information to help guide you through college readiness. Each year it is recommended that you spend time in the current course guide for your campus to identify course options, note any changes to the graduation program requirements, and to help you in your decision-making process as you register for the upcoming year. Additionally, it is recommended that you view the specific websites for any colleges, certifications, or post-graduation programs you may be interested in to pinpoint their specific requirements.

The staff of DeSoto ISD encourages you to spend time in the course planning process as an investment in your future.

- Read the course descriptions for your campus.
- Note the content and any requirements for the core and elective classes that are available.
- Review the suggested course sequence options and information to prepare for college and career pathways.
- Feel free to make an appointment with your campus counselor to discuss any questions regarding the course guide.

For more specific campus information, follow this link: [DeSoto ISD: Home](#). Go to schools>High School>DeSoto High School

Curriculum at a Glance

DeSoto ISD provides high school students a well-balanced curriculum that exceeds the requirements of the Texas Education Agency (TEA). The DeSoto ISD academic program offers all students the same basic course of study. Students in grades 9-12 are required to take courses in English language arts, math, science, and social studies all four years of high school.

DeSoto High School offers Pre-Advanced Placement (Pre-AP) and Advanced Placement (AP) courses in English, math, science and social studies and some electives. These courses provide additional challenges within the traditional program of instruction. Pre-AP and AP Requirements: Pass the previous year STAAR assessment in the 80th percentile, 80 or higher in previous year coursework, and teacher recommendation. Please be aware that Pre-AP/AP courses require a commitment of a full semester or a year. Pre-AP/AP courses include specific content and activities designed to prepare students for both STAAR exams and success in college-level Advanced Placement (AP) courses. Depth of material requires students to read and write extensively in and out of class.

Families electing to participate in the rigor of Pre-AP/AP will be required to attend a mandatory Pre-AP parent meeting and sign a student performance contract.

1. In order to continue in a Pre-AP/AP course, a student should maintain an average of 70 or higher in each grading period.
2. If a student does not maintain an average of 70 or higher in the first 2 grading periods, he or she will be removed from the course.
3. Any student removed from the course for not maintaining an average of 70 or higher each grading period will receive 10 points toward their grade upon entering a regular class.

In the event that a student does not meet the required criteria to enroll in a Pre-AP/AP course, students and parents may see the counselor to request entry into desired course.

Who Should Take Pre-AP/AP Classes?

Consider these factors:

- Your child's past performance in the subject area. If a student has always excelled at science, Pre-AP/AP Science may be a great idea. On the other hand, if he or she tends to struggle in math, Pre-AP/AP Algebra might be too much of an ordeal.
- Your child's skills. Pre-AP/AP courses in English—require heavy amounts of reading and writing. Is your student prepared for long, difficult reading assignments, multiple essays, and in-depth research papers?
- Your child's schedule. A student who plays sports year-round or holds leadership positions in one or more extracurricular activities may find it difficult to meet the sizeable obligations of a Pre-AP/AP class.

Pre-AP/AP Course Enrollment Criteria:

Pre-AP/AP English Language Arts and Reading (ELAR):

- STAAR scores that meet the Meets & Masters level in Reading
- A final grade in the last ELAR course of 85 or higher (if Pre-AP or Honors, 80 or higher)

Pre-AP/AP Math:

- STAAR scores that meet the Meets & Masters level in Mathematics
- A final grade in the last math course of 85 or higher (if Pre-AP or Honors, 80 or higher)

Pre-AP/AP Science:

- STAAR scores that meet the Meets & Masters level in Science
- A final grade in the last science course taken of 85 or higher (if Pre-AP or Honors, 80 or higher)

Pre-AP/AP Social Studies:

- STAAR scores that meet the Meets & Masters level in Reading
- A final grade in the last social studies course taken of 85 or higher (if Pre-AP or Honors, 80 or higher)

Once enrolled in a Pre-AP/AP course, can a student get a schedule change?

Once enrolled in a Pre-AP course, a student may only request a schedule change with permission. A conference including the student, parent, teacher, counselor, and campus administrator will be held to make a determination regarding the student's request. Schedule changes will generally not be permitted mid-semester.



Foundation High School Graduation Program (FHSP)

	Distinguished Level of Achievement High School Plan ¹	Foundation High School Plan plus ONE Endorsement	Foundation High School Plan ²
English Language Arts	4 credits (English I, II, III and an advanced English)	4 credits (English I, II, III and an advanced English)	4 credits (English I, II, III and an advanced English)
Mathematics	4 credits (Algebra I, Geometry, a third and fourth advanced Math to include Algebra II) ³	4 credits (Algebra I, Geometry, a third and fourth advanced Math credit) ³	3 credits (Algebra I, Geometry, and one additional Math credit)
Science	4 credits (Biology; IPC, Chemistry or Physics; and a third and fourth Science) ³	4 credits (Biology; IPC, Chemistry or Physics; and a third and fourth Science) ³	3 credits (Biology; IPC, Chemistry or Physics; and a third Science)
Social Studies	4 credits (World Geography; World History ⁴ ; US History; Government (1/2); Economics (1/2))	4 credits (World Geography; World History ⁴ ; US History; Government (1/2); Economics (1/2))	3 credits (World Geography; World History ⁴ ; US History; Government (1/2); Economics (1/2))
Languages other than English (LOTE)	2 credits (in the same language) ⁵	2 credits (in the same language) ⁵	2 credits (in the same language) ⁵
Fine Arts	1 credit	1 credit	1 credit
Physical Education⁶	1 credit	1 credit	1 credit
Speech	0.5 credit	0.5 credit	0.5 credit
Electives	5.5 credits (including four endorsement credits)	5.5 credits (including four endorsement credits)	4.5 credits
Endorsement	At least 4 endorsement credits	At least 4 endorsement credits	No endorsement required
Total Credits	26 credits⁷	26 credits	22 credits
Assessment Mastery	End-of-Course Exams: English I, English II, Algebra I, Biology, US History	End-of-Course Exams: English I, English II, Algebra I, Biology, US History	End-of-Course Exams: English I, English II, Algebra I, Biology, US History

¹Under this plan, students are eligible for automatic admission to a Texas 4-year college or university under top 10% rule. Students are also eligible for the Texas grant. See your counselor for additional information.

² Students may opt-in to this plan after their sophomore year.

³ 3rd and 4th Math and Science requirements vary based on endorsement.

⁴ FHSP does not require both World Geography and World History for graduation.

⁵ Please see counselor for additional information.

⁶ Up to four PE/PE substitutions may be used toward graduation requirement.

⁷ Students have the opportunity to earn ½ credit per semester. However, there are some course exceptions.

Foundation Graduation Plans

DeSoto ISD offers three graduation plans for students entering high school in or after 2014:

1. Distinguished Level of Achievement (DLA) – 26 students (Recommended for all students)

To earn the DLA:

- You are required to take at least 4 courses (4 credits) in a sequence specific to at least one Endorsement.
- You are required to take Algebra II

You may also earn Performance Acknowledgements.

2. Foundation High School Program + Endorsement – 26 credits

To earn the Foundation Degree PLUS Endorsements:

- You are required to take at least 4 courses (4 credits) in a sequence specific to at least one Endorsement.

You may also earn Performance Acknowledgements.

3. Foundation High School Program – 22 credits (Only available after the completion of sophomore year)

To earn the basic Foundation Plan:

- You must have selected this option only after completing your sophomore year. A meeting with the parent, student and counselor is required to choose this option.

You may also earn Performance Acknowledgements.

Understanding your credits

Most courses offered are ½ credit courses per semester. However, some CTE courses offer more credits per semester. Please ensure to read the course descriptions for the total amount of credits a student can earn upon successful completion of a course. The table below offers you an example of credit offerings.

Courses	Fall Semester Credits	Spring Semester Credits	Total Credit(s)
Course Example	0.5	0.5	1.0
Course Example	1.0	1.0	2.0
Course Example	1.5	1.5	3.0

Endorsement Graduation Plan Overview (Class of 2018+)

This section of the Course Guide is designed to provide you with information about the new Texas Foundation Endorsement Graduation Plan which takes effect for the Class of 2018 and beyond. The purpose of the State's change to the new graduation plan is to provide students greater flexibility and choice in the selection of courses that will best prepare them for their individual postsecondary goals. Employers and leaders in the Texas workforce have encouraged career oriented training and certification at the high school level to help meet their growing demands.

Starting in the spring of 2014, all eighth-graders will be required to choose one of five endorsements as outlined in the new graduation plan. The five endorsement areas are:

- **Arts and Humanities**
- **Business and Industry**
- **Multidisciplinary Studies**
- **Public Services**
- **Science, Technology, Engineering and Mathematics (STEM)**

The earned endorsement will be reflected on the student's official transcript at the completion of their high school career.

How are Endorsements organized? As you use this catalog, you will see recommended Pathways (or coherent sequences of courses) organized by career clusters within each of the Endorsements. These career clusters are part of the Achieve Texas College and Career Initiative that is designed to help students (and their parents) make informed education decisions. It is based on the idea that the education of the 21st century should combine rigorous academics with relevant career education. When schools integrate academic and technical education, students can see the "relevance" of what they are learning. The Pathways allow students to study a particular field in depth and help to facilitate a seamless transition from secondary to postsecondary opportunities.

Four Year Plan- DeSoto ISD has built our curriculum offerings into the endorsements plan using the subsection of pathways and then adding defined concentrations to drive students toward their graduation goals and college and career aspirations. Students will select their Personal Graduation Plan based on their endorsement, pathway and concentration.

Endorsements Overview



Arts and Humanities

A&H includes courses directly related to fine and performing arts, political science, world languages, cultural studies, and English literature

Six options:

(A) Five social studies credits

(B) Four levels of the same language in a Languages Other Than English (LOTE)

(C) Two levels of the same language in a LOTE and two levels of a different language in a LOTE

(D) Four levels of American Sign Language

(E) A coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts or innovative courses approved by the commissioner.

(F) Four English elective credits by selecting from the following:

English IV; or Independent Study in English; or Literary Genres; or Creative Writing; or

Research and Technical Writing; or Humanities; or Communication Applications; or AP English Literature and Composition; or IB Language Studies A1 Higher Level.



Business and Industry

Business and Industry includes courses directly related to database management, information technology, communications, accounting, finance, business management, marketing, graphic design, architecture, construction, welding, logistics, automotive technology, agricultural science and heating, ventilation, and air conditioning.

Four options:

(A) A coherent sequence of courses for four or more CTE credits with at least two courses in the same career cluster, including at least one advanced CTE course. The final course in the sequence must be obtained from one of the following: **Agriculture, Food, and Natural Resources**; or **Architecture and Construction**; or **Arts, Audio/Video Technology, and Communications**; or **Business Management and Administration**; or **Finance**; or **Hospitality and Tourism**; or **Information Technology**; or **Manufacturing**; or **Marketing**; or **Transportation, Distribution, and Logistics**.

(B) Four English elective credits to include three levels in one of the following areas: public speaking; or debate; or advanced broadcast journalism; or advanced journalism: newspaper; or advanced journalism: yearbook.

(C) Four technology applications credits.

(D) A coherent sequence of four credits from subparagraph (A), (B), or (C).



Public Services

Public Services Includes courses related to health sciences, education (including K-12 teachers), law and public safety, and JROTC.

Two options:

(A) A coherent sequence of courses for four or more CTE credits with at least two courses in the same career cluster, including at least one advanced CTE course. The final course in the sequence must be obtained from one of the following: **Education and Training**; or **Government and Public Administration**; or **Health Science**; or **Human Services**; or **Law, Public Safety, Corrections, and Security**.

(B) Four courses in Junior ROTC (JROTC)



STEM (Science, Technology, Engineering and Mathematics)

This path includes courses directly related to science (including environmental science), technology (including computer science), engineering, advanced mathematics, or a coherent sequence of some Career and Technology Education Courses.

Five options:

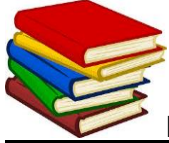
(A) A coherent sequence of courses for four or more CTE credits including at least two courses in the same career cluster, and at least one advanced CTE course, which includes any course that is the third or higher course in a sequence. The final course in the sequence must be obtained from one of the CTE career clusters relating to Science, Technology, Engineering, and Mathematics.

(B) A coherent sequence of four credits in computer science.

(C) Three credits in mathematics by successfully completing Algebra II and two additional mathematics courses for which Algebra II is a prerequisite.

(D) Four credits in science by successfully completing chemistry, physics, and two additional science courses.

(E) In addition to Algebra II, chemistry, and physics, a coherent sequence of three additional credits from no more than two of the categories or disciplines represented by subparagraphs (A), (B), (C), and (D).



Multidisciplinary Studies

Multidisciplinary Studies includes courses from the curriculum of each endorsement area and credits in a variety of advanced courses sufficient to complete the Distinguished Level of Achievement under the Foundation High School program.

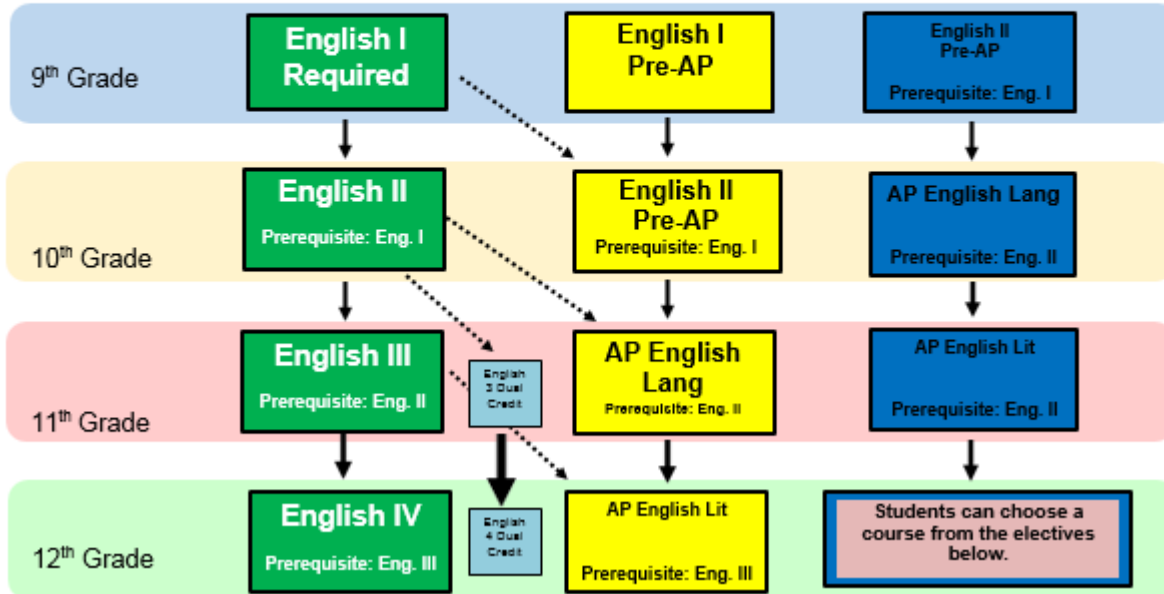
Three options:

- (A)** Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence.
- (B)** Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics.
- (C)** Four credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.

Recommended English Course Sequence

HS English Course Sequencing

***A student who failed both semesters of English I and their English I STAAR MUST be re-enrolled in English I before moving to the next course in their English sequence. A student must pass English STAAR (8th Grade) and STAAR EOC (9th and 10th) to be admitted into Pre-AP/AP English from 8th grade.**



Possible 4th Year English Language Arts Courses

- | | | | | | | | |
|-------------------------------|--------------------------------|-----------------------------------|-------------|---------------------|-------------------------|--------|---------------------------------|
| Advanced Journalism: Yearbook | Advanced Journalism: Newspaper | Advanced Journalism: Broadcasting | AP Research | AP Seminar Capstone | College Preparatory ELA | Debate | Independent Study in Journalism |
| Public Speaking | Research and Technical Writing | | | | | | |

English/Language Arts and Reading

Fundamentals of English I (B)

Local: 10303

TEA: 3220107

Grade Level: 9

Prerequisite: Middle School English required by ARD

Credit: 1

[CAMPUS BASED SPECIAL EDUCATION COURSE] This is a locally designed course aligned with the Texas Essential Knowledge and Skills for English I and determined by the ARD Committee to be a substitute for English I.

English I for English Language Learners (R)

Local: 12180

TEA: 3200600

Grade Level: 9

Prerequisite: Limited English proficiency

Credit: 1

[ENGLISH LANGUAGE LEARNER COURSE] This course is based on the TEKS for English I as accommodated for limited English proficient students at the beginning, intermediate, and advanced levels of language proficiency. Accommodations occur for limited English proficient students in time, pacing, methodology, and/or method of assessment.

English I (R)

Local: 12100

TEA: 3220100

Grade Level: 9

Prerequisite: None

Credit: 1

English I continues to increase and refine their communication skills. Students take their writing through all the steps of the writing process on a regular basis. In addition to planning and drafting, students revise for organization and idea development and edit their papers for clarity and the correct use of the conventions and mechanics of written English. They practice all forms of writing, including literary, narrative, expository, persuasive, interpretive, analytical, research, and procedural/work-related writing. English I students read extensively in multiple genres from world literature. They learn forms and terms associated with selections being read, develop comprehension and vocabulary skills to greater depth and complexity, and analyze elements of text for greater understanding and modeling for their own writing.

English I, Pre-AP

Local: 12101

TEA: 3220100

Grade Level: 9

Prerequisite: 8th Grade STAAR performance

Credit: 1

This course is designed to prepare students for English II Pre-AP. Students study language, composition, and literary skills throughout the year. Students read extensively both inside and outside class, including a summer reading requirement, in which literary analysis skills will be

emphasized. A greater depth of study of the English language and more extensive and abundant practice in writing narrative, expository, persuasive, interpretive, analytical, research, and procedural/work-related pieces supplement the study of literature. *Pre-AP courses address learning objectives with greater depth and a faster pace along with higher expectations for student performance.

English I (IntH)

Local: 12103

TEA: 3220100

Grade Level: 9

Prerequisite: IB Admittance

Credit: 1

[International Honors course offered only in IB Program] This class is designed for the advanced student who wishes to pursue the critical study of world literature. Students will be expected to perform close, analytical readings of texts representing a variety of cultures, genres, and historical periods, and they will apply interpretive skills to discover how the meaning of texts is informed by the author's use of literary devices, stylistics, and tone. Students will explore such topics as the mythological Hero's Journey, cultural conceptions of good and evil, the complications of love, and consequences of human choices. This course promotes a mastery of a mature, sophisticated writing style and asks that students make effective use of the writing process to address an academic purpose and audience. This course is designed to prepare students for English II IntH.

Fundamentals of English II (B)

Local: 10308

TEA: 3220207

Grade Level: 10

Prerequisite: English I required by ARD

Credit: 1

[CAMPUS BASED SPECIAL EDUCATION COURSE] This is a locally designed course aligned with the Texas Essential Knowledge and Skills for English II and determined by the ARD Committee to be a suitable substitute for English II.

English II for English Language Learners

Local: 12185

TEA: 3200700

Grade Level: 10

Prerequisite: English I, Limited English proficiency

Credit: 1

[ENGLISH LANGUAGE LEARNER COURSE] This course is based on the TEKS for English II as accommodated for limited English proficient students at the beginning, intermediate, and advanced levels of language proficiency. Accommodations occur for limited English proficient students in time, pacing, methodology, and/or method of assessment.

English II

Local: 12120

TEA: 3220200

Grade Level: 10

Prerequisite: English I

Credit: 1

English II continues to stress the coordination of literature, composition, language, and reading. Students take their writing through all the steps of the writing process on a regular basis. In addition to planning and drafting, students revise for organization and idea development and edit their papers for clarity and the correct use of the conventions and mechanics of written English. In English II, students practice all forms of writing, including narrative, literary, persuasive, interpretive, analytical, research, and procedural/work-related writing. Students read extensively in multiple genres from world literature, learning forms and terms associated with selections being read.

English II Pre-AP

Local: 12121

TEA: 3220200

Grade Level: 10

Prerequisite: English I Pre-AP or English I EOC performance

Credit: 1

This course is designed to prepare students for the AP English Language & Composition course. Since the student enrolled in this course has already achieved a high degree of fluency in writing clearly and effectively, the language and composition study during the year is supplemented with advanced composition study based upon literary themes. Students read extensively both inside and outside class, including a summer reading requirement, in which literary analysis skills will be emphasized. Students will also write in various genres, including narrative, expository, persuasive, interpretive, analytical, research, and procedural/work-related pieces which supplement the study of literature. Only students who have successfully mastered the competencies of reading and writing in English I/Pre-AP may enroll in this course.

*Pre-AP courses address learning objectives with greater depth and a faster pace along with higher expectations for student performance.

English II (IntH)

Local: 12123

TEA: 3220200

Grade Level: 10

Prerequisite: English I (IntH)

Credit: 1

[International Honors course offered only in IB Program] This course extends and refines the literary concepts introduced in IntH English I, but concentrates on themes which inherently pervade American literature. Since the literary aspect of the course is concerned with many American writings, the study of a variety of themes coincides with a thorough understanding of the development of western thought from an American artistic, literary, historic, social, and philosophical perspective. The emphasis on world literature requires an ability to appreciate the similarities and differences between literary works from different ages and/or cultures. Lessons and assignments will enable students to engage in independent literary criticism in a manner which reveals a personal response to literature. Students will develop an ability to express ideas with clarity, coherence, conciseness, precision and fluency in both written and oral

communication. This course is designed to prepare students for English III IB.

Fundamentals of English III (B)

Local: 10313

TEA: 03220300

Grade Level: 11

Prerequisite: English II required ARD

[CAMPUS BASED SPECIAL EDUCATION COURSE] This is a locally designed course aligned with the Texas Essential Knowledge and Skills for English III and determined by the ARD Committee to be a suitable substitute for English III.

English III

Local: 12130

TEA: 03220300

Grade Level: 11

Prerequisite: English II

Credit: 1

English III is a fusion of composition, literature, language, and reading designed to further skills in these areas. Literature instruction will focus on American works and authors in all the genres. The student will be taught the process of initiating a research project, doing the actual research, and preparing a typed, documented paper. Students will locate print and non-print information using text and technical sources, including databases. Students will be encouraged to analyze and discuss universal themes and movements that run through major literary works. Students will practice skills tested on the STAAR, SAT and ACT.

AP English Language & Composition

Local: 12131

TEA: A322010

Grade Level: 11

Prerequisite: English II and EOC

Credit: 1

This course is designed to prepare students for the Language and Composition Advanced Placement Exam. The course emphasis is analysis and application of the techniques of rhetoric. Literature instruction will focus on American works and authors in all the genres. Students will use technology to produce group and individual Presentations and projects. Students will study major literary works, compose frequently, and analyze the written work for tone, meaning, and style. A summer reading list is part of this curriculum. An approved College Board teacher syllabus is required.

English III Dual Credit CVC Course – ENGL 1301: Composition I

Local: 12135

TEA: 3220300

Grade Level: 11

Prerequisite: Must have passed all previous English course and must have passed the TSI

Credit: 1 (3 hrs. college credit)

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic

essay as a vehicle for learning, communicating, and critical analysis.

CVC Course - ENGL 1302: Composition II

Prerequisite Required: ENGL 1301.

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

IB Language Studies, A1 SL

Local: 20100

TEA: I3220500

Grade Level: 11

Prerequisite: IB admittance

Credit: 1

[International Baccalaureate course offered only in IB Program] The Language A: Literature course introduces students to the analysis of literary texts. It is the course through which the IB's policy of "mother-tongue" entitlement is delivered. The course is organized into four parts, each focused on a group of literary works. Together, the four parts of the course add up to a comprehensive exploration of literature from a variety of cultures, genres and periods. Students learn to appreciate the artistry of literature, and develop the ability to reflect critically on their reading, presenting literary analyses powerfully through both oral and written communication.

IB Language Studies, A1 HL

Local: 20101

TEA: I3220600

Grade Level: 12

Prerequisite: IB admittance

Credit: 1

[International Baccalaureate course offered only in IB Program] The Language A: Literature course introduces students to the analysis of literary texts. It is the course through which the IB's policy of "mother-tongue" entitlement is delivered. The course is organized into four parts, each focused on a group of literary works. Together, the four parts of the course add up to a comprehensive exploration of literature from a variety of cultures, genres and periods. Students learn to appreciate the artistry of literature, and develop the ability to reflect critically on their reading, presenting literary analyses powerfully through both oral and written communication.

Fundamentals of English IV (B)

Local: 10318

TEA: 3220400

Grade Level: 12

Prerequisite: English III required by ARD

Credit: 1

[CAMPUS BASED SPECIAL EDUCATION COURSE] This is a locally designed course aligned with the Texas Essential Knowledge and Skills for English IV and determined by the ARD Committee to be a suitable substitute for English IV.

English IV

Local: 12140

TEA: 3220400

Grade Level: 12

Prerequisite: English III

Credit: 1

English IV is a fusion of composition, literature, language, and reading designed to further skills in these areas. Literature instruction will focus on British works and authors in all the genres. The student will be taught the process of initiating a research project, doing the actual research, and preparing a typed, documented paper. Students will write about literature, do research, engage in independent projects, and produce timed writings in AP format.

AP English Literature

Local: 12141

TEA: A3220200

Grade Level: 12

Prerequisite: None

Credit: 1

AP English Literature is a college level English course that emphasizes the skills needed to receive credit on the Advanced Placement Literature and Composition Exam. Students will study major literary works, emphasizing skills in poetry and prose analysis. Students will write about literature, do research, engage in independent projects, and produce timed writings in AP format. A summer reading list is part of this curriculum. An approved College Board teacher syllabus is required.

English IV Dual Credit 2323

Local: 12148

TEA: 3220400

Grade Level: 12

Prerequisite: English 1301 and 1302. Must have met TSI standards in Reading and Writing
CVC Course – ENGL 2322: British Literature I to 1800

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. For repeatability purposes, students who take English 2321 should not also take English 2322 or 2323.

CVC Course – ENGL 2327: American Literature I to 1865 Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. For repeatability purposes, students who take English 2326 should not also take English 2327 or 2328.

CVC Course – ENGL 2323: British Literature II Since 1800 Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. For repeatability purposes, students who take English 2321 should not also take

English 2322 or 2323.

CVC Course – ENGL 2328: American Literature II Since 1865 Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of American literature from the Civil War to the Present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. For repeatability purposes, students who take English 2326 should not also take English 2327 or 2328.

English I: EOC Intervention

Local: 12128

TEA: Need local state number

Grade Level: 10-12

Prerequisite:

Credit: 1

This required course is designed for students who were not successful on the first administration of the state reading assessment in the eighth grade, score below district criteria, or experience reading difficulties. Note: This does not satisfy a state requirement towards graduation.

English II: EOC Intervention

Local: 12146

TEA: Need local state number

Grade Level: 11-12

Prerequisite:

Credit: 1

This required course is designed for students who were not successful on the first administration of the state reading assessment in the eighth grade, score below district criteria, or experience reading difficulties. Note: This does not satisfy a state requirement towards graduation.

Independent Study in Academic Decathlon

Local: 12165

TEA: Need local state number

Grade Level: 10-12

Prerequisite: Students will be selected

Credit: .5

This course is designed for students who are on the academic decathlon study team. Students will conduct independent research, develop speech and interview skills, do group research projects, and produce original work in a variety of mediums. The course will require after-school meetings in preparation for competition.

SAT/ACT

Local: 12199

TEA: Need local state number

Grade Level: 11-12

Prerequisite: None

Credit: .5

This semester course is designed to help the students prepare for standardized college admission exams. The Bridges online program as well as the College Board online program will be incorporated into the curriculum for this course.

College Preparation Course English Language Arts

Local: 13006

TEA: CP110100

Grade Level: 12

Prerequisite: English III

Credit: 1

In this college-preparatory course, students will improve integrated critical reading and writing skills through engagement with a variety of texts across content areas and genres. As a result, students will be able to develop and express ideas clearly and effectively to communicate with various audiences for various purposes and occasions.

CMP Humanities

Local: 19076

TEA: 03221600

Grade Level: 9-12

Prerequisite: None

Credit: 1

In this course, students visit museums, conduct formal research, and use a variety of primary and secondary source materials as they study relationships among art, architecture, religion, philosophy, music, literature, and other creative endeavors in historic and contemporary World cultures. Their analysis compares the social contexts that produce art as well as how artistic expression, religion, and philosophy illustrate the human spirit. Students develop a portfolio of representative selections and responses and produce oral and written presentations using various media.

Research/Technical Writing

Local: 15141

TEA: 03221100

Grade Level: 11-12

Prerequisite: English II

Credit: .5

In this course, students learn to document, to create bibliographies, and to organize information as they write a research paper. The course focuses on Basic technical writing skills (inductive and deductive reasoning, technical description, paragraph development, and selected technical reports.

Journalism I

Local: 15100

TEA: 03230100

Grade Level: 9-12

Prerequisite: None

Credit: 1

This introductory course on the principles and practices of journalism includes fact-gathering, developing interviewing skills, writing news stories, determining newsworthiness, studying and applying editing skills, studying journalistic style, using techniques of writing headlines and captions, studying the freedom and responsibility of the Press, and the principles and ethics of journalism.

Advanced Journalism (Newspaper)

Local: 15320

TEA: 03230140

Grade Level: 10-12

Prerequisite: Journalism I

Credit: 1

In this course, students study and apply the journalistic skills and processes necessary to produce a yearbook. They develop skills in news judgement, fact gathering, photography, writing headlines and captions, graphic design and layout, proofing, editing, advertising, and creative writing. This course requires considerable time outside school hours.

Advanced Journalism I (Yearbook)

Local: 15435

TEA: 03230110

Grade Level: 10-12

Prerequisite: Journalism I

Credit: 1

In this course, students study and apply the journalistic skills and processes necessary to produce a yearbook. They develop skills in news judgement, fact gathering, photography, writing headlines and captions, graphic design and layout, proofing, editing, advertising, and creative writing. This course requires considerable time outside school hours.

Photojournalism

Local: 15200

TEA: 03230800

Grade Level: 9-12

Prerequisite: Journalism I

Credit: 1

This course includes a study of the use of photography in journalism and the application of photographic skills for journalistic purposes. Students develop competence in taking, developing, and printing news photographs for use in school publications. This course requires considerable time outside school hours.

Independent Study Journalism

Local: 15140

TEA: 03231000

Grade Level: 12

Prerequisite: English IV

Credit: 1

This course includes activities individually designed for students whose level of achievement in journalism allows them to pursue work individually or in small groups, with the teacher serving as an advisor. It emphasizes research, print or non-print production of original work, or extended development of a skill or specific area of study.

Public Speaking I

Local: 12175

TEA: 03240900

Grade Level: 10-12

Prerequisite: None

Credit: 1

This course introduces the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating messages from others. Students study style, organization, and delivery, including diction, voice, control, posture, and eye contact. Students are encouraged to participate in competitions.

Debate I

Local: 15500

TEA: 03240600

Grade Level: 9-12

Prerequisite: None

Credit: 1

This course examines the historical and contemporary role of debate in the democratic process. Students apply standards to analyze and evaluate propositions and construct valid approaches to both affirmative and negative arguments. They practice effective extemporaneous speaking skills and provide valid and constructive critiques of others. Students are encouraged to participate in competitions.

Debate II

Local: 15520

TEA: 03240700

Grade Level: 10-12

Prerequisite: Debate I or Public Speaking

Credit: 1

This course deepens student knowledge of written and oral rhetoric, including the forms and conventions of cross examination and Lincoln-Douglas debates. Students are encouraged to participate in competitions.

Debate III

Local: 15530

TEA: 03240800

Grade Level: 11-12

Prerequisite: Debate II

Credit: 1

Third year debate students continue to develop and deepen the knowledge and skills acquired in Debate II. Students are encouraged to participate in competitions.

Professional Communications (Speech)

Local: 12170

TEA: 13009900

Grade Level: 9-12

Prerequisite: None

Credit: .5

Communications 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. In this course students develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Speech Dual Credit

Local: 12176

TEA: 13009900

Grade Level: 9-12

Prerequisite: Must meet TSI in reading and writing

Credit: .5

CVC Course – SPCH 1311: Introduction to Speech

Theory and practice of speech communication behavior in one-to-one, small group, and public communication situations are introduced. Students learn more about themselves, improve skills in communicating with others, and prepare and deliver formal public speeches.

AP Seminar

Local: 19201

TEA: N1130026

Grade Level: 11-12

Prerequisite: English II and Academic Performance

Credit: 1

AP Seminar is an inquiry-based course that engages students with rigorous college-level curricula focused on the core academic skills necessary for successful college completion. Throughout the program, students consider multiple points of view to develop their own perspectives on complex issues and topics through inquiry and investigation. The AP Seminar program provides students with a framework that allows students to develop, practice, and hone their critical and creative thinking skills as they make connections between issues and their own lives. An approved College Board teacher syllabus is required.

AP Research

Local: 19202

TEA: N1100014

Grade Level: 12

Prerequisite: AP Seminar

Credit: 1

Students will design, plan and conduct a year- long mentored, research-based investigation. AP Research is designed to allow students to dive into an academic topic, problem, or issue of individual interest. Students will further develop the skills they acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic paper of 4,000-5,000 words and a presentation with an oral defense during which the students will answer questions about their academic paper and research methodology. An approved College Board teacher syllabus is required.

African American Literature

Local: 12000

TEA: 03221500

Grade Level: 11-12

Prerequisite:

Credit: 1

This course takes historical and cultural periods, such as the Antebellum period and The Harlem Renaissance, and teaches how those writers incorporated literary elements to tell stories that are still quite relevant today.

Language Science I, II, III

Local:

TEA: 03270700, 03270800, 03270900

Grade Level: 9-12

Prerequisite: None

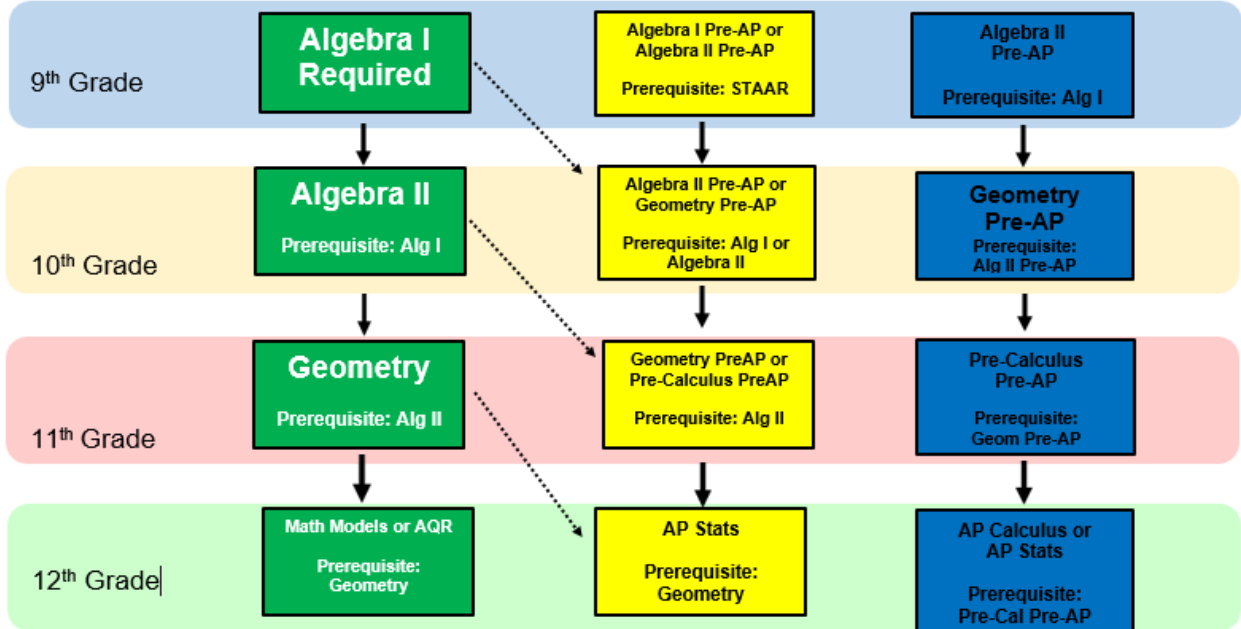
Credit: 1

This course will provide a multisensory approach to teaching reading that combines visual, auditory and kinesthetic (or muscle) instruction for the remediation of identified reading disabilities by teaching the science of written language and addresses reading, handwriting, and spelling.

Recommended Mathematics Course Sequence

HS Mathematics Course Sequencing

***Placement into Pre-AP/AP courses will require a student to perform at the Meets or Masters level on the Math STAAR.**



Mathematics

Algebra I

Local: 15000

TEA: 03100500

Grade Level: 9

Prerequisite: Math 8

Credit: 1

This course addresses all Algebra I TEKS SEs and provides the foundation for advanced mathematics courses in high school. The course focuses on algebraic thinking and symbolic reasoning; function concepts, the relationship between equations and functions, multiple representations, tools, and technology to model mathematical situations to solve meaningful problems; and the underlying mathematical processes of algebra.

Algebraic Reasoning

Local: 15016

TEA: 03102540

Grade Level: 9-12

Prerequisite: Algebra I or Algebra I P-AP

Credit: 1

Algebraic Reasoning TEKS SEs and continues the development of mathematical reasoning related to algebraic understandings and processes through the study of functions using analysis and applications that include patterns and structure, numeric and algebraic methods, and modeling from data using tools that develop workforce and college readiness.

Geometry

Local: 15020

TEA: 03100700

Grade Level: 9-10

Prerequisite: Algebra I

Credit: 1

This course addresses all Geometry TEKS SEs and focuses on geometric thinking and spatial reasoning, geometric figures and their properties, the relationship between Geometry, other mathematics, and other disciplines, the tools, representations and techniques to solve meaningful problems by representing and transforming figures and analyzing relationships, and the necessary underlying mathematical processes.

Geometry Pre-AP

Local: 15021

TEA: 03100700

Grade Level: 9-10

Prerequisites: Algebra I Pre-AP

Credit: 1

This course addresses all Geometry TEKS SEs and focuses on advanced Geometry concepts in preparing students for Advanced Placement Calculus as well as geometric thinking and spatial reasoning, geometric figures and their properties, the relationship between Geometry,

other mathematics, and other disciplines, the tools, representations and techniques to solve meaningful problems by representing and transforming figures and analyzing relationships, and the necessary underlying mathematical processes.

Algebra II

Local: 15040

TEA: 03100600

Grade Level: 10-12

Prerequisites: Algebra I or Algebra I Pre-AP

Credit: 1

This course addresses all Algebra II TEKS SEs and focuses on algebraic thinking and symbolic reasoning; functioning, equations, and their relationship; the relationship between Algebra and Geometry; representations, tools, and techniques model mathematical situations to solve meaningful problems; and the necessary underlying mathematical processes of advanced Algebra.

Algebra II, Pre-AP

Local: 15041

TEA: 03100600

Grade Level: 9-11

Prerequisites: Algebra I or Algebra I Pre-AP

Credit: 1

This course addresses all Algebra II TEKS SEs and focuses on advanced Algebra concepts in preparing students for Advanced Placement Calculus as well as geometric thinking and spatial reasoning, geometric figures and their properties the relationship between Algebra and Geometry, other mathematics, and other disciplines, the tools, representations and techniques to solve meaningful problems by representing and transforming figures and analyzing relationships, and the necessary underlying mathematical processes.

Advanced Quantitative Reasoning (AQR)

Local: 15071

TEA: 03102510

Grade Level: 11-12

Prerequisite: Algebra II or Algebra II Pre-AP

Credit: 1

This course addresses all AQR TEKS SEs and includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling reasoning.

College Preparatory Course Mathematics

Local: 13007

TEA: CP111200

Grade Level: 12

Prerequisite:

Credit: 1

Topics in this course include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations, rational expressions, factoring techniques, radicals, algebraic fractions, complex numbers, graphing linear equations and inequalities, quadratic equations, systems of equations, graphing quadratic equations and an introduction to functions.

Emphasis is placed on algebraic techniques, in order to successfully complete an entry-level college mathematics course. Calculator use is allowed in this course when indicated, including the departmental semester examination.

Pre-Calculus

Local: 15050

TEA: 03101100

Grade Level: 11-12

Prerequisite: Algebra II or Algebra II Pre-AP and Geometry

Credit: 1

This course addresses TEKS SEs and focuses on symbolic reasoning and analytical methods to represent mathematical situations, express generalizations and to study mathematical concepts and the relationship among them. Students use a variety of representations, tools, and technology to model functions and equations and to solve real-life problems.

Pre-Calculus, Pre-AP

Local: 15051

TEA: 03101100

Grade Level: 11-12

Prerequisite: Algebra II Pre-AP or Algebra II and Geometry Pre-AP or Geometry

Credit: 1

This course addresses all Pre-calculus TEKS SEs and focuses on extensions to concepts of functions in preparing students for Advanced Placement Calculus along with symbolic reasoning and analytical methods to represent mathematical situations, express generalizations and to study mathematical concepts and the relationships among them. Students use a variety of representations, tools, and technology to model functions and equations and to solve real-life problems.

Mathematical Models with Applications

Local: 15030

TEA: 03102400

Grade Level: 10-12

Prerequisite: Algebra I

Credit: 1

This course addresses all Mathematical Models with Applications TEKS SEs and focuses on the use of algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines involving money, data, chance, patterns, music, design, and science. Students use a variety of representations, tools, and technology to link modeling techniques and purely mathematical concepts and to solve applied problems. This course may be taken concurrently with Geometry.

This course cannot be taken prior to successful completion of Algebra I. The course cannot be taken concurrently with Algebra I.

AP Calculus AB

Local: 15060

TEA: A3100101

Grade Level: 11-12

Prerequisite: Pre-Calculus or Pre-Calculus Pre-AP

Credit: 1

Content requirements for this course are prescribed by the College Board in the publication entitled "Advanced Placement Program Course Description: Calculus AB, Calculus BC".

Approved College Board teacher syllabus required.

AP Calculus BC

Local: 15065

TEA: A3100102

Grade Level: 11-12

Prerequisite: Pre-Calculus or Pre-Calculus Pre-AP

Credit: 1

Content requirements for this course are prescribed by the College Board in the publication entitled "Advanced Placement Program Course Description: Calculus AB, Calculus BC".

Approved College Board teacher syllabus required.

AP Statistics

Local: 15070

TEA: A3100200

Grade Level: 11-12

Prerequisite: Algebra II, Geometry

Credit: 1

Content requirements for this course are prescribed by the College Board in the publication entitled "Advanced Placement Program Course Description: Calculus AB, Calculus BC".

Approved College Board teacher syllabus required.

Statistics and Business Decision Making

Local: 16330

TEA: 13016900

Grade Level: 11-12

Prerequisite: Accounting I & Algebra II RECOMMENDED

Credit: 1

In this course students utilize mathematical models and financial skills to determine, assess and protect businesses from risks and operational threats. Additionally, students learn how to use probability as a tool for anticipating and forecasting data within business models to make decisions.

Mathematical Applications in Agriculture, Food and Natural Resources

Local: 16056

TEA: 13001000

Grade Level: 11-12

Prerequisite: Minimum of 1 credit from AFNR cluster

Credit: 1

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

IB Math Studies, Standard Level

Local: 20301

TEA: I3100100

Grade Level: 11-12

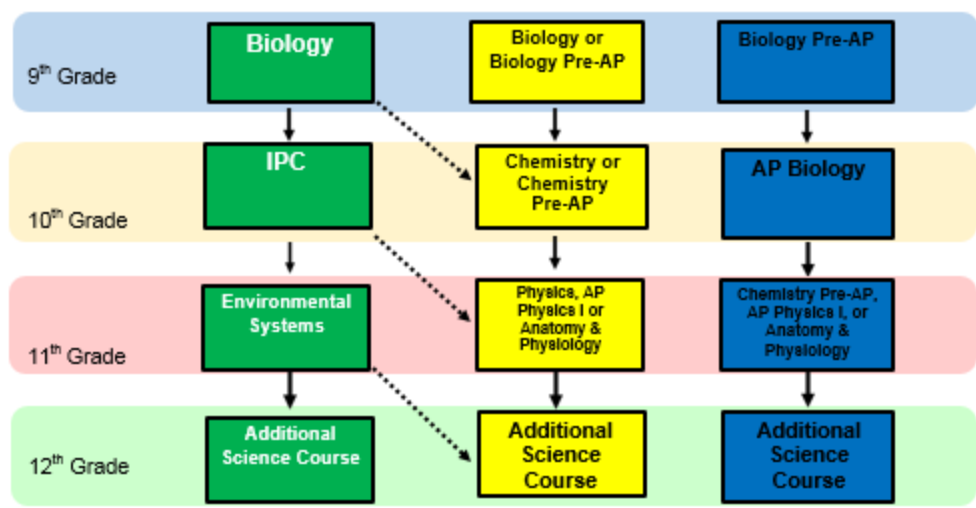
Prerequisite:

Credit: 1

The Mathematical Studies standard level course focuses more on student understanding of fundamental concepts than on symbolic manipulation and complex manipulative skills. It gives greater emphasis to developing students' mathematical reasoning rather than performing routine operations. Students will solve mathematical problems embedded in a wide range of contexts, effectively use the calculator, and strengthen skills in applications of mathematics and statistical techniques.

Recommended Science Courses Sequence

HS Science Course Sequencing



Possible 4th Year Science Courses

- Advanced Animal Science
- Anatomy & Physiology
- AP Environmental Science
- AP Chemistry
- Earth & Space Science
- Engineering Design & Development
- Environmental Systems
- Food Science
- Forensic Science
- Patho-physiology

Science

Biology

Local: 18020

TEA: 03010200

Grade Level: 9-11

Prerequisite: None

Credit: 1

This course addresses all Biology TEKS SEs. In Biology, the study of science includes at least 40% of instructional time for conducting laboratory and field investigations. Students study a variety of topics such as the 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. Scientific process skills (process standards) including safe practices as outlined in the Texas Safety Standards are integrated into the content.

Biology, Pre-AP

Local: 18021

TEA: 03010200

Grade Level: 9 -11

Prerequisite: 8th grade STAAR Science performance at the Meets or Masters level.

Credit: 1

This course addresses all Biology TEKS SEs. Students study a variety of topics such as the 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. This course extends the biology concepts found in the TEKS SEs with an emphasis on Preparing students to take AP Biology. This course includes at least 40% of instructional time for conducting laboratory and field investigations. Scientific process skills (process standards) including safe practices as outlined in the Texas Safety Standards and the use and conservation of resources are integrated into the content.

AP Biology

Local: 18060

TEA: A3010200

Grade Level: 10-12

Prerequisite: Successful completion of Biology Pre-AP.

Credit: 1

Content requirements for Advanced Placement (AP) Biology are prescribed in the College Board Publication Advanced Placement Course description: Biology, published by the College Board. Approved College Board teacher syllabus required.

IB Biology, HL I

Local: 20201

TEA: I3010202

Grade Level: 11-12

Prerequisite: Successful completion of Biology Pre-AP.

Credit: 1

This course is a higher-level comprehensive Biology course consisting of 240 hours of study over a 2-year period. The curriculum is intense and covers a wide-range of individual subjects in Biology. The course consists of lecture and laboratory sections, a group IV project, an individual assessment Science project, and culminates with a detailed external assessment at the end of the senior year of study.

IB Biology, HL II

Local: 20202

TEA: I3010202

Grade Level: 11-12

Prerequisite: Successful completion of Biology Pre-AP.

Credit: 1

This course is a higher-level comprehensive Biology course consisting of 240 hours of study over a 2-year period. The curriculum is intense and covers a wide-range of individual subjects in Biology. The course consists of lecture and laboratory sections, a group IV project, an individual assessment Science project, and culminates with a detailed external assessment at the end of the senior year of study.

Integrated Physics and Chemistry (IPC)

Local: 18010

TEA: 03060201

Grade Level: 9-10

Prerequisite: Successful completion of either Biology or Biology Pre-AP.

Credit: 1

In IPC, the study of science includes a minimum of 40% of instructional time for conducting laboratory and field investigations. This course integrates the disciplines of physics and chemistry in the following topics: force and motion, energy transfer and conservation, the structure and properties of matter, and changes in matter. Scientific process skills (process standards) including safe practices as outlined in the Texas Safety Standards and the use and conservation of resources are integrated into the content.

Chemistry

Local: 18030

TEA: 03040000

Grade Level: 10-12

Prerequisite: One unit of High School Science and Algebra I

Credit: 1

This course addresses all Chemistry TEKS SEs. This course includes at least 40% of instructional time for conducting laboratory and field investigations. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Scientific process skills (process standards) including safe practices as outlined in the Texas Safety Standards and the use and conservation of resources are integrated into the content.

Chemistry, Pre-AP

Local: 18031

TEA: 03040000

Grade Level: 10-12

Prerequisite: One Unit of High School Science and Algebra I

Credit: 1

This course addresses all Chemistry TEKS SEs. This course includes at least 40% of instructional time for conducting laboratory and field investigations. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Scientific process skills (process standards) including safe practices as outlined in the Texas Safety Standards and the use and conservation of resources are integrated into the content.

AP Chemistry

Local: 18050

TEA: A3040000

Grade Level: 11-12

Prerequisite: Successful completion of Chemistry Pre-AP.

Credit: 1

Content requirements for Advanced Placement (AP) Chemistry are prescribed in the College Board Publication Advanced Placement Course description: Chemistry, published by the College Board. Approved College Board teacher syllabus required.

IB Chemistry, Standard Level

Local: 20211

TEA: I3040003

Grade Level: 11-12

Prerequisite:

Credit: 1

The IB Chemistry course provides a practical application of Chemistry as a foundational Science. Students have opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. The investigations may be laboratory based or they may make use of simulations and data bases. Students develop the skills to work independently on their own design, but also collegiately to mirror the way in which scientific research is conducted in various parts of the World.

Physics

Local: 18040

TEA: 03050000

Grade Level: 10-12

Prerequisite: Successful completion of Algebra I and Biology.

Credit: 1

This course addresses all Physics TEKS SEs. This course includes at least 40% of instructional time for conducting laboratory and field investigations. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. It provides a conceptual framework, factual knowledge, and analytical and scientific skills. Scientific process skills (process standards) including safe practices as outlined in the Texas Safety Standards and the use and conservation of resources are integrated into the content.

AP Physics I

Local: 18043

TEA: A3050003

Grade Level: 11-12

Prerequisite: Completed Algebra Pre-AP and Biology.

Credit: 1

Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in a concurrent math course or in the AP Physics 1 course itself. Content requirements for Advanced Placement (AP) Physics 1 are prescribed in the College Board. This course is an Algebra based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introductory simple circuits. Approved College Board teacher syllabus required.

AP Physics II

Local: 18044

TEA: A3050004

Grade Level: 11-12

Prerequisite: AP Physics I

Credit: 1

Content requirements for Advanced Placement (AP) Physics 2 are prescribed in the College Board Publication Advanced Placement Course description. This course is an algebra-based, introductory college-level course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. Approved College Board teacher syllabus required.

IB Physics, Higher Level

Local: 20210

TEA: I3100100

Grade Level: 11-12

Prerequisite:

Credit: 1

This IB Physics course is a higher-level comprehensive Physics course consisting of 240 hours of study over a 2-year period. The curriculum is an in depth study of the fundamentals of experimental Physics. The course consists of lecture and laboratory sections and a group IV project. The content of the course is designed to offer an explanation of the origins of the universe and galaxies from the smallest particles of matter. Students will culminate their learning with a detailed external assessment at the end of the senior year of study

AP Environmental Science

Local: 18080

TEA: A3020000

Grade Level: 11-12

Prerequisite: Algebra I and two years of high school Pre-AP Sciences

Credit: 1

Content requirements for Advanced Placement (AP) Environmental Science are prescribed in the College Board Publication Advanced Placement Course Description: Environmental Science, published by The College Board. Approved College Board teacher syllabus required.

Environmental Systems

Local: 18090

TEA: 03020000

Grade Level: 11-12

Prerequisite: None

Credit: 1

This course addresses all of the Environmental Systems TEKS SEs. This course emphasizes a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments. This course may also be used as a third or fourth science credit under the HB5 graduation requirements for students who have entered Grade 9 in the 2014- 2015 school year and thereafter.

Earth and Space Science

Local: 18095

TEA: 03060200

Grade Level: 11-12

Prerequisite: Three units of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently

Credit: 1

This course addresses all of the Earth and Space Science TEKS SEs. 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. This course focuses on three themes: Earth in space and time; Solid Earth; and Fluid Earth. This course may also be used as a third or fourth science credit under the HB5 graduation requirements for students who have entered Grade 9 in the 2014- 2015 school year and thereafter.

Forensic Science

Local: 16745

TEA: 13029500

Grade Level: 11-12

Prerequisite: Biology and Chemistry

Credit: 1

Forensic Science 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 learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students learn the history, legal aspects, and career options for forensic science. The course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

Advanced Animal Science

Local: 16010

TEA: 13000700

Grade Level: 12

Prerequisite: A minimum of 1 credit from courses in the AFNR clusters.

Credit: 1

The course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Students conduct field and laboratory investigations. Areas of study include animal reproduction and breeding, molecular genetics and heredity, animal anatomy and physiology, nutritional requirements of ruminant and non-ruminant animals, and animal diseases and parasites. The course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. This course may also be used as a third or fourth science credit under the HB5 graduation requirements for students who have entered Grade 9 in the 2014- 2015 school year and thereafter.

Food Science

Local: 16053

TEA: 13023000

Grade Level: 11-12

Prerequisite: Principles of Tourism course

Credit: 1

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. The course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. This course may also be used as a third or fourth science credit under the HB5 graduation requirements for students have entered Grade 9 in the 2014-2015 school year and thereafter.

Anatomy and Physiology

Local: 16465

TEA: 13020600

Grade Level: 11-12

Prerequisite: Three credits of science

Credit: 1

In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be Presented through an integration of biology, chemistry, and physics. Students study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. This course must include at least 40% laboratory investigate and fieldwork using appropriate scientific inquiry. This course may also be used as a third or fourth science credit under the HB5 graduation requirements for students who have entered Grade 9 in the 2014- 2015 school year and thereafter.

Pathophysiology

Local: 16470

TEA: 13020800

Grade Level: 11-12

Prerequisite: Three credits of science

Credit: 1

In this course students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Students study disease processes and how humans are affected. Emphasis is placed on Prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology. The course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. This course may also be used as a third or fourth science credit under the HB5 graduation requirements for students who have entered Grade 9 in the 2014- 2015 school year and thereafter.

AP Computer Science A

Local: 16663

TEA: A3580100

Grade Level: 10-12

Prerequisite: Algebra II, CS I or CS Fundamentals

Credit: 1-2

This course is a continuation of CS I, and is a first-year college level course using JAVA. Students develop the kind of knowledge required to produce professional computer software. This course prepares the student for the Computer Science AP Exam. The course is ideal for students who plan to attend a 4-year university majoring in Computer Science, math, science, or engineering. The course may be successfully completed as a mathematics credit toward high school graduation and as “fourth mathematics credit” for endorsements earned for a coherent sequence of courses. Approved College Board teacher syllabus required.

AP Computer Science A and Principles (PLTW)

Local: 16650

TEA: A3580300

Grade Level: 10-12

Prerequisite: Intro to Eng. Design

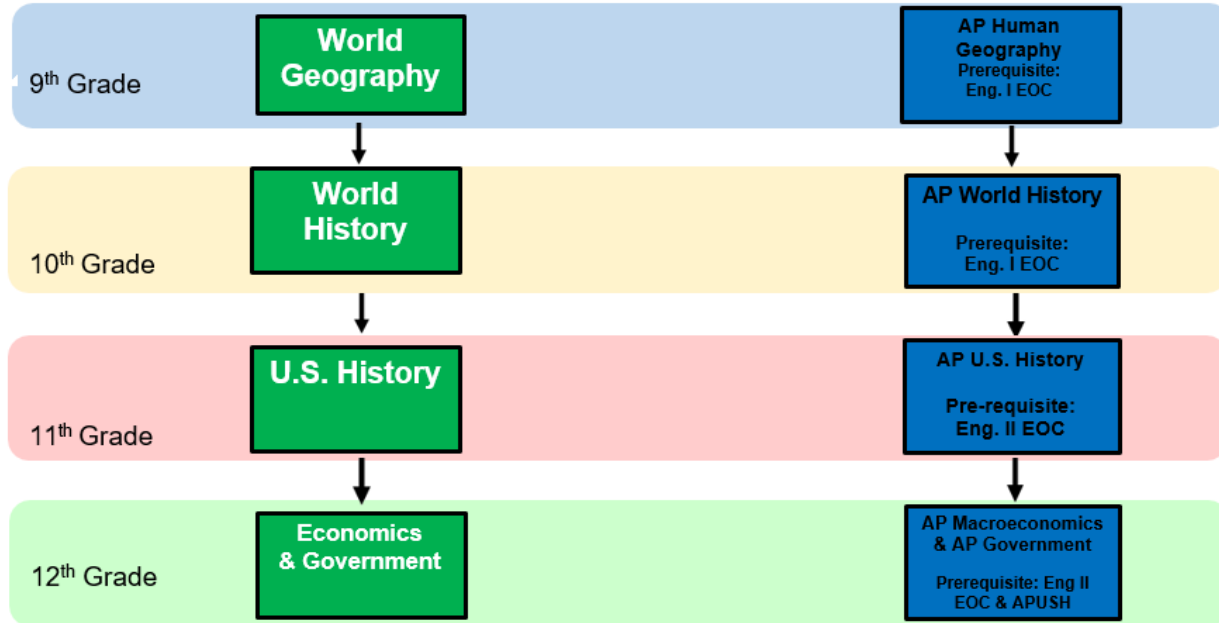
Credit: 1

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP’s offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment. Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course.

Recommended Social Studies Course Sequence

HS Social Studies Course Sequencing

***A student must meet or master Social Studies STAAR (8th grade) and STAAR English I and English II EOC (9th & 10th grade) to be admitted into Pre-AP/AP Social Studies courses.**



Social Studies

World Geography

Local: 19010

TEA: 03320100

Grade Level: 9-10

Prerequisite: None

Credit: 1

This course emphasizes the interaction of people and culture with their physical environments in the major regions of the World. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. NOTE: Students may not combine World History and World Geography semesters to meet graduation requirements.

World Geography, Pre-AP

Local: 19011

TEA: 03320100

Grade Level: 9-10

Prerequisite: 8th Grade STAAR Social Studies Performance

Credit: 1

This course includes World Geography TEKS and prepares students for Advanced Placement coursework in social studies. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. (See note at World Geography Studies.)

AP Human Geography

Local: 19013

TEA: A3360100

Grade Level: 9-12

Prerequisite: 8th Grade STAAR Social Studies Performance or English I STAAR Performance

Credit: 1.0

This AP course fulfills the requirement for World Geography and provides the student with a learning experience equivalent to that obtained in a college course. This course introduces the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Approved College Board teacher syllabus required.

World History

Local: 19020

TEA: 03340400

Grade Level: 9-10

Prerequisite: None

Credit: 1

Traditional historical points of reference in World History are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments

evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical tradition

AP World History

Local: 19021

TEA: A3370100

Grade Level: 9-10

Prerequisite: English I STAAR Performance

Credit: 1

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present with an **emphasis on 1200 C.E. to the present**. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources, making historical comparisons, utilizing reasoning about contextualization, causation, and continuity and change over time, and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment, development and interaction of cultures, state building, expansion, and conflict, creation, expansion, and interaction of economic systems, and development and transformation of social structures.

United States History Since 1877

Local: 19030

TEA: 03340100

Grade Level: 11

Prerequisite: World Geography and/or World History or AP Human Geography

Credit: 1

This is a survey course of the history of the United States from reconstruction to the present with emphasis on domestic and foreign affairs, industrialization, westward movement, social and cultural development, and recognizing democratic principles and beliefs while exploring the role of the United States in World War I, World War II, and Vietnam.

AP United States History

Local: 19031

TEA: A3340100

Grade Level: 11

Prerequisite: English II STAAR Performance

Credit: 1

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. History course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources, developing historical arguments, making historical comparisons, and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity, migration and settlement, politics and power, work, exchange, and technology, America in the world, geography and the environment, and culture and society.

U.S. Government

Local: 19040

TEA: 03330100

Grade Level: 11-12

Prerequisite: U.S. History

Credit: .5

This course involves both the study of general concepts used to interpret U.S. Government and politics, as well as the analysis of specific case studies. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. The course requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality.

AP United States Government

Local: 19041

TEA: A3330100

Grade Level: 12

Prerequisite: STAAR EOC U.S. History Performance

Credit: .5

Upon completion of this one semester course, the students will have a richer understanding of the American political system and its foundation, structure, and functions to the extent he or she will develop their own political identify. It prepares students with college level writing skills, knowledge of facts, theories, court cases, and an ability to evaluate and analyze pertinent information relevant to the Advanced Placement exam. Approved College Board teacher syllabus required.

Economics

Local: 19050

TEA: 03310300

Grade Level: 12

Prerequisite: US Government (Recommended)

Credit: .5

Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. This course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, international economics and personal financial literacy.

AP Macroeconomics

Local: 19051

TEA: A3310200

Grade Level: 11-12

Prerequisite: English II EOC or APUSH

Credit: .5

AP Macroeconomics is designed to introduce students to fundamental economics concepts. It will provide students an overview of how the economy works and allow students to apply economic concepts to a variety of situations. Coverage of these concepts will prepare students for the Advanced Placement Macroeconomics exam, as well as give students a

thorough understanding of the United States economic system as a whole. This knowledge will provide a base for future decision making.

IB History of the Americas I, Higher Level

Local: 20701

TEA: I3301300

Grade Level: 11-12

Prerequisite: IB admittance

Credit: 1

The History of the Americas course will embark students on a journey through conquest and its impact. We will journey through industrialization and its impact on the early civilized world. The students will walk through early Europe and America on their way to discovery and greatness. The second year of the course will take the students through Civil Rights and the Impact wars have had on the total civilization of the planet.

IB History of the Americas II, Higher Level

Local: 20702

TEA: I3301300

Grade Level: 11-12

Prerequisite: IB admittance

Credit: 1

The History of the Americas course will embark students on a journey through Conquest and its Impact. We will journey through industrialization and its impact on the early civilized World. The students will walk through early Europe and America on their way to discovery and greatness. The Second year of the course will take the students through Civil Rights and the Impact wars have had on the total civilization of the planet.

IB Theory of Knowledge

Local: 20401

TEA: I3000100

Grade Level: 11-12

Prerequisite: Must have met the Texas Success Initiative (TSI) standard in Reading.

Credit: 1

This course provides students with the opportunity to survey major topics in psychology. The course introduces the study of behavior and the factors that determine and affect behavior.

Psychology

Local: 19060

TEA: 0335100

Grade Level: 11-12

Prerequisite: None

Credit: .5

This course introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are introduced to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology as well as scientific methods and practice.

Sociology

Local: 19070

TEA: 03370100

Grade Level: 11-12

Prerequisite: None

Credit: .5

This course examines dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society. In an increasing interdependent world, students need to recognize how group behavior affects both the individual and society.

AP Psychology

Local: 19061

TEA: A3350100

Grade Level: 11-12

Prerequisite: None

Credit: .5

This AP course introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are introduced to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology as well as scientific methods and practice.

Special Topics Social Studies: African American History

Local: 19090

TEA: 03380002

Grade Level: 10-12

Prerequisite: None

Credit: .5

This course provides students the opportunity to apply the knowledge and skills of the social sciences to a variety of topics and issues related to United States law and legal procedures. Students analyze, evaluate, and, in some situations, resolve legal disputes. Problem-solving and decision-making are important elements of the course. Students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live.

Social Studies Advanced Studies: Bible Literacy

Local: 19080

TEA: 03380001

Grade Level: 10-12

Prerequisite: Approval by Social Studies Department

Credit: .5

Submit proposal with the standards and topics outlined to the Social Studies Department. Studies to earn state credit for developing, researching, and presenting their mentorship or independent study advanced measure. This course provides students an opportunity to conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students investigate a problem or concern related to global social and political issues, and research topics using a variety of technologies.

United States History (Dual Credit) DCCCD 1301

Local: 19038

TEA: 03340100

Grade Level: 11

Prerequisite: Must have met Texas Success Initiative (TSI) in Reading and Writing standards and DCCCD Writing Score Prerequisite requirement.

Credit: 1

The history of the United States is presented, beginning with the European background and first discoveries. The pattern of exploration, settlement, and development of institutions is followed throughout the colonial period and the early national experience to 1877.

United States History (Dual Credit) DCCCD HIST 1302

The history of the United States is surveyed from the Reconstruction Era to the present day. The study includes social, economic, and political aspects of American life. The development of the United States as a World power is followed.

Introduction to Sociology (Dual Credit DCCCD SOCI 1301)

Local: 13086

TEA: 03370100

Grade Level: 11-12

Prerequisite: Must have met the Texas Success Initiative (TSI) standard in Reading and Writing
Credit: .5

This course is a sociological study of social behavior and social structures, emphasizing the importance of a knowledge and appreciation of the multi-cultural and multi-ethnic dimensions of society. Topics include cultural elements such as values, norms, beliefs, language, and roles, as well as group processes, social conflict and social change.

Introduction to Psychology (Dual Credit)

Local: 13085

TEA: 03350100

Grade Level: 11-12

Prerequisite: Must have met the Texas Success Initiative (TSI) standard in Reading and Writing
Credit: .5

This course provides students with the opportunity to survey major topics in psychology. The course introduces the study of behavior and the factors that determine and affect behavior.

U.S. Government (Dual Credit)

Local: 19037

TEA: 3330100

Grade Level: 11-12

Follow the Dual Credit Guidelines Prerequisite: Must have met the Texas Success Initiative (TSI) Writing Standard
Credit: .5

This course is an introduction to the study of political science. Topics include the origin and development of constitutional democracy (United States and Texas), federalism and intergovernmental relations, local governmental relations, local government, parties, politics, and political behavior. (To ensure transferability, students should plan to take both Government 2301 and 2302 within the DCCCD).

Economics (Dual Credit)

Local: 13084

TEA: 03310300

Grade Level: 11-12

Follow the Dual Credit Guidelines Prerequisite: Must have met the Texas Success Initiative (TSI) standard

Credit: .5

Students will apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues through the study of the following topics: basic principles of production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world, the interaction of supply, demand, and price, the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy, the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system, the types of business ownership and market structures; and personal financial literacy

Languages Other Than English (LOTE)

Spanish I

Local: 17300

TEA: 03440100

Grade Level: 9-12

Prerequisite: None

Credit: 1

This course is an introduction to the Spanish language, grammar, and Hispanic cultures while developing the skills in listening and reading comprehension, speaking, and writing. The main goal for this course is for students to progress toward a novice-high level ability in using Spanish in school and in the community. Studies of Hispanic culture and history are introduced.

Spanish for Native Speakers I

Local: 17360

TEA: 03440110

Grade Level: 9-12

Prerequisite: Native/Heritage Spanish speakers or as Prescribed by the Language Proficiency Test (LPT).

Credit: 1

This course incorporates the study of the Spanish language and Hispanic culture to assist students in understanding and appreciation of Hispanic culture. The main objective is to enrich the students' total language experience by building on the language proficiency they already possess. Their skills are enhanced in accordance with the level of language proficiency of the student. The focus is on increasing students' ability to use Spanish flexibly for both formal and informal situations and on developing their literacy skills. Students should possess Intermediate low proficiency at the beginning of the course and progress through Intermediate mid by the end.

Spanish II

Local: 17320

TEA: 03440200

Grade Level: 9-12

Prerequisite: Spanish I or World Language Director's approval

Credit: 1

This course continues students' progress through the novice levels into the intermediate levels in Spanish. The main goal for this course is for students to develop an intermediate low level proficiency by using Spanish in school and in the World community. Studies of Hispanic culture and history are explored.

Spanish II, Pre-AP

Local: 17321

TEA: 03440200

Grade Level: 9-12

Prerequisite: Spanish I or World Language Director's approval

Credit: 1

This course continues students' progress through the novice levels into the intermediate levels in Spanish. The main goal for this course is for students to develop an intermediate low level proficiency by using Spanish in school and in the World community. Studies of Hispanic culture and history are explored.

Spanish III

Local: 17330

TEA: 03440300

Grade Level: 9-12

Prerequisite: Spanish II or World Language Director's approval

Credit: 1

This course continues students' progress through the novice levels into the intermediate levels in Spanish. The main goal for this course is for students to develop an intermediate low level proficiency by using Spanish in school and in the World community. Studies of Hispanic culture and history are explored.

Spanish III, Pre-AP

Local: 17331

TEA: 03440300

Grade Level: 9-12

Prerequisite: Spanish II or World Language Director's approval

Credit: 1

This rigorous course focuses on maximizing fluency in reading and listening comprehension, speaking, and writing the Spanish language in Preparation for the AP Spanish Language course (3958). The course incorporates the study of Spanish language, Hispanic cultures, history, and literature to form a base for analytical writing that demonstrates correct grammar applications, and critical writing concepts, formats, and styles.

AP Spanish IV Language and Culture

Local: 17341

TEA: A3440100

Grade Level: 9-12

Prerequisite: Spanish III, Native Speakers, a minimum of intermediate high proficiency on an

ACTFL approved proficiency test, or World Language Chair approval.

Credit: 1

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and Presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

The course follows the College Board AP curriculum and the Texas Essential Knowledge and Skills (TEKS) for Languages Other than English (LOTE). The course offers students the opportunity to take the AP Spanish Language examination. Students scoring 3 or better on the exam may be able to earn college credit at many colleges. Successful completion of this course fulfills one of the four required credits towards the Multidisciplinary Studies Endorsement. An approved College Board teacher syllabus is required.

AP Spanish V Literature and Culture

Local: 17351

TEA: A3440200

Grade Level: 9-12

Prerequisite: Native Speakers AP Spanish IV, Advanced mid proficiency on an ACTFL approved proficiency test, or World Language Chair approval.

Credit: 1

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, Presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures Present in the required readings.

Students will be expected to attain advanced high proficiency or higher by the end of the course in order to be successful on the AP Spanish Literature exam.

The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism an approved College Board teacher syllabus is required.

IB Language B (Spanish), Standard Level

Local: 20601

TEA: I3440400

Grade Level: 11

Prerequisite:

Credit: 1

The Spanish Standard Level course focuses on developing students' language proficiency and cultural awareness. In this course, students will improve listening, speaking, reading and writing skills in Spanish while discussing authentic sources, as well as current events. Correct use of grammar and syntax will be acquired contextually in situations which range from useful

everyday language to that which is analytical and abstract.

French I

Local: 17000

TEA: 03410100

Grade Level: 9-12

Prerequisite: None

Credit: 1

This course is an introductory study of the French language and culture incorporating the development of listening and reading comprehension, speaking, and writing. The main goal for this course is for students to develop a novice high level proficiency by using French in school and in the World community. Studies of French culture and history are included.

French II

Local: 17020

TEA: 03410200

Grade Level: 9-12

Prerequisite: French I or as Prescribed by the Language Proficiency Test (LPT).

Credit: 1

This course continues students' progress through the novice levels into the intermediate levels in French. The main goal for this course is for students to develop an intermediate low level proficiency by using French in school and in the World community. Studies of French culture and history are explored.

French II, Pre-AP

Local: 17021

TEA: 03410200

Grade Level: 9-12

Prerequisite: French I or as Prescribed by the Language Proficiency Test (LPT).

Credit: 1

This course continues students' progress through the novice levels into the intermediate levels in French. The main goal for this course is for students to develop an intermediate low level proficiency by using French in school and in the World community. Studies of French culture and history are explored.

French III

Local: 17030

TEA: 03410300

Grade Level: 9-12

Prerequisite: French II or as Prescribed by the Language Proficiency Test (LPT).

Credit: 1

Students continue to work toward an intermediate-mid level of proficiency in the French language. Focus is on the improvement of speaking and listening, as well as expanding reading and writing skills. Additional in-depth studies of French culture and of French-speaking people throughout the World are explored in more depth.

French III, Pre-AP

Local: 17031

TEA: 03410300

Grade Level: 9-12

Prerequisite: French II or as Prescribed by the Language Proficiency Test (LPT).

Credit: 1

This rigorous course focuses on maximizing fluency in reading and listening comprehension, speaking, and writing the French language, and moving towards proficiency at the intermediate-high level, in preparation for the AP French Language course (3654). The course incorporates the study of French language, cultures, history, and literature to form a base for analytical writing that demonstrates correct grammar applications, and critical writing concepts, formats, and styles. Additional in-depth studies of French culture and of French-speaking people throughout the World are explored in more depth.

AP French IV Language and Culture

Local: 17041

TEA: A3410100

Grade Level: 9-12

Prerequisite: French III or as Prescribed by the Language Proficiency Test (LPT).

Credit: 1

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). The course follows the College Board AP curriculum and the Texas Essential Knowledge and Skills (TEKS) for Languages Other than English (LOTE). The course offers students the opportunity to take the AP French Language examination. Students scoring 3 or better on the exam may be able to earn college credit at many colleges. Successful completion of this course fulfills one of the four required credits towards the Multidisciplinary Studies Endorsement. An approved College Board teacher syllabus is required.

IB Language B (French) Ab Initio, Standard Level

Local: 20602

TEA: I3410400

Grade Level: 11

Prerequisite:

Credit: 1

The main emphasis of the French Standard Level course is on the acquisition and use of language in a range of contexts and for different purposes. The course also aims to promote an understanding of French culture through the study of its language.

Fine Arts

Please note the following:

- Physical Education Credit (1/2) will be awarded for the fall semester of Marching Band.
- Members of Wind Symphony, Symphonic I, Symphonic II, and Concert Band must be enrolled in five other classes for UIL eligibility.
- Band members who have scheduling conflicts with a particular band class **MUST** speak with the Director of Bands and then substitute another band class period.
- Students should not be dropped from performance based fine arts classes (band, choir, dance, theater) without notification to the director(s).

AP Music Theory

Local: 13146

TEA: A3150200

Grade Level: 10-12

Prerequisite: Proficiency exam or teacher approval

Credit: 1

This course is intended to prepare students for college level music studies while in high school. Central to this course will be listening, score analysis, keyboard theory, composition, music literacy, sight singing, and basic piano proficiency. Students should have prior knowledge/study of music and the ability to play an instrument. Students will be expected to take the AP exam and complete class projects which may require out of school time.

Approved College Board teacher syllabus required.

Beginning Handbells

Local: 13190

TEA: 03151700

Grade Level: 9-12

Credit: .5

The Beginning Handbells is a non-auditioned group of high school men and women who have an interest in learning an instrument. Students will explore the elements of music including basic music theory while learning proper handbell techniques. They will rehearse a variety of music. This group will performance concerts throughout the year.

Functional Piano I

Local: 13185

TEA: 03154200

Grade Level: 9-12

Credit: 1

Students will be introduced to various aspects of piano performance and display introductory knowledge of melodic and harmonic structure, scales, chord progressions, basic sight reading, and performance repertoire. Performances will be required.

Functional Piano II

Local: 13186

TEA: 03154300

Grade Level: 10-12

Prerequisite: Functional Piano I and teacher approval

Credit: 1

Continuation of Functional Piano I. Students will continue to be exposed to various aspects of piano performance and display proficiency of melodic and harmonic structure, scales, chord progressions, basic sight reading, and performance repertoire. Performances will be required.

Handbell Ensemble

Local: 13199

TEA: 03151800

Grade Level: 10-12

Prerequisite: Audition or teacher approval

Credit: 1

Handbell Ensemble is a select group of high school men and women with past ringing experience who exhibit high levels of commitment and dedication to DHS and its overall success. This ensemble will learn advanced ringing techniques as well as rehearsed advanced music. Teamwork and diligence are emphasized as the most important qualities a handbell choir can possess. The Ensemble will perform community and school concerts throughout the year.

Art I

Local: 13100

TEA: 03500100

Grade Level: 9-12

Credit: 1

An introductory art course, students acquire foundational visual literacy skills through observation and perception, creative expression, global awareness and critical evaluation and response. Using a variety of materials and methods to create original artworks, students explore the elements of art and principles of design through drawing, painting, printmaking, ceramics, sculpture and digital media. All students construct and compile a portfolio to provide evidence of learning and growth.

Art II

Local: 13120

TEA: 03500200

Grade Level: 10-12

Prerequisite: Art I

Credit: 1

In this course, students combine technical skills and knowledge from Art I to develop an individual style and voice to communicate ideas. Artworks articulate responses to personal and global issues through the integration of traditional and electronic media. Using specialized techniques in pencil, ink, charcoal, pastel, mixed media and printmaking, students explore abstract, conceptual, gestural, imaginative and figurative renderings. An introduction to oil painting, students experiment with abstraction, conceptual, gestural, imaginative, figurative and personal imagery to create a body of work.

Art III

Local: 13130

TEA: 03500300

Grade Level: 11-12

Prerequisite: Art II and teacher approval

Credit: 1

In this course, students combine technical skills and knowledge from Art II to develop an individual style and voice to communicate ideas. Artworks articulate responses to personal and global issues through the integration of traditional and electronic media. Portfolios present artworks in diverse formats, preparing students for AP courses. Using specialized techniques in pencil, ink, charcoal, pastel, mixed media and printmaking, students explore abstract, conceptual, gestural, imaginative and figurative renderings. An introduction to oil painting, students experiment with abstraction, conceptual, gestural, imaginative, figurative and personal imagery to create a body of work.

AP Studio Art 2D

Local: 13131

TEA: A3500400

Grade Level: 11-12

Prerequisite: Art II and teacher approval

Credit: 1

In this course, students combine technical skills and knowledge from Art II to develop an individual style and voice to communicate ideas. Artworks articulate responses to personal and global issues through the integration of traditional and electronic media. Portfolios present artworks in diverse formats, preparing students for AP courses. Using specialized techniques in pencil, ink, charcoal, pastel, mixed media and printmaking, students explore abstract, conceptual, gestural, imaginative and figurative renderings. An introduction to oil painting, students experiment with abstraction, conceptual, gestural, imaginative, figurative and personal imagery to create a body of work.

AP Studio Art

Local: 13141

TEA: 03502400

Grade Level: 12

Prerequisite: Art III

Credit: 1

In this course, students combine technical skills and knowledge from Art III to develop an individual style and voice to communicate ideas. Artworks articulate responses to personal and global issues through the integration of traditional and electronic media. Using specialized techniques in pencil, ink, charcoal, pastel, mixed media and printmaking, students explore abstract, conceptual, gestural, imaginative and figurative renderings. An introduction to oil painting, students experiment with abstraction, conceptual, gestural, imaginative, figurative and personal imagery to create a body of work. Approved College Board teacher syllabus required.

IB Visual Arts, Standard Level

Local: 20506

TEA: 13600200

Grade Level: 11-12

Credit: 1

The first year course is based on in-depth art media examination and later on the study of art related concepts, art history, criticism and various themes in greater depth. Students will be given the chance to explore and examine the roles of various art media to reflect themes of personal and cultural significance. The course is project based and both Investigation Workbook and Studio Work will be assessed internally in every project according to the criteria designed by IB. (The minimum requirement is 6-8 projects per school year, however, the general requirement is a project per month based on their investigation therefore 9-10 projects per year plus 1-2 in class projects/studies per month according to the teacher. To have a stronger collection of work, students are assigned a summer project as well).

IB Visual Arts, Higher Level

Local: 20507

TEA: 13600100

Grade Level: 11-12

Credit: 1

The second year course focuses on the students own independent study of their chosen theme, focus and art concepts in greater depth through both theoretical and practical work in written and visually in the Investigation Workbooks and Studio Work. These two components in every project will again be assessed internally during the school year as the art exam may take place as early as from February. The final stages of the second year will be the candidate record booklet preparation and the organization and set up of the exhibition/exam, which will be assessed externally for option B students the examiner will assess workbooks externally and the teacher will assess the artwork internally.

IB Design Technology, Standard Level

Local: 20504

TEA: I3030001

Grade Level: 11-12

Prerequisite:

Credit: 1-1.5

The aim of the IB Design Technology class is to expose students to approaching a problem from the eyes of a designer by implementing the IB Design Cycle (or Engineering Design Process). By considering all the limitations and constraints associated with a problem, students will have to tap into their sense of creativity in order to develop more innovative designs.

Concert Band

Local: 13240

TEA: 03150100

Grade Level: 9-12

Prerequisite: Audition Only

Credit: 1

Concert Band is a non-performing ensemble open to students not in the marching band. Students develop an appreciation of quality music and advanced instrumental skills through the study, rehearsal, and performance of various types and levels of instrumental music.

Students are involved in the rehearsal of easy to medium level band music and technical material.

Color Guard/Winter Guard

Local: 13230

TEA: 03150100

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

Color Guard is an integral of the DeSoto High School Eagle Marching Band in the fall semester. The spring semester consists of indoor competitions as part of the DeSoto High School Winter Guard.

Jazz Band

Local: 13241

TEA: 03151300

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

Jazz Band is designed as a supplemental ensemble to the DHS competitive bands. This class will serve as an introduction to the rich history of jazz music. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, the student will gain an understanding and appreciation for this great art form. Emphasis is placed on performance technique, but also rudimentary improvisational skills, musicianship, and a sense of personal accountability.

Marching Band (Fall Semester)

Local: 13200

TEA: 03150100

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1, Marching Band may also count for PE credit per TEA guidelines

Marching Percussion

Local: 13220

TEA: 03150100

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1, Marching Band may also count for PE credit per TEA guidelines

Marching percussion section. Students will perform as a part of the marching band. During the spring, some percussionists will continue in instrumental technique classes, while others are assigned to a spring band class (Wind Symphony, Symphonic I, Symphonic II, or Concert Band in place of Marching Band (Fall semester only).

Symphonic Band I

Local: 13210

TEA: 03150100

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

Symphonic Band I is an intermediate performance/competitive organization for students with

previous band experience. Emphasis is on the advancement of instrument technique, the further development of ensemble performance skills, and rehearsal and performance of intermediate level band music.

Symphonic Band II

Local: 13211

TEA: 03150200

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

Symphonic Band II is a non-competitive organization with activities that emphasize the development of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills. Further emphasis is placed on individual development via scales and small ensemble performances.

Twirling

Local: 14048

TEA: 03150200

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

The DeSoto High School Twirlers are an integral part of the DeSoto High School Eagle Marching Band in the fall semester and compete in indoor competitions in the spring semester including UIL.

Wind Symphony (Spring Semester)

Local: 13235

TEA: 03150100

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

The DeSoto Wind Symphony is an upper-level performance/competitive organization for accomplished wind and percussion players. Wind Symphony offers students great variety and challenge in musical performance, including experiences in chamber music, analysis, theory, and history.

Acappella Choir

Local: 13180

TEA: 03151200

Grade Level: 9-12

Prerequisite: Audition Only

Credit: 1

Acappella Choir is an auditioned choir comprised of freshman through senior men and women with past singing experience, a high level of sight-reading skill and an outstanding academic record who exhibit high levels of commitment and dedication to DHS and its overall success. This course is specifically designed for the advanced vocal student who has proven through audition, the ability to perform above average in the areas of technical ability, sight-reading and listening skills. The choir will perform a variety of styles in music. The choir will perform concerts and all UIL events. Several outside of class rehearsals will be required to adequately prepare for performance.

Concert Choir

Local: 13160

TEA: 03150900

Grade Level: 9-12

Credit: 1

The Concert Choir is a non-auditioned choir comprised of high school students who are experiencing membership in choir for the first-time or have need of developing and improving rehearsal, vocal, and sight-reading skills.

Eagle Men's Choir

Local: 13155

TEA: 03151000

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

Eagle Men is an auditioned choir comprised of men, grades 9-12, with past singing and sight reading experience and who exhibit high levels of commitment and dedication to DHS and its overall success. Emphasis is placed on nurturing readings skills, musical ensemble performance, as well as building strong relationships. This is a full year class. Several outside-of-class rehearsals will be required to adequately prepare for performances.

Freshmen Ladies Choir

Local: 13150

TEA: 03150900

Grade Level: 9

Prerequisite: Audition or teacher approval

Credit: 1

The Freshman Ladies Choir is a non-auditioned choir comprised of 9th grade women who are experiencing membership in choir for the first time or have need of developing and improving rehearsal and sight-reading skills. The choir will perform several concerts throughout the year.

Junior Varsity Ladies Choir

Local: 13170

TEA: 03151100

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1

Junior Varsity Choir is an auditioned choir comprised of women, grades 9-12, with past singing experience and good sight-reading skills who exhibit high levels of commitment and dedication to DHS and its overall success. The JV choir will perform concerts throughout the year and will have opportunity to compete in All-Region and UIL events. Several outside of class rehearsals will be required to adequately prepare for performances.

Soul Singers

Local: 13156

TEA: 03151100

Grade Level: 9-12

Prerequisite: Teacher approval

Credit: 1

Soul Singers is a non-auditioned group of comprised of young men and women, grades 9-12, that are interested in learning about singing in a contemporary vocal ensemble. Repertoire will include genres of modern music including pop, gospel, soul, and jazz. This group performs at multiple concerts throughout the year but will not compete at UIL.

Dance 1

Local: 14045

TEA: 03830100

Grade Level: 9-12

Credit: 1

This course is a study of dance as a means to understand self and others, to communicate in dramatic form, to study history and culture, and to evaluate art. Dance genres may include modern, World dance, ballet, jazz, tap, and social dance. Out-of-school rehearsals and performances are required. Dance I fulfills the fine arts requirement for graduation.

Dance II

Local: 14046

TEA: 03830200

Grade Level: 10-12

Prerequisite: Dance I and teacher approval

Credit: .5-1

This course is a continues to build on the skills and experiences gained in Dance I. Students continue to study of dance a means to understand self and others, to communicate in dramatic form, to study history and culture and to evaluate art. Dance genres may include modern, world dance, ballet, jazz, tap, and social dance. Students, improvise, choreograph and perform. Out-of-school rehearsals and performances are required.

Dance III

Local: 14049

TEA: 03830300

Grade Level: 11-12

Prerequisite: Dance II and teacher approval

Credit: .5-1

This course continues to build on the skills and experiences gained in Dance II. Students continue to study of dance a means to understand self and others, to communicate in dramatic form, to study history and culture and to evaluate art. Dance genres may include modern, world dance, ballet, jazz, tap, and social dance. Students, improvise, choreograph and perform. Out-of-school rehearsals and performances are required.

Dance IV

Local: 14051

TEA: 03830400

Grade Level: 12

Prerequisite: Dance III and teacher approval

Credit: .5-1

This course continues to build on the skills and experiences gained in Dance III. Students continue to study of dance a means to understand self and others, to communicate in dramatic form, to study history and culture and to evaluate art. Dance genres may include modern, world dance, ballet, jazz, tap, and social dance. Students, improvise, choreograph and perform. Out-of-school rehearsals and performances are required.

DHS Dance Company (Dance Composition/Improvisation)

Local: 13431

TEA: 03832500

Grade Level: 10-12

Prerequisite: Dance 1 and teacher approval

Credit: .5-1

The focus of this course is on developing technical and performance skills, as well as productive work habits in relation to rehearsing, developing and practicing choreography and dance production. The students will learn choreography and will choreograph movement studies applying a variety of choreographic approaches and skills that will be performed in a variety of venues. This course is designed for intermediate to advanced level dancers, and also serves as an introduction to all facets of dance. Students will perform choreography and student-choreographed dances for district events, annual dance concerts and performances as requested. Designed to provide the student with practical performing opportunities.

Hip Hop Dance

Local: 13415

TEA: 03830900

Grade Level: 9-12

Credit: .5

Hip Hop dance introduces the student to Hip Hop culture through dance, free expression with the body/freestyle and choreography. Hip-hop dance will also explore the evolution of African-American Dance History and the history of African related dance from its beginnings in West Africa through the contemporary expressions of Hip Hop.

Eaglettes

Local: 14340

TEA: 03833400

Grade Level: 10-12

Prerequisite: Audition or teacher approval

Credit: 1 (Students receive one fine arts credit for the first year of Eaglettes and one physical education credit for each subsequent year enrolled in the class)

The student will be offered opportunities to explore the vocabulary of dance movement and to acquire fundamental skills in ballet, jazz, novelty, military, pom, high kick and prop. The student will explore stand routines, cheers, chants and marching fundamentals. All students will be required to have a right leg split and a double pirouette. The student will further develop creative expression through movement, develop an awareness of space, time and energy as design factors in dance and develop self-confidence through dance and

appreciation for dance as an art form.

JV Eaglettes

Local: 14345

TEA: 03833300

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: 1 (Students receive one fine arts credit for the first year of JV Eaglettes and one physical education credit for each subsequent year enrolled in the class)

The student will be offered opportunities to explore the vocabulary of dance movement and to acquire fundamental skills in ballet, jazz, novelty, military, pom, high kick and prop. The student will explore stand routines, cheers, chants and marching fundamentals. The student will further develop creative expression through movement, develop an awareness of space, time and energy as design factors in dance and develop self-confidence through dance and appreciation for dance as an art form.

Sacred Dance Ensemble

Local: 13432

TEA: 03833300

Grade Level: 9-12

Prerequisite: Audition or teacher approval

Credit: .5-1

Designed to provide the student with practical performing opportunities in sacred dance and worship arts idioms as they relate to ethnicity in their performance, aesthetics, and historical relevance. The students will learn and develop a cross-cultural examination of theatrical, social, and sacred dance

Theatre I

Local: 13300

TEA: 03250100

Grade Level: 9-12

Credit: 1

This course is for the first time theatre student. It begins with basic acting techniques, the role of the actor in interpreting dramatic literature, the historical evolution of performance styles, and the introduction to stagecraft. Out-of-school rehearsals for performances are required. Forms from different Afro-diasporic, Latin, Asian, American, and European cultures as well as their own choreography. Students will have opportunities to perform dance compositions in a variety of venues and for various occasions. Students will choreograph movement studies with a variety of choreographic approaches focused on sacred dance and worship arts.

Theatre II

Local: 13310

TEA: 03250200

Grade Level: 10-12

Prerequisite: Theatre I and teacher approval

Credit: 1

This course is an extension of the skills learned in Theatre I and emphasizes expressive use of the body and voice. It includes analyzing and interpreting scripts and characters, employs acting skills, classical production styles and career education. Out-of-school rehearsals for performances are required.

Theatre III

Local: 13355

TEA: 03250300

Grade Level: 11-12

Prerequisite: Theatre II and teacher approval

Credit: 1

This course builds on the background established in Theatre I and II, continuing the study of the cultural contributions of the theatre, its plays, and its performance and production styles and techniques. Students will have the opportunity to study mime, dance, and drama, theatre for children, musical theatre, radio, television, film, and career options. Out-of-school rehearsals and performances are required. Theatre III and IV may be taught concurrently.

Theatre IV

Local: 13357

TEA: 03250400

Grade Level: 11-12

Prerequisite: Theatre III and teacher approval

Credit: 1

This course builds on the background established in Theatre I-III, continuing the study of the cultural contributions of the theatre, its plays, its performance, production styles, and techniques. Students will have the opportunity to study mime, dance, and drama, theatre for children, musical theatre, radio, television, film, and career options. Out-of-school rehearsals and performances are required. Theatre III and IV may be taught concurrently.

Technical Theatre I

Local: 13330

TEA: 03250500

Grade Level: 9-12

Prerequisite: Teacher approval

Credit: 1

This course introduces students to stage equipment, stage safety procedures, weights and balances for stage rigging, the operation of scenery, makeup, sound, public relations programs, theatre management, lighting properties, and instruments. This course also introduces basic set construction and engineering principles for stage design. Out-of-school rehearsals and tech assistance for performances are required.

Technical Theater II

Local: 13340

TEA: 03250600

Grade Level: 10-12

Prerequisite: Theatre Tech I and teacher approval

Credit: 1

This course builds on skills introduced in Theatre Tech I. Students continue to learn stage equipment, stage safety procedures, weights and balances for stage rigging, the operation of scenery, makeup, sound, public relations programs, theatre management, lighting properties, and instruments. This course also introduces basic set construction and engineering principles for stage design. Out-of-school rehearsals and tech assistance for performances are required.

Technical Theater III

Local: 13350

TEA: 03251100

Grade Level: 11-12

Prerequisite: Theatre Tech II and teacher approval

Credit: 1

This course builds on skills developed in Theatre Tech II and combines theories of design and stagecraft techniques with the construction and operation of the various elements of technical theatre. Students learn all aspects of technical theatre: lighting, sound, set design and construction, costuming, makeup, and stage and house management. Students will be able to participate in all the behind-the-scenes action. Students will be expected to show a high level of self-motivation, creative problem-solving, organizational skills, talent (artistic and technical), and cooperation. Out- of-school rehearsals and tech assistance for performances are required. Theatre Tech III and IV may be taught concurrently.

Technical Theater IV

Local: 13356

TEA: 03251200

Grade Level: 12

Prerequisite: Theatre Tech III and teacher approval

Credit: 1

This course builds on skills developed in Theatre Tech III and combines theories of design and stagecraft techniques with the construction and operation of the various elements of technical theatre. Students learn all aspects of technical theatre: lighting, sound, set design and construction, costuming, makeup, and stage and house management. Students will be able to participate in all the behind-the-scenes action. Students will be expected to show a high level of self-motivation, creative problem-solving, organizational skills, talent (artistic and technical), and cooperation. Out- of-school rehearsals and tech assistance for performances are required. Theatre Tech III and IV may be taught concurrently.

IB Theater Arts, Standard Level

Local: 20501

TEA: I3750200

Grade Level: 11-12

Prerequisite:

Credit: .5

The IB Theatre course is a multifaceted theatre-making course of study. It gives students the opportunity to make theatre as creators, designers, directors and performers. It emphasizes the importance of working both individually and collaboratively as part of an ensemble. It offers the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists.

IB Theater Arts, Higher Level

Local: 20503

TEA: I3750300

Grade Level: 11-12

Prerequisite:

Credit: .5

The IB Theatre course is a multifaceted theatre-making course of study. It gives students the opportunity to make theatre as creators, designers, directors and performers. It emphasizes

the importance of working both individually and collaboratively as part of an ensemble. It offers the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists.

IB Visual Arts, Standard Level

Local: 20506

TEA: I3750200

Grade Level: 11-12

Prerequisite:

Credit: 1

This is an art course which is intellectually challenging for the college bound student. All entering students will need to have a developed sense of time management and a strong work ethic to ensure a successful outcome. The course demands both in class participation as well as work outside of class time. Students will be required to fulfill the IB requirements— gallery visits, extended essay, Visual Art Journal, gallery reports, projects, personal portfolio, extensive research, and an end of course exhibition of their own artwork in the spring semester. As with all International Baccalaureate courses, the hope is to build each students' self-confidence, create a well-rounded individual which is able to think critically, and cultivate problem-solving skills, which can prepare the student to be a citizen of our global community through the study of Fine Arts.

IB Visual Arts, Higher Level

Local: 20507

TEA: 13600100

Grade Level: 11-12

Prerequisite:

Credit: 1

This is an art course which is intellectually challenging for the college bound student. All entering students will need to have a developed sense of time management and a strong work ethic to ensure a successful outcome. The course demands both in class participation as well as work outside of class time. Students will be required to fulfill the IB requirements— gallery visits, extended essay, Visual Art Journal, gallery reports, projects, personal portfolio, extensive research, and an end of course exhibition of their own artwork in the spring semester. As with all International Baccalaureate courses, the hope is to build each students' self-confidence, create a well-rounded individual which is able to think critically, and cultivate problem-solving skills, which can prepare the student to be a citizen of our global community through the study of Fine Arts.

PHYSICAL EDUCATION

1. Students are required to complete two (2) semesters of physical education (PE) for graduation purposes. This is a total of one credit for the PE requirement for graduation.
2. No more than eight (8) semesters of athletics may be earned toward physical education credits and graduation.

Foundations of Personal Fitness

Local: 14040

TEA: PES00052

Grade Level: 9-12

Prerequisite: None

Credit: 1

This course represents a new approach to Physical Education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on health and wellness. Students improve their fitness within the class and learn the process of becoming fit. The concept of wellness, striving to reach optimal levels of health, is the cornerstone of this course. Students design their own personal fitness program.

Aerobic Activities

Local: 14050

TEA: PES00054

Grade Level: 9-12

Prerequisite: None

Credit: 1

This course represents aerobic activities that promote health and fitness. A major expectation of this course is for the student to continue aerobic activities and to design a personal fitness program based on aerobic activities. Competency in two or more aerobic activities is required.

Individual or Team Sports

Local: 14052

TEA: PES00055

Grade Level: 9-12

Prerequisite: None

Credit: 1

This course represents both individual and team sports that can be pursued for a lifetime. A major objective of this course is the continued development of health-related fitness and the selection of lifetime sports that are enjoyable.

Health Education

Local: 14030

TEA: 03810100

Grade Level: 9-12

Prerequisite: None

Credit: .5

This required course consists of strategies for Prevention, risk reduction, wellness and a planned program of skills integrated into the physical, mental, and social dimensions of health.

Boys (B) & Girls (G) Athletics**Basketball Prep I**

Local: 14055
TEA: PES00000
Grade Level: 9-12
Credit: .5-1

Basketball Prep II

Local: 14054
TEA: PES00000
Grade Level: 9-12
Credit: .5-1

Basketball I, II, III, IV (B)

Local: 14120, 14125, 14130, 14135
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Basketball I, II, III, IV (G)

Local: 14200, 14205, 14210, 14215
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Baseball I, II, III, IV

Local: 14140, 14145, 14150, 14155
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Cross Country I, II, III, IV

Local: 14310, 14315, 14316, 14317
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Golf I, II, III, IV (B)

Local: 14180, 14185, 14186, 14187
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Football I, II, III, IV

Local: 14100, 14105, 14110, 14115
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Soccer I, II, III, IV (B)

Local: 14170, 14175, 14176, 14177
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Soccer I, II, III, IV (G)

Local: 14240, 14245, 14246, 14247
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Softball I, II, III, IV

Local: 14260, 14265, 14266, 14267
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Swimming I, II, III, IV

Local: 14320, 14325, 14326, 14327
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Tennis I, II, III, IV

Local: 14300, 14305, 14306, 14307
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Track I, II, III, IV (B)

Local: 14160, 14165, 14166, 14167
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Track I, II, III, IV (G)

Local: 14250, 14255, 14256, 14257
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Volleyball I, II, III, IV (G)

Local: 14220, 14225, 14230, 14235
TEA: PES00001, PES00002, PES000003, PES00004
Grade Level: 9-12
Credit: .5-1

Wrestling I, II, III, IV (B)

Local: 14190, 14191, 14192, 14193
 TEA: PES00001, PES00002, PES000003, PES00004
 Grade Level: 9-12
 Credit: .5-1

Wrestling I, II, III, IV (G)

Local: 14290, 14291, 14292, 14293
 TEA: PES00001, PES00002, PES000003, PES00004
 Grade Level: 9-12
 Credit: .5-1

Cheerleading I, II, III, IV

Local: 14330, 14335, 14336, 14337
 TEA: PES00001, PES00002, PES000003, PES00004
 Grade Level: 9-12
 Credit: .5-1

JROTC**Junior Reserve Officer Training Corps I**

Local: 11000
 TEA: 03160100
 Grade Level: 9-12
 Prerequisite: None
 Credit: 1

This course is designed to develop leadership and Prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. This course can count as a PE substitution credit.

Junior Reserve Officer Training Corps II

Local: 11020
 TEA: 03160200
 Grade Level: 9-12
 Prerequisite: JROTC I
 Credit: .5-1

This course is designed to develop leadership and Prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical

exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. Increasing complexity for at each level.

Junior Reserve Officer Training Corps III

Local: 11030

TEA: 03160300

Grade Level: 9-12

Prerequisite: JROTC II

Credit: .5-1

This course is designed to develop leadership and Prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. Increasing complexity for at each level.

Junior Reserve Officer Training Corps IV

Local: 11040

TEA: 03160400

Grade Level: 9-12

Prerequisite: JROTC III

Credit: .5-1

This course is designed to develop leadership and Prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. Increasing complexity for at each level.

Junior Reserve Officer Corps Rifle Marksmanship

Local: 11045

TEA: 03160400

Grade Level: 9-12

Prerequisite:

Credit: .5-1

This course is designed to develop leadership and prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and

techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. Increasing complexity for at each level. Rifle marksmanship is a continuation of the core JROTC curriculum with additional emphasis on Preparation for competition and advanced shooting skills. Class size limited to 20 cadets.

Junior Reserve Officer Corps Command Staff Jr.

Local: 11038

TEA: 03160400

Grade Level: 9-12

Prerequisite:

Credit: .5-1

This course is designed to develop leadership and prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. Increasing complexity for at each level.

Junior Reserve Officer Corps Command Staff Sr.

Local: 11048

TEA: 03160400

Grade Level: 9-12

Prerequisite: JROTC Command Staff Jr.

Credit: .5-1

This course is designed to develop leadership and prepare students for a future as a responsible citizen, acquaint them with the organization of the Armed Forces, teach them weapon safety and marksmanship, basic drill, hygiene and first aid, map reading and techniques or oral communication. Throughout the sequence, these goals are broadened to include teamwork, problem solving skills leadership seminars, advanced drill and practical exercises in command, ceremonies, parades, military, history and service/career/ and or training opportunities. Numerous field trips and extracurricular activities are available and participation is encouraged. Uniforms will be issued at no expense to the cadets. Wearing of uniforms at designated periods is mandatory (once per week). Ability to participate in physical fitness training. Increasing complexity for at each level.

Special Education

Career Preparation I

Local: 16335

TEA: 85000203

Grade Level: 11-12

Prerequisite: ARD Recommendation

Credit: 2

This course addresses the skills necessary to maintain paid employment with a local business with specialized support. Students are required to work in a paid position. The content is determined by the student's Individual Education Program (IEP).

Career Preparation II

Local: 16340

TEA: 85000204

Grade Level: 11-12

Prerequisite: ARD Recommendation

Credit: 2

This course addresses the skills necessary to maintain paid employment with a local business with specialized support. Students are required to work in a paid position. The content is determined by the student's Individual Education Program (IEP).

Practicum in Health Sciences II

Local: 16648

TEA: 13020510

Grade Level: 11-12

Prerequisite: ARD Recommendation

Credit: 2

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The content is determined by the student's Individual Education Program (IEP).

Partners in Physical Education

Local: 14069

TEA: PES00052

Grade Level: 9-12

Prerequisite: Eligible for A.L.E Program or placement by ARD Committee.

Credit: .5-1

This is a success orientated physical education program featuring supervised peer tutors and individualized learning instruction. The course is designed to meet the unique physical education needs of students with disabilities who cannot meet the TEKS requirements or regular physical education because of physical, social, emotional, or behavioral limitations. This course is taught by a regular physical education teacher and is established as a regular unit of instruction in the master schedule. The purpose of this program is to encourage physical activity, increase knowledge of health and fitness strategies, and to assist in the acquisition of individual lifetime recreation activities and/or skills associated with team sports. The focus of this course is on students with disabilities, peer teaching and individualized instruction, expanded

curriculum, and to create a more inclusive school environment.

Peer Assistance for Students with Disabilities I

Local: 11271

TEA: N1290203

Grade Level: 10-12

Prerequisite: Students must submit an application to become a peer tutor. Parents and students must sign a permission form allowing the student to become a Peer Tutor.

Credit: .5-1

This is a success-oriented physical education program featuring supervised peer tutors and individualized learning and instruction. The focus of the course is to encourage a variety of physical fitness activities, increase knowledge of health and fitness strategies and assist in the acquisition of individual and team lifetime recreational skills and activities. This course addresses the unique physical education needs of students with a variety of disabilities in a setting that allows for positive interaction with peers, achieve success, improve social skills and build self-esteem. Peers need to be encouraging at all times and dress appropriately for activities.

Peer Assistance for Students with Disabilities II

Local: 11272

TEA: N1290204

Grade Level: 10-12

Prerequisite: Students must submit an application to become a peer tutor. Parents and students must sign a permission form allowing the student to become a Peer Tutor.

Credit: .5-1

This is a success-oriented physical education program featuring supervised peer tutors and individualized learning and instruction. The focus of the course is to encourage a variety of physical fitness activities, increase knowledge of health and fitness strategies and assist in the acquisition of individual and team lifetime recreational skills and activities. This course addresses the unique physical education needs of students with a variety of disabilities in a setting that allows for positive interaction with peers, achieve success, improve social skills and build self-esteem. Peers need to be encouraging at all times and dress appropriately for activities.

Electives

Credit Recovery

Local: 10000

TEA: 85000001

Grade Level: 11-12

Prerequisite: Counselor/Principal Approval

Credit: .5-1

Students who are in need of additional course work to earn credit for courses they were not successful in passing.

Library Aide

Local: 11115

TEA: 85000015

Grade Level: 11-12

Prerequisite: Principal Approval

Credit: .5-1

Students assist with secretary in your charge of each suite. Students will experience the day to day operations of the library. Greeting parents, answering phone calls, organization and sorting.

Office Aide

Local: 11100

TEA:

Grade Level: 11-12

Prerequisite: Principal Approval

Credit: .5-1

Students assist with secretary in your charge of each suite. Students will experience the day to day operations of the suites. Greeting parents, answering phone calls, organization and sorting.

Student Council

Local: 11275

TEA: 85000025

Grade Level: 11-12

Prerequisite:

Credit: .5-1

Student Council is designed for those students that have an active interest in campus affairs and leadership.

Counselor Aide

Local: 11110

TEA: 85000005

Grade Level: 11-12

Prerequisite: Principal Approval

Credit: .5-1

Students assist with secretary in your charge of each suite. Students will experience the day to day operations of the suites. Greeting parents, answering phone calls, organization and sorting.

Touch System Data Entry

Local: 16250

TSDS PEIMS Code: 13011300 (TSDATAE)

Grade Placement: 9–10

Credits: .5

Prerequisite: None.

In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry skills for production of business documents.

Floral Design

**** This course could satisfy a fine arts credit requirement**

Local: 16090

TSDS PEIMS Code: 13001800 (FLORAL)

Grade Placement: 10–11

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.

Money Matters

Local: 16415

TSDS PEIMS Code: 13016200 (MONEYM)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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, and risk-management, retirement planning, and estate planning.

Business Information Management I

Local: 16260

TSDS PEIMS Code: 13011400 (BUSIM1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

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.

Advertising

Local: 16795

TSDS PEIMS Code: 13034200 (ADVERTIS)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The

course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

Dollars and Sense

Local: 16595

TSDS PEIMS Code: 13024300 (DOLLARSE)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

Lifetime Nutrition and Wellness

Local: 16570

TSDS PEIMS Code: 13024500 (LNURTWEL)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Social Media Marketing

Local: 16811

TSDS PEIMS Code: 13034650 (SMEDMKTG)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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

General Employability Skills

Local: 16351

TSDS PEIMS Code: N1270153 (GEMPLS)

Grade Placement: 9-12

Credit: 1

Prerequisite: None

Employability skills are the 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 an experiential learning process that takes place over time. This

course is designed to guide students through learning these skills that can be transferable among a variety of jobs and careers and are considered essential in any employment situation. Students will learn and apply basic knowledge of what is expected in the world of work.

Career Preparation I

Local: 16335

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Career Preparation II

Local: 16340

TSDS PEIMS Code: 12701400 (CAREERP2)

Grade Placement: 12

Credit: 2

Prerequisite: Career Preparation I.

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success.

Parenting Education I

Local: 16583

TSDS PEIMS Code: N1302536 (PAED1)

Grade Placement: 9-12

Credit: 1

Prerequisite: None

This course is designed to address the special needs and interests of students who are parents or expectant parents. Special emphasis is placed on prenatal care and development, postnatal care, infant care, child development, and parenting skills. Other units of study address personal development, responsible parenthood and adult roles, family problems and crises, conflict resolution, family health issues, nutrition, safety, management, and employability skills. Students develop the knowledge and skills to the multiple roles of student, parent, family member, and provider.

Parenting Education II

Local: 16584

TSDS PEIMS Code: N1302537 (PAED2)

Grade Placement: 10-12

Credit: 1

Prerequisite: Parenting Education I

Parenting Education II is designed to build on education and experiences from Parenting for School Age Parents I. This course provides more in-depth knowledge of parenting and child development including implications of expectations of children, child abuse, disabilities, and issues impacting young families such as employment, postsecondary education, transportation, child care, housing, and personal responsibility. Students develop the knowledge and skills to manage the multiple roles of being a student, parent, family member, and provider.

Collegiate Magnet Program/Early College High School

CMP Advanced Health Education Dual Credit (CMP ADVHLTH DC)

Local: 13040

TEA: 03810200

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – PHED 1304: Personal/Community Health

Emphasis is placed on relating course content to lifestyle to foster a better understanding of the major health issues of today. Current issues include, but are not limited to: emotional health, chemical use and abuse, human sexuality, major diseases, physical fitness, nutrition, aging, death and dying. This course does not satisfy the physical education activity course requirement.

CMP Art I Appreciation Dual (CMP Art I App DC)

Local: 13110

TEA: 3500100

Grade Level: 9-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course - ARTS 1301: Art Appreciation Prerequisite Required: College level ready in Reading.

Films, lectures, slides, and discussions focus on the theoretical, cultural, and historical aspects of the visual arts. Emphasis is on the development of visual and aesthetic awareness.

CVC Course – DRAM 1310: Introduction to Theater

The various aspects of theater are surveyed. Topics include plays, playwrights, directing, acting, theaters, artists, and technicians.

CMP Art II Drawing Dual Credit (CMP Art 2 DC)

Local: 13125

TEA: 13500500

Grade Level: 9-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – ARTS 1316: Drawing I

This beginning course investigates various media, techniques, and subjects. It explores perceptual and descriptive possibilities and considers drawing as a developmental process as well as an end in itself.

CMP Business Information Management (CMP BUSIM DC)

Local: 16816

TEA: 13011400

Grade Level: 10-12

Prerequisite:

Credit: .5

CVC Course – Business Computer Applications

Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, Presentation graphics, and business-oriented utilization of the Internet. This course will fulfill degree requirements established by the colleges of DCCCD only if this course has been successfully completed and the date of completion does not exceed 10 years.

CMP Chemistry Dual Credit (SCIRD DC)

Local: 18035

TEA: 13037200

Grade Level: 11-12

Prerequisite:

Credit: .5-1

CVC Course – CHEM 1405: Introduction to Chemistry

Prerequisite Required: DMAT 0305. College level ready in Reading.

Course Description: This course is for non-science majors. Fundamental concepts are Presented in lecture and laboratory including the periodic table, atomic structure, chemical bonding, reactions, stoichiometry, states of matter, properties of metals, nonmetals and compounds, chemical nomenclature, acid- base theory, oxidation-reduction and solutions. Descriptive chemistry is emphasized.

CVC Course – CHEM 1406: Introduction to Chemistry (Allied Health Emphasis) Prerequisite Required: DMAT 0305. College level ready in Reading.

Course Description: This is a survey course introducing chemistry to allied health students. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, environmental/consumer chemistry.

CVC Course – CHEM 1411: General Chemistry I

Prerequisite Required: MATH 1314 or equivalent academic Preparation. College level ready in Reading.

Course Description: Fundamental principles of chemistry for majors in the sciences, health sciences, and engineering; topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of gases, and an introduction to thermodynamics and descriptive chemistry. Basic laboratory activities will reinforce fundamental principles of general chemistry, introduction of the scientific method, experimental design, data collection and analysis, and Preparation of laboratory reports.

CVC Course – CHEM 1412: General Chemistry II Prerequisite Required: CHEM 1411.

Course Description: Chemical equilibrium; phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics; electrochemistry; nuclear chemistry; an introduction to organic chemistry and descriptive inorganic chemistry. Basic laboratory activities will reinforce fundamental principles of general chemistry, introduction of the scientific method, experimental design, chemical instrumentation, data collection and analysis, and Preparation of laboratory reports.

CMP Chemistry DC

Local: 18035

TEA: 13037200

Grade Level: 11-12

Prerequisite: None

Credit: 1

CVC Course – CHEM 1405: Introduction to Chemistry

Prerequisite Required: DMAT 0305. College level ready in Reading.

Course Description: This course is for non-science majors. Fundamental concepts are Presented in lecture and laboratory including the periodic table, atomic structure, chemical bonding, reactions, stoichiometry, states of matter, properties of metals, nonmetals and compounds, chemical nomenclature, acid- base theory, oxidation-reduction and solutions. Descriptive chemistry is emphasized.

CVC Course – CHEM 1406: Introduction to Chemistry (Allied Health Emphasis) Prerequisite Required: DMAT 0305. College level ready in Reading.

Course Description: This is a survey course introducing chemistry to allied health students. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, environmental/consumer chemistry.

CVC Course – CHEM 1411: General Chemistry I

Prerequisite Required: MATH 1314 or equivalent academic Preparation. College level ready in Reading.

Course Description: Fundamental principles of chemistry for majors in the sciences, health sciences, and engineering; topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of gases, and an introduction to thermodynamics and descriptive chemistry. Basic laboratory activities will reinforce fundamental principles of general chemistry, introduction of the scientific method, experimental design, data collection and analysis, and Preparation of laboratory reports.

CVC Course – CHEM 1412: General Chemistry II Prerequisite Required: CHEM 1411.

Course Description: Chemical equilibrium; phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics; electrochemistry; nuclear chemistry; an introduction to organic chemistry and descriptive inorganic chemistry. Basic laboratory activities will reinforce fundamental principles of general chemistry, introduction of the scientific method, experimental design, chemical instrumentation, data collection and analysis, and Preparation of laboratory reports.

CMP College Transitions Dual Credit (CLGTRN DC)

Local: 13000

TEA: N1290050

Grade Level: 9-10

Prerequisite: College level ready in Reading

Credit: .5

CVC Course – EDUC 1300: Learning Frameworks.

This interdisciplinary course addresses (1) research and theory in learning, cognition, and motivation; (2) factors that impact learning; and (3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply learning skills

discussed in the course. Students developing these skills should be able to continually draw from the theoretical models. Critical thinking serves as the foundation for different thematic approaches using a variety of academic disciplines.

CMP Dual Credit Independent Study in Math (INSTUMTH)

Local: 15011

TEA: 3102500

Grade Level: 10-12

Prerequisite: College ready in Mathematics algebra-based level

Credit: 1

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

CVC Course - MATH 1316: Plane Trigonometry Prerequisite Required: MATH 1314 or equivalent.

Course Description: In depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates, and parametric equations may be included.

CMP Earth and Space Science DC

Local: 18036

TEA: 03060200

Grade Level: 11-12

Prerequisite: None

Credit: 1

EARTH AND SPACE SCIENCE is a capstone course designed to build on prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time. An Earth- systems approach is used to investigate and study the themes of Earth in space and time, solid Earth and fluid Earth.

CMP Economics Dual Credit (CMP ECON DC)

Local: 19053

TEA: 03310300

Grade Level: 11-12

Prerequisite: College level ready in Reading

Credit: .5

CVC Course – ECON 2301: Principles of Macroeconomics

An introduction to principles of macroeconomics is presented. Economic principles are studied within the historical framework of classical, Keynesian, monetarist and alternative models.

Emphasis is given to national income determination, money and banking, and the role of monetary and fiscal policy in economic stabilization and growth. Other topics include international trade and finance.

CMP Environmental Systems

Local: 18037

TEA: 03020000

Grade Level: 11-12

Prerequisite: None

Credit: 1

CVC Course – BIOL 1406: Biology for Science Majors I Prerequisite Required: College level ready in Reading and Writing.

Course Description: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce these concepts
 CVC Course - BIOL 1407: Biology for Science Majors II Prerequisite Required: College level ready in Reading and Writing.

Course Description: An introductory survey of current biological concepts for students majoring in the sciences. The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Laboratory activities will reinforce study of these concepts.

CVC Course – BIOL 1408: Biology for Non-Science Majors I Prerequisite Required: College level ready in Reading and Writing.

Course Description: Presentation of biological concepts for the non-science major. Provides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function, and reproduction. Laboratory activities will reinforce these concepts.

CVC Course – BIOL 1409: Biology for Non-Science Majors II Prerequisite Required: College level ready in Reading and Writing.

Course Description: Presentation of biological concepts for the non-science major. This course will provide a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology. Laboratory activities will reinforce these concepts.

CMP Environmental Systems Dual Credit (ENVIRS DC)

Local: 18037

TEA: 3020000

Grade Level: 10-12

Prerequisite:

Credit: .5-1

CVC Course – BIOL 1406: Biology for Science Majors I Prerequisite Required: College level ready in Reading and Writing.

Course Description: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce these concepts

CVC Course - BIOL 1407: Biology for Science Majors II Prerequisite Required: College level ready in Reading and Writing.

Course Description: An introductory survey of current biological concepts for students majoring in the sciences. The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Laboratory activities will reinforce study of these concepts.

CVC Course – BIOL 1408: Biology for Non-Science Majors I Prerequisite Required: College level ready in Reading and Writing.

Course Description: Presentation of biological concepts for the non-science major. Provides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function, and reproduction. Laboratory activities will reinforce these concepts.

CVC Course – BIOL 1409: Biology for Non-Science Majors II Prerequisite Required: College level ready in Reading and Writing.

Course Description: Presentation of biological concepts for the non-science major. This course will provide a survey of biological principles with an emphasis on humans, including evolution,

ecology, plant and animal diversity, and physiology. Laboratory activities will reinforce these concepts.

CMP Music Appreciation Dual Credit (CMP Mus APP DC)

Local: 13125

TEA: 03155600

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – ARTS 1316: Drawing I

This beginning course investigates various media, techniques, and subjects. It explores perceptual and descriptive possibilities and considers drawing as a developmental process as well as an end in itself.

CMP P.E. DC

Local: 13046

TEA: PE500052

Grade Level: 9-12

Prerequisite: None

Credit: .5

CVC Course – PHED 1164: Introduction to Personal Fitness and Wellness Students are introduced to wellness related concepts and activities for the purpose of gaining knowledge and skills necessary to evaluate personal fitness level and to develop a personal lifelong fitness program. Activities include, but are not limited to: aerobics, circuit training, muscular development, flexibility, agility exercises, weight training and body composition.

CMP Physics Dual Credit (CMP PHYS DC)

Local: 18072

TEA: 13037100

Grade Level: 11-12

Prerequisite:

Credit: .5-1

CVC Course – PHYS 1405: Elementary Physics

Prerequisite Required: College level ready in Reading.

Course Description: Conceptual level survey of topics in Physics intended for liberal arts and other non-science majors. Topics include mechanics, energy conservation, atomic nature of matter and thermodynamics. The history of scientific developments and their impact on daily life are discussed. Also included are laboratory experiments that emphasize a conceptual understanding of Physics.

CVC Course – PHYS 1407: Elementary Physics II

Prerequisite Required: College level ready in Reading.

Course Description: Conceptual level survey of topics in Physics intended for liberal arts and other non-science majors. Topics include wave motion, acoustics, electricity, magnetism, optics, relativity, atomic and nuclear physics. The history of scientific developments and their impact on daily life are discussed. Also included are laboratory experiments that emphasize a conceptual understanding of Physics.

CVC Course – PHYS 1401: College Physics I

Prerequisite Required: MATH 1314 and MATH 1316 or MATH 2412. College level ready in Reading.

Course Description: The first semester of an algebra and trigonometry - based fundamentals of physics sequence. 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 are studied with emphasis on problem solving. Laboratory experiments supporting the topics are included.

CVC Course – PHYS 1402: College Physics II

Prerequisite Required: MATH 1314 and MATH 1316 or MATH 2412. College level ready in Reading.

Course Description: The first semester of an algebra and trigonometry - based fundamentals of physics sequence. 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 are studied with emphasis on problem solving.

Laboratory experiments supporting the topics are included.

CMP Principles of Technology

Local: 13079

TEA: 13037100

Grade Level: 11-12

Prerequisite: None

Credit: 1

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

CMP Psychology Dual Credit (CMP PSYCH DC)

Local: 19063

TEA: 3350100

Grade Level: 10-12

Prerequisite: Required: College level ready in Reading

Credit: .5

CVC Course – PSYC 2301: General Psychology

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

CMP Public Speaking I DC

Local: 12177

TEA: 03240900

Grade Level: 9-12

Prerequisite: None

Credit: .5

This course introduces the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating messages from others. Students study style, organization, and delivery, including diction, voice, control, posture, and eye contact. Students are encouraged to participate in competitions.

CMP Sociology Dual Credit (CMP Sociology DC)

Local: 19075

TEA: 3370100

Grade Level: 10-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – SOCI 1301: Introduction to Sociology

The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other.

Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance.

CMP Spanish III Dual Credit (CMP SPAN III DC)

Local: 17362

TEA: 03440300

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: 1

CVC Course – SPAN 1411: Beginning Spanish I

This is the first semester of academic transfer Spanish. This course is an introductory course intended for students with little or no knowledge of the language. Its aim is to present essential vocabulary and grammar, and to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Customs and cultural insights are also presented

CMP Speech Dual Credit (DC Speech)

Local: 12176

TEA: 13009900

Grade Level: 9-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – SPCH 1311: Introduction to Speech

Theory and practice of speech communication behavior in one-to-one, small group, and public communication situations are introduced. Students learn more about themselves, improve skills in communicating with others, and prepare and deliver formal public speeches.

CMP Texas Government (SPC Topics–TSS-TG): Special Topics in Social Studies TX GOVT

Local: 19039

TEA: 03380002

Grade Level: 11-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – GOVT 2306: Texas Government

Course Description: 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.

CMP Theater Arts Dual Credit (Theater Arts DC)

Local: 13305

TEA: 03220400

Grade Level: 9-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – DRAM 1310: Introduction to Theater. The various aspects of theater are surveyed. Topics include plays, playwrights, directing, acting, theaters, artists, and technicians.

CMP United States Federal Government Dual Credit (CMP US GOVT DC)

Local: 19037

TEA: 3330100

Grade Level: 11-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – GOVT 2305: Federal Government 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.

CMP United States History Dual Credit (US HIS DC)

Local: 19038

TEA: 3340100

Grade Level: 11

Prerequisite:

Credit: .5-1

CVC Course – HIST 1301: United States History I to 1876

Prerequisite Required: College level ready in Reading and Writing.

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.

CVC Course – HIST 1302: United States History II

Prerequisite Required: College level ready in Reading and Writing.

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. United States History II examines industrialization, immigration, World wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

CMP World History Dual Credit (CMP WO HIST DC)

Local: 19025

TEA: 13037100

Grade Level: 10

Prerequisite:

Credit: .5-1

CVC Course – HIST 2321: World Civilization I

Prerequisite Required: College level ready in Reading and Writing.

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

CVC Course – HIST 2322: World Civilization II

Prerequisite Required: College level ready in Reading and Writing.

Course Description: A survey of the social, political, economic, cultural, religious, and intellectual history of the World from the 15th century to the Present. The course examines major cultural regions of the World in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange.

ECHS Advanced Health Education Dual Credit (ECHS- ADVHLTH DC)

Local: 13033

TEA: 03810200

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – PHED 1304: Personal/Community Health

Emphasis is placed on relating course content to lifestyle to foster a better understanding of the major health issues of today. Current issues include, but are not limited to: emotional health, chemical use and abuse, human sexuality, major diseases, physical fitness, nutrition, aging, death and dying. This course does not satisfy the physical education activity course requirement.

ECHS Art I Appreciation Dual Credit (Art I App DC)

Local: 13110

TEA: 3500100

Grade Level: 9-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course - ARTS 1301: Art Appreciation

Films, lectures, slides, and discussions focus on the theoretical, cultural, and historical aspects of the visual arts with emphasis is on the development of visual and aesthetic awareness.

ECHS Art II Drawing Dual Credit (ECHS Art 2 DC)

Local: 13125

TEA: 03500200

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – ARTS 1316: Drawing I

This beginning course investigates various media, techniques, and subjects. It explores perceptual and descriptive possibilities and considers drawing as a developmental process as well as an end in itself.

ECHS Business Information Management (ECHS BUSIM DC)

Local: 13095

TEA: 13011400

Grade Level: 10-12

Prerequisite:

Credit: .5

CVC Course – Business Computer Applications

Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, Presentation graphics, and business-oriented utilization of the Internet. This course will fulfill degree requirements established by the colleges of DCCCD only if this course has been successfully completed and the date of completion does not exceed 10 years.

ECHS College Transitions Dual Credit (CLGTRN DC)

Local: 13005

TEA: N1290050

Grade Level: 9-10

Prerequisite: College level ready in Reading

Credit: .5

CVC Course – EDUC 1300: Learning Frameworks.

This interdisciplinary course addresses (1) research and theory in learning, cognition, and motivation; (2) factors that impact learning; and (3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply learning skills discussed in the course. Students developing these skills should be able to continually draw from the theoretical models. Critical thinking serves as the foundation for different thematic approaches using a variety of academic disciplines.

ECHS Dual Credit Independent Study in Math (INSTUMTH)

Local: 13053

TEA: 3102500

Grade Level: 10-12

Prerequisite: College ready in Mathematics algebra-based level

Credit: 1

CVC Course - MATH 1316: Plane Trigonometry

Prerequisite Required: MATH 1314 or equivalent. Course Description: In depth study and

applications of trigonometry

This course is an in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics, definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles may be included. Additional topics such as vectors, polar coordinates, and parametric equations may be included.

ECHS Earth and Space Science DC

Local: 13076

TEA: 03060200

Grade Level: 11-12

Prerequisite: None

Credit: 1

EARTH AND SPACE SCIENCE is a capstone course designed to build on prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time. An Earth- systems approach is used to investigate and study the themes of Earth in space and time, solid Earth and fluid Earth.

ECHS Economics Dual Credit (ECHS ECON DC)

Local: 13084

TEA: 033310300

Grade Level: 11-12

Prerequisite: College level ready in Reading

Credit: .5

CVC Course – ECON 2301: Principles of Macroeconomics

An introduction to principles of macroeconomics is presented. Economic principles are studied within the historical framework of classical, Keynesian, monetarist and alternative models. Emphasis is given to national income determination, money and banking, and the role of monetary and fiscal policy in economic stabilization and growth. Other topics include international trade and finance.

ECHS English III Dual Credit (ECHS-ENG III DC)

Local: 13091

TEA: 03220300

Grade Level: 11-12

Prerequisite: College level ready in Reading and Writing

Credit: .5-1

CVC Course – ENGL 1301: Composition I

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

CVC Course - ENGL 1302: Composition II

Prerequisite Required: ENGL 1301.

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

ECHS English IV Dual Credit (ECHS ENG IV DC)

Local: 13092

TEA: 03220400

Grade Level: 11-12

Prerequisite: ENGL 1301 and ENGL 1302

Credit: .5-1

CVC Course – ENGL 2322: British Literature I to 1800

Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. For repeatability purposes, students who take English 2321 should not also take English 2322 or 2323.

CVC Course – ENGL 2327: American Literature I to 1865

Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. For repeatability purposes, students who take English 2326 should not also take English 2327 or 2328.

CVC Course – ENGL 2323: British Literature II Since 1800

Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. For repeatability purposes, students who take English 2321 should not also take English 2322 or 2323.

CVC Course – ENGL 2328: American Literature II Since 1865

Prerequisite Required: ENGL 1301 and ENGL 1302.

A survey of American literature from the Civil War to the Present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. For repeatability purposes, students who take English 2326 should not also take English 2327 or 2328.

ECHS Environmental Systems Dual Credit (ENVIRS DC)

Local: 13077

TEA: 3020000

Grade Level: 10-12

Prerequisite:

Credit: .5-1

CVC Course – BIOL 1406: Biology for Science Majors I

Prerequisite Required: College level ready in Reading and Writing.

Course Description: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce these concepts.

CVC Course - BIOL 1407: Biology for Science Majors II

Prerequisite Required: College level ready in Reading and Writing.

Course Description: An introductory survey of current biological concepts for students majoring in the sciences. The diversity and classification of life will be studied, including animals, plants,

protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Laboratory activities will reinforce study of these concepts.

CVC Course – BIOL 1408: Biology for Non-Science Majors I

Prerequisite Required: College level ready in Reading and Writing.

Course Description: Presentation of biological concepts for the non-science major. Provides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function, and reproduction. Laboratory activities will reinforce these concepts.

CVC Course – BIOL 1409: Biology for Non-Science Majors II

Prerequisite Required: College level ready in Reading and Writing.

Course Description: Presentation of biological concepts for the non-science major. This course will provide a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology. Laboratory activities will reinforce these concepts.

ECHS Methodology for Academic and Personal Success (METH ACPS1)

Local: 13087

TEA: N1130021

Grade Level: 9-10

Prerequisite:

Credit: .5-1

This course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional World in order to establish both immediate and long-range personal goals.

ECHS Methodology for Academic and Personal Success (METH ACPS2)

Local: 13088

TEA: N1130022

Grade Level: 9-10

Prerequisite:

Credit: .5-1

This course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional World in order to establish both immediate and long-range personal goals.

ECHS Music Appreciation Dual Credit (ECHS MUS APP DC)

Local: 13125

TEA: 03155600

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – ARTS 1316: Drawing I

This beginning course investigates various media, techniques, and subjects. It explores perceptual and descriptive possibilities and considers drawing as a developmental process as well as an end in itself.

ECHS P.E. DC

Local: 13045

TEA: PE500052

Grade Level: 9-12

Prerequisite: None

Credit:.5

CVC Course – PHED 1164: Introduction to Personal Fitness and Wellness

Students are introduced to wellness related concepts and activities for the purpose of gaining knowledge and skills necessary to evaluate personal fitness level and to develop a personal lifelong fitness program. Activities include, but are not limited to: aerobics, circuit training, muscular development, flexibility, agility exercises, weight training and body composition.

ECHS Physics Dual Credit (ECHS PHYS DC)

Local: 18072

TEA: 13037100

Grade Level: 11-12

Prerequisite:

Credit: .5-1

CVC Course – PHYS 1405: Elementary Physics

Prerequisite Required: College level ready in Reading.

Course Description: Conceptual level survey of topics in Physics intended for liberal arts and other non-science majors. Topics include mechanics, energy conservation, atomic nature of matter and thermodynamics. The history of scientific developments and their impact on daily life are discussed. Also included are laboratory experiments that emphasize a conceptual understanding of Physics.

CVC Course – PHYS 1407: Elementary Physics II

Prerequisite Required: College level ready in Reading.

Course Description: Conceptual level survey of topics in Physics intended for liberal arts and other non-science majors. Topics include wave motion, acoustics, electricity, magnetism, optics, relativity, atomic and nuclear physics. The history of scientific developments and their impact on daily life are discussed. Also included are laboratory experiments that emphasize a conceptual understanding of Physics.

CVC Course – PHYS 1401: College Physics I

Prerequisite Required: MATH 1314 and MATH 1316 or MATH 2412. College level ready in Reading.

Course Description: The first semester of an algebra and trigonometry - based fundamentals of physics sequence. 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 are studied with emphasis on problem solving. Laboratory experiments supporting the topics are included.

CVC Course – PHYS 1402: College Physics II

Prerequisite Required: MATH 1314 and MATH 1316 or MATH 2412. College level ready in Reading.

Course Description: The first semester of an algebra and trigonometry - based fundamentals of physics sequence. 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 are studied with emphasis on problem solving. Laboratory experiments supporting the topics are included.

ECHS Principles of Technology

Local: 13078

TEA: 13037100

Grade Level: 11-12

Prerequisite: None

Credit: 1

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

ECHS Psychology Dual Credit (ECHS PSYCH DC)

Local: 13085

TEA: 335010

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: .5

CVC Course – PSYC 2301: General Psychology

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

ECHS Public Speaking I DC

Local: 13035

TEA: 03240900

Grade Level: 9-12

Prerequisite: None

Credit: .5

This course introduces the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating messages from others. Students study style, organization, and delivery, including diction, voice, control, posture, and eye contact. Students are encouraged to participate in competitions.

ECHS SCIRD (DC) Scientific Research and Design

Local: 13075

TEA: 13037200

Grade Level: 11-12

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

Credit: 1

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

ECHS Sociology Dual Credit (ECHS Sociology DC)

Local: 13086

TEA: 3370100

Grade Level: 10-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – SOCI 1301: Introduction to Sociology

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

ECHS Spanish III Dual Credit (ECHS SPAN III DC)

Local: 17362

TEA: 03440300

Grade Level: 10-12

Prerequisite: College level ready in Reading

Credit: 1

CVC Course – SPAN 1411: Beginning Spanish I

This is the first semester of academic transfer Spanish. This course is an introductory course intended for students with little or no knowledge of the language. Its aim is to present essential vocabulary and grammar, and to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Customs and cultural insights are also presented.

ECHS Speech Dual Credit (DC Speech)

Local: 13032

TEA: 13009900

Grade Level: 9-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – SPCH 1311: Introduction to Speech

Theory and practice of speech communication behavior in one-to-one, small group, and public communication situations are introduced. Students learn more about themselves, improve skills in communicating with others, and Prepare and deliver formal public speeches.

ECHS Texas Government (SPC Topics–TSS-TG): Special Topics in Social Studies TX GOVT

Local: 13080

TEA: 03380002

Grade Level: 11-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – GOVT 2306: Texas Government

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.

ECHS Theater Arts Dual Credit (Theater Arts DC)

Local: 13030

TEA: 03220400

Grade Level: 9-12

Prerequisite: College level ready in Reading

Credit: .5-1

CVC Course – DRAM 1310: Introduction to Theater

The various aspects of theater are surveyed. Topics include plays, playwrights, directing, acting, theaters, artists, and technicians.

ECHS United States Federal Government Dual Credit (ECHS US GOVT DC)

Local: 19034

TEA: 3330100

Grade Level: 11-12

Prerequisite: College level ready in Reading and Writing

Credit: .5

CVC Course – GOVT 2305: Federal Government

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.

ECHS United States History Dual Credit (ECHS HIS DC)

Local: 13083

TEA: 3340100

Grade Level: 11

Credit: 1

CVC Course – HIST 1301: United States History I to 1876

Prerequisite Required: College level ready in Reading and Writing.

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.

CVC Course – HIST 1302: United States History II

Prerequisite Required: College level ready in Reading and Writing.

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. United States History II examines industrialization, immigration, World wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

ECHS World History Dual Credit (ECHS WO HIST DC)

Local: 13081

TEA: 13037100

Grade Level: 10

Prerequisite:

Credit: 1

CVC Course – HIST 2321: World Civilization I

Prerequisite Required: College level ready in Reading and Writing.

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

CVC Course – HIST 2322: World Civilization II

Prerequisite Required: College level ready in Reading and Writing.

Course Description: A survey of the social, political, economic, cultural, religious, and intellectual history of the World from the 15th century to the Present. The course examines major cultural regions of the World in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange.

ECHS Path-College/Career Prep

Local: 13015

TEA: N1290051

Grade Level: 11-12

Prerequisite: None

Credit: 1

All students deserve academic and social support to help prepare them for the challenges they must face after high school graduation. The Path-College/Career Prep courses are the final stage of the multi-level College/Career Readiness System of Study (CCR-SOS) implemented district-wide that advances intellectual curiosity, conscientiousness, dependability, emotional stability and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core context areas.

DeSoto High School CTE Course Catalog





BUSINESS AND INDUSTRY ENDORSEMENT						
Agriculture, Food, and Natural Resources Program of Study						
Welding/Carpentry Concentration						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16055	Principles of Ag, Food, and Natural Resources	1	13000200		
10	16897	Introduction to Welding	1	13032250		
11-12	16895	Welding I (Double Block)	2	13032300		
12	16896	Welding II (Double Block)	2	13032400		
Animal Systems/Vet Assistant						
9-10	16055	Principles of Ag, Food, and Natural Resources	1	13000200		
10-11	16015	Small Animal Management (One Semester)	0.5	13000400		
10-11	16000	Equine Science (One Semester)	0.5	13000500		
10-11	16013	Livestock Production	1	13000300		
10-11	16016	Wildlife, Fisheries, & Ecology Management	1	13001500		
11-12	16020	Veterinary Medical Applications	1	13000600		
12	16010	Advanced Animal Science*	1	13000700		Science
12	16060	Practicum in Ag, Food, & Natural Resources (Double Block)	2	13002500		
12	16056	Math Applications in AFNR*	1	13001000		Math
Plant Systems						
9-10	16055	Principles of Ag, Food, and Natural Resources	1	13000200		
10-11	16080	Horticulture Science	1	13002000		
10-11	16085	Landscape Design and Management (One Semester)	0.5	13001900		
10-11	16090	Floral Design*	1	13001800		Fine Art
12	16095	Practicum in Ag, Food, & Natural Resources (Floral Design) (Double Block)	2	13002500		
12	16100	Advanced Plant and Soil Science*	1	13002100		Science

Principles of Agriculture, Food, and Natural Resources

TSDS PEIMS Code: 13000200 (PRINAFNR)

Grade Placement: 9-10

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.

Mathematical Applications in Agriculture, Food, and Natural Resources

****This course could satisfy a math credit****

TSDS PEIMS Code: 13001000 (MATHAFNR)

Grade Placement: 12

Credit: 1

Prerequisite: Algebra I.

In Mathematical Applications in Agriculture, Food, and Natural Resources, students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources.

Equine Science

TSDS PEIMS Code: 13000500 (EQUINSCI)

Grade Placement: 10–11

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.

Livestock Production

TSDS PEIMS Code: 13000300 (LIVEPROD)

Grade Placement: 10–11

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.

Small Animal Management

TSDS PEIMS Code: 13000400 (SMANIMGT)

Grade Placement: 10–11

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.

Veterinary Medical Applications

TSDS PEIMS Code: 13000600 (VETMEDAP)

Grade Placement: 11–12

Credit: 1

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.

Advanced Animal Science

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13000700 (ADVANSCI)

Grade Placement: 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.

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.

Wildlife, Fisheries, and Ecology Management

TSDS PEIMS Code: 13001500 (WFECGT)

Grade Placement: 10–11

Credit: 1

Prerequisite: None.

Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Floral Design

**** This course could satisfy a Fine Arts credit requirement****

TSDS PEIMS Code: 13001800 (FLORAL)

Grade Placement: 10–11

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.

Landscape Design and Management

TSDS PEIMS Code: 13001900 (LNDMGT)

Grade Placement: 10–11

Credit: .5

Prerequisite: None.

Landscape Design and Management is designed to develop an understanding of landscape design and management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Horticulture Science

TSDS PEIMS Code: 13002000 (HORTISCI)

Grade Placement: 10–11

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.

Advanced Plant and Soil Science

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13002100 (ADVPSSCI)

Grade Placement: 12

Credit: 1

Prerequisite: None.

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.

Introduction to Welding

TSDS PEIMS Code: 13032250 (INTRWELD)

Grade Placement: 10

Credit: 1

Prerequisite: None.

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.

Welding I

TSDS PEIMS Code: 13032300 (WELD1)

Grade Placement: 11–12

Credit: 2

Recommended Prerequisites: Introduction to Welding

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills.

Welding II

TSDS PEIMS Code: 13032400 (WELD2)

Grade Placement: 12

Credit: 2

Prerequisites: Welding I

Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills.

Practicum in Agriculture, Food, and Natural Resources

TSDS PEIMS Code: 13002500 (PRACAFNR1)

Grade Placement: 12

Credit: 2

Prerequisite: None.

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.



BUSINESS AND INDUSTRY ENDORSEMENT
Arts, Audio/Video Technology, and Communication Program of Study

TV & Radio Broadcasting						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16150	Principles of Arts, A/V Tech & Communications	1	13008200		
10	16155	Audio/Video Production I	1	13008500		
11	16171	Digital Audio Technology I <i>(formerly TV/Radio Broadcasting)</i>	1	13009950		
12	16172	Digital Audio Technology II <i>(formerly TV/Radio Broadcasting II)</i>	1	13009960		
Fashion Design						
9	16150	Principles of Arts, A/V Tech & Communications	1	13008200		
10	16200	Fashion Design	1	13009300		
11	16205	Fashion Design II/Lab (Double Block)	2	13009410		
12	16210	Practicum in Fashion Design (Double Block)	2	13009500		
Graphic Designer						
9	16150	Principles of Arts, A/V Tech & Communications	1	13008200		
10-12	16655	Digital Media	1	13027800		
10-12	16665	Graphic Design & Illustration <i>(formerly 2D/3D Graphics)</i>	1	13008800		
11-12	16667	Graphic Design & Illustration II/Lab (Double Block) <i>(formerly 2D/3D Graphics II)</i>	2	13008910		
10-12	16675	Animation I	1	13008300		
10-12	16660	Web Technologies <i>(formerly Website Design)</i>	1	13027900		
12	16670	Practicum in Graphic Design & Illustration (Double Block) <i>(formerly Pract in 2D/3D Graphics)</i>	2	13009000		
A/V Broadcast Production						
9	16150	Principles of Arts, A/V Tech & Communications	1	13008200		
10-12	16655	Digital Media	1	13027800		
10-12	16155	Audio/Video Production I	1	13008500		
10-12	16665	Graphic Design & Illustration <i>(formerly 2D/3D Graphics)</i>	1	13008800		
10-12	16675	Animation I	1	13008300		
11-12	16685	Audio/Video Production II/Lab (Double Block)	2	13008610		
12	16690	Practicum in A/V Production (Double Block)	2	13008700		

Principles of Arts, Audio/Video Technology, and Communications

TSDS PEIMS Code: 13008200 (PRINAAVTC)

Grade Placement: 9-10

Credits: 1

Prerequisite: None.

The goal of this course is for 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.

Audio/Video Production I

TSDS PEIMS Code: 13008500 (AVPROD1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

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 Lab

TSDS PEIMS Code: 13008610 (AVPLAB2)

Grade Placement: 11–12

Credits: 1

Prerequisite: Audio/Video Production I

Students in this course will be expected to develop an advanced understanding of the audio/video communications industry. This course will be implemented using both digital audio and video technology. Students will develop in the area of artistic and technical process of digital media creation.

Practicum in Audio/Video Production

TSDS PEIMS Code: 13008700 (PRACAVP1)

Grade Placement: 12

Credits: 2

Prerequisites: Audio/Video Production II Lab

This course is designed and structured to work as a self-directed lab course that allows students to expand and deepen their A/V skills. The instructor creates and develops individual learning plans focused on each student's artistic ability, technical skill level, and interests. Both the instructor and the student will identify personal academic goals for each semester and select specific projects and assignments.

Digital Audio Technology I *(Formerly named TV/Radio Broadcasting I)*

TSDS PEIMS Code: 13009950 (DATECH1)

Grade Placement: 11

Credits: 1

Prerequisite: None.

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

Digital Audio Technology II *(Formerly TV/Radio Broadcasting II)*

TSDS PEIMS Code: 13009960 (DATECH2)

Grade Placement: 12

Credits: 1

Prerequisite: Digital Audio Technology I

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

Fashion Design I

TSDS PEIMS Code: 13009300 (FASHDSN1)

Grade Placement: 10

Credits: 1

Prerequisites: None.

Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Fashion Design II/ Lab

TSDS PEIMS Code: 13009400 (FASHDSN2)

Grade Placement: 11

Credits: 2

Prerequisite: Fashion Design I

Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

Practicum in Fashion Design

TSDS PEIMS Code:

13009500 (PRACFAS1)

Grade Placement: 12

Credits: 2

Prerequisite: Fashion Design 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 advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Digital Media

TSDS PEIMS Code: 13027800 (DIMEDIA)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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

Web Technologies (formerly Website Design)

TSDS PEIMS Code: 13027900 (WEBTECH)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In this course, students will gain an understanding of internet technologies such as blogs, social networking, Google tools, and other emerging web technologies. They will have an understanding of how these technologies affect their future employment opportunities.

Animation I

TSDS PEIMS Code: 13008300 (ANIMAT1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

Students will be expected to develop an understanding of the history and usage of digital animation. Students will draw upon academic skills in math, science, and language arts. Skills learned in this course will prepare students for a possible career in animation, character and story development, and video game design.

Graphic Design and Illustration I (formerly 2D/3D Graphics)

TSDS PEIMS Code: 13008800 (GRAPHDI1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

This course examines techniques for creating 2D/3D designs using computer graphics software. Students gain experience representing designs using shading and texturing techniques. This course is designed to give students an understanding of and practical application of Adobe Photoshop CC, Paint.net, Google Ketchup, and MS Publisher. Students will design real-world effective promotional pieces and publications in this course.

Graphic Design and Illustration II Lab *(formerly 2D/3D Graphics II)*

TSDS PEIMS Code: 13008910 (GRDLAB2)

Grade Placement: 11–12

Credits: 1

Prerequisite: Graphic Design and Illustration I

Students will become familiar with industry standard software used in the advertising and visual arts. Students will create 2D/3D graphics and image effects while incorporating the principles and elements of design. In addition, students will create real-world digital publications while maintain a digital portfolio of both individual and team work based projects.

Practicum in Graphic Design and Illustration *(formerly Practicum in 2D/3D Graphics)*

TSDS PEIMS Code: 13009000 (PRACGRD1)

Grade Placement: 12

Credits: 2

Prerequisites: Graphic Design and Illustration II 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 a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.



BUSINESS AND INDUSTRY ENDORSEMENT

Business Management & Administration Program of Study

Business Management						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
9-12	16260	Business Information Management I	1	13011400		
10-12	16275	Business Management	1	13012100	X	
10-12	16280	Human Resources Management (One Semester)	0.5	13011900	X	
10-12	16265	Business Information Management II	1	13011500		
11-12	16270	Business Law	1	13011700	X	
11-12	16295	Practicum in Business Management (Double Block)	2	13012200		
12	16285	Business English*	1	13011600	X	English

Entrepreneurship						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
9-12	16260	Business Information Management I	1	13011400		
10-12	16790	Entrepreneurship	1	13034400		
10-12	16275	Business Management	1	13012100	X	
10-12	16280	Human Resources Management (One Semester)	0.5	13011900	X	
10-12	16795	Advertising (One Semester)	0.5	13034200		
10-12	16265	Business Information Management II	1	13011500		
11-12	16270	Business Law	1	13011700	X	
11-12	16295	Practicum in Business Management (Double Block)	2	13012200		
12	16285	Business English*	1	13011600	X	English

Management Information Systems (MIS)						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
9-12	16260	Business Information Management I	1	13011400		
10-12	16645	Computer Programming I <i>(formerly .Net Engineering I)</i>	1	13027600		
10-12	16265	Business Information Management II	1	13011500		
10-12	16660	Web Technologies <i>(formerly Website Design)</i>	1	13027900		
11-12	16295	Practicum in Business Management (Double Block)	2	13012200		

Principles of Business, Marketing, and Finance (This course may be taken as dual credit for 11th graders)

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 Law (This course may be taken as dual credit for 11th & 12th graders)

TSDS PEIMS Code: 13011700 (BUSLAW)

Grade Placement: 11–12

Credits: 1

Prerequisite: None.

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

Business English (This course may be taken as dual credit)**** This course could satisfy an English credit requirement ****

TSDS PEIMS Code: 13011600 (BUSENGL)

Grade Placement: 12

Credits: 1

Prerequisite: English III

In Business English, students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology.

Business Information Management I

TSDS PEIMS Code: 13011400 (BUSIM1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

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

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.

Business Management (This course may be taken as dual credit for 11th & 12th graders only)

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.

Human Resources Management (This course may be taken as dual credit for 11th & 12th graders only)

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, and 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.

Advertising

TSDS PEIMS Code: 13034200 (ADVERTIS)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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

Entrepreneurship

TSDS PEIMS Code: 13034400 (ENTREP)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

Computer Programming I *(Formerly .Net Engineering I)*

TSDS PEIMS Code: 13027600 (COMPPRO1)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In this course, students will acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students will design algorithms and programming solutions to a variety of computational problems using Visual C++. Students will also design, write, and debug computer programs.

Web Technologies *(Formerly Website Design)*

TSDS PEIMS Code: 13027900 (WEBTECH)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In this course, students will gain an understanding of internet technologies such as blogs, social networking, Google tools, and other emerging web technologies. They will have an understanding of how these technologies affect their future employment opportunities.

Practicum in Business Management

TSDS PEIMS Code:

13012200 (First Time Taken) (PRACBM)

Grade Placement: 11-12

Credits: 2

Prerequisite: None.

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

**BUSINESS AND INDUSTRY ENDORSEMENT**

Marketing Program of Study

Fashion Marketing						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
9-12	16260	Business Information Management I	1	13011400		
10-12	16790	Entrepreneurship	1	13034400		
10-12	16795	Advertising (One Semester)	0.5	13034200		
10-12	16805	Fashion Marketing (One Semester)	0.5	13034300		
10-12	16815	Advanced Marketing (Double Block)	2	13034700		
12	16781	Practicum in Marketing (Double Block)	2	13034800		
Sports & Entertainment Marketing						
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
9-12	16260	Business Information Management I	1	13011400		
10-12	16810	Sports & Entertainment Marketing (One Semester)	0.5	13034600		
10-12	16811	Social Media Marketing (One Semester)	0.5	13034650		
10-12	16815	Advanced Marketing (Double Block)	2	13034700		
12	16781	Practicum in Marketing (Double Block)	2	13034800		

Principles of Business, Marketing, and Finance (This course may be taken as dual credit for 11th graders)

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.

Advertising

TSDS PEIMS Code: 13034200 (ADVERTIS)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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

Fashion Marketing

TSDS PEIMS Code: 13034300 (FASHMKTG)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Fashion Marketing is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

Entrepreneurship

TSDS PEIMS Code: 13034400 (ENTREP)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

Social Media Marketing

TSDS PEIMS Code: 13034650 (SMEDMKTG)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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

Sports and Entertainment Marketing

TSDS PEIMS Code: 13034600 (SPORTSEM)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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.

Business Information Management I

TSDS PEIMS Code: 13011400 (BUSIM1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

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.

Advanced Marketing

TSDS PEIMS Code: 13034700 (ADVMKTG)

Grade Placement: 11–12

Credit: 2

Prerequisite: Marketing

In Advanced Marketing, students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-service skills.

Practicum in Marketing

TSDS PEIMS Code:

13034800 (First Time Taken) (PRACMKT1)

Grade Placement: 12

Credit: 2

Prerequisite: None.

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



PUBLIC SERVICES ENDORSEMENT

Education and Training Program of Study

Teacher						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-10	16350	Principles of Education and Training	1	13014200		
10-11	16585	Child Development	1	13024700		
10-11	16590	Child Guidance	2	13024800		
11-12	16380	Human Growth & Development	1	13014300		
11-12	16356	Instructional Practices <i>(formerly Ready, Set, Teach)</i> (Double Block)	2	13014400		
12	16360	Practicum in Education & Training (Double Block)	2	13014500		

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 (CHILDDEV)

Grade Placement: 10–11

Credit: 1

Prerequisite: None.

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.

Child Guidance

TSDS PEIMS Code: 13024800 (CHILDGUI)

Grade Placement: 10–11

Credit: 2

Prerequisite: None.

Child Guidance is a technical laboratory course that addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

Human Growth and Development

TSDS PEIMS Code: 13014300 (HUGRDEV)

Grade Placement: 11–12

Credit: 1

Prerequisite: None.

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practices (*Formerly Ready, Set, Teach*)

TSDS PEIMS Code: 13014400 (INPRAC)

Grade Placement: 11–12

Credit: 2

Prerequisite: Principles of Education and Training

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 and exemplary educator. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training

TSDS PEIMS Code:

13014500 (First Time Taken) (PRACEDT1)

Grade Placement: 12

Credit: 2

Prerequisite: Instructional Practices.

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 learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.



BUSINESS AND INDUSTRY ENDORSEMENT
Finance Program of Study

Accountant						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
10-12	16415	Money Matters	1	13016200		
10-12	16425	Insurance Operations	1	13016500		
10-12	16410	Accounting I	1	13016600		
11-12	16400	Accounting I - Dual Credit	1	13016600	X	
11-12	16411	Accounting II*	1	13016700		Math
11-12	16405	Accounting II - Dual Credit	1	13016700	X	
11-12	16266	Financial Analysis	1	13016800		
10-12	16280	Human Resources Management (One Semester)	0.5	13011900	X	
11-12	16270	Business Law	1	13011700	X	
11-12	16295	Practicum in Business Management (Double Block)	2	13012200		
12	16285	Business English*	1	13011600	X	English
Financial Planner						
9-11	16255	Principles of Business, Marketing & Finance	1	13011200	X	
10-12	16415	Money Matters	1	13016200		
10-12	16267	Financial Mathematics*	1	13018000		Math
10-12	16425	Insurance Operations	1	13016500		
11-12	16270	Business Law	1	13011700	X	
11-12	16266	Financial Analysis	1	13016800		
11-12	16420	Securities and Investments	1	13016400		
11-12	16300	Statistics & Business Decision Making*	1	13016900		Math
11-12	16295	Practicum in Business Management (Double Block)	2	13012200		
12	16285	Business English*	1	13011600	X	English

Principles of Business, Marketing, and Finance (This course may be taken as dual credit for 11th graders)

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.

Money Matters

TSDS PEIMS Code: 13016200 (MONEYM)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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.

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

Insurance Operations

TSDS PEIMS Code: 13016500 (INSOPS)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In Insurance Operations, students will understand the laws and regulations to manage business operations and transactions in the insurance industry.

Securities and Investments

TSDS PEIMS Code: 13016400 (SECINV)

Grade Placement: 11–12

Credit: 1

Prerequisite: None.

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

Business Law (This course may be taken as dual credit for 11th & 12th graders)

TSDS PEIMS Code: 13011700 (BUSLAW)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

Accounting I (This course may be taken as dual credit for 11th & 12th graders)

TSDS PEIMS Code: 13016600 (ACCOUNT1)

Grade Placement: 10–12

Credit: 1

Prerequisites: Principles of Business, Marketing & 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.

Accounting II (This course may be taken as dual credit for 11th & 12th graders)**** This course could satisfy a math credit requirement**

TSDS PEIMS Code: 13016700 (ACCOUNT2)

Grade Placement: 11–12

Credit: 1

Prerequisites: Accounting I

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

Financial Analysis

TSDS PEIMS Code: 13016800 (FINANAL)

Grade Placement: 11–12

Credit: 1

Prerequisite: Accounting I

In Financial Analysis, students will apply knowledge and technical skills in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students will develop analytical skills by actively evaluating financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement.

Statistics and Business Decision Making****This course could satisfy a math credit requirement**

TSDS PEIMS Code: 13016900 (STATBDM)

Grade Placement: 11–12

Credit: 1

Prerequisite: Algebra II.

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Business English (This course may be taken as dual credit)

**** This course could satisfy an English credit requirement**

TSDS PEIMS Code: 13011600 (BUSENGL)

Grade Placement: 12

Credits: 1

Prerequisite: English III.

In Business English, students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology.

Practicum in Business Management

TSDS PEIMS Code:

13012200 (First Time Taken) (PRACBM)

Grade Placement: 12

Credits: 2

Prerequisite: None.

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.



PUBLIC SERVICES ENDORSEMENT						
Pre-Law Program of Study						
Government Official						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-10	16910	Principles of Govt & Public Administration	1	13018200		
10-12	16911	Planning & Governance	1	13018700		
10-12	16913	Foreign Service & Diplomacy	1	13018900		
10-12	16914	National Security	1	13018800		
12	16915	Practicum in Local, State & Federal Govt	2	13019000		
Attorney or Paralegal						
9-10	16910	Principles of Govt & Public Administration	1	13018200		
10-11	16901	Political Science I	1	13018300		
10-12	16912	Public Management & Administration	1	13018600		
11-12	16902	Political Science II	1	13018400		
12	16915	Practicum in Local, State & Federal Govt	2	13019000		

Principles of Government and Public Administration

TSDS PEIMS Code: 13018200 (PRINGPA)

Grade Placement: 9-10

Credit: 1

Prerequisite: None.

Principles of Government and Public Administration introduces students to foundations of governmental functions and career opportunities within the United States and abroad.

Students will examine governmental documents such as the U.S. Constitution, current U.S.

Supreme Court and federal court decisions, and the Bill of Rights.

Political Science I

TSDS PEIMS Code: 13018300 (POLISC1)

Grade Placement: 10–11

Credit: 1

Prerequisite: None.

Political Science I introduces students to political theory through the study of governments; public policies; and political processes, systems, and behavior.

Political Science II

TSDS PEIMS Code: 13018400 (POLISC2)

Grade Placement: 11–12

Credit: 1

Prerequisite: Political Science I

Political Science II uses a variety of learning methods and approaches to examine the processes, systems, and political dynamics of the United States and other nations. The dynamic component of this course includes current U.S. and world events.

Foreign Service and Diplomacy

TSDS PEIMS Code: 13018900 (FORSRVD)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Foreign Service and Diplomacy provides the opportunity for students to investigate the knowledge and skills necessary for careers in Foreign Service. The course includes law, history, media communication, and international relations associated with the diplomatic environment.

Planning and Governance

TSDS PEIMS Code: 13018700 (PLANGOV)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Planning and Governance is a course offering students an opportunity to formulate plans and policies to meet social, economic, and physical needs of communities.

National Security

TSDS PEIMS Code: 13018800 (NATLSEC)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

National Security introduces the students to the aspects of disaster management. The course includes engaging simulation exercises related to natural disasters, man-made disasters, and terroristic events using homeland security programs and National Incident Management System (NIMS) programs.

Public Management and Administration

TSDS PEIMS Code: 13018600 (PUBMANAD)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Public Management and Administration reviews actions and activities that governments and nonprofit administrations commonly use and that resemble private-sector management. Students will be introduced to management tools that maximize the effectiveness of different types and styles of administrators and affect the quality of life of citizens in the community.

Practicum in Local, State, and Federal Government

TSDS PEIMS Code:

13019000 (First Time Taken) (PRACLSF1)

Grade Placement: 12

Credit: 2

Prerequisite: None.

Students in the Practicum in Local, State, and Federal Government will concurrently learn advanced concepts of political science and government workings in the classroom setting and in the workplace. In

addition, students will apply technical skills pertaining to government and public administration in a direct mentorship by individuals in professional settings such as government, public management and administration, national security, municipal planning, Foreign Service, revenue, taxation, and regulation.



PUBLIC SERVICES ENDORSEMENT
Health Science Technology Program of Study

Certified Nurse Aide						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16450	Principles of Health Science	1	13020200		
10-12	16480	Medical Terminology	1	13020300		
10-12	16465	Anatomy & Physiology*	1	13020600		Science
11-12	16451	Health Science Theory/Clinical (Double Block)	2	13020410		
12	16466	Practicum in Health Science - Certified Nurse Aide (Double Block)	2	13020500		
General Studies						
9	16450	Principles of Health Science	1	13020200		
10-12	16480	Medical Terminology	1	13020300		
10-12	16465	Anatomy & Physiology*	1	13020600		Science
11-12	16470	Pathophysiology*	1	13020800		Science
11-12	14035	World Health Research	1	13020900		
Phlebotomy						
9	16450	Principles of Health Science	1	13020200		
10-12	16480	Medical Terminology	1	13020300		
10-12	16465	Anatomy & Physiology*	1	13020600		Science
11-12	16451	Health Science Theory/Clinical (Double Block)	2	13020410		
12	16460	Practicum in Health Science - Phlebotomy (Double Block)	2	13020500		

Principles of Health Science

TSDS PEIMS Code: 13020200 (PRINHLSC)

Grade Placement: 9-10

Credit: 1

Prerequisite: None.

This 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: 10–12

Credit: 1

Prerequisite: None.

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

Anatomy and Physiology

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13020600 (ANATPHYS)

Grade Placement: 10–12

Credit: 1

Prerequisite: Biology and a second science credit.

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.

World Health Research

TSDS PEIMS Code: 13020900 (WORLDHR)

Grade Placement: 11–12

Credit: 1

Prerequisites: Biology and Chemistry.

The World Health Research course is designed to examine major world health problems and emerging technologies as solutions to these medical concerns. It is designed to improve students' understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues.

Pathophysiology

****This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13020800 (PATHO)

Grade Placement: 11–12

Credit: 1

Prerequisites: Biology and Chemistry.

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable.

Health Science Theory/Health Science Clinical

TSDS PEIMS Code: 13020410 (HLSCLIN)

Grade Placement: 11–12

Credit: 2

Prerequisites: Biology and Principles of Health Science.

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. *NOTE: Due to space limitations, this course requires a completed application.*

Practicum in Health Science (Certified Nurse Aide)

TSDS PEIMS Code: 13020500 (PRACHLS1)

Grade Placement: 12

Credit: 2

Prerequisites: Principles of Health Science, Health Science Theory/Clinical, 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.

Practicum in Health Science (Phlebotomy)

TSDS PEIMS Code: 13020500 (PRACHLS1)

Grade Placement: 12

Credit: 2

Prerequisites: Principles of Health Science, Health Science Theory/Clinical, 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.

**BUSINESS AND INDUSTRY ENDORSEMENT**

Hospitality and Tourism Program of Study

Culinary Arts						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16505	Intro to Culinary Arts	1	13022550		
10-11	16510	Culinary Arts (Double Block)	2	13022600		
11-12	16053	Food Science*	1	13023000		Science
11-12	16517	Advanced Culinary Arts (Double Block)	2	13022650		
11-12	16513	Advanced Culinary Arts - Dual Credit (Double Block)	2	13022650	X	
11-12	16515	Practicum in Culinary Arts (Double Block)	2	13022700		
Hospitality and Tourism						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16500	Principles of Hospitality and Tourism	1	13022200		
10-12	16502	Hotel Management	1	13022300		
10-12	16297	Travel & Tourism Management	1	13022500		
10-12	16501	Hospitality Services (Double Block)	2	13022800		
12	16506	Practicum in Hospitality Services (Double Block)	2	13022900		

Principles of Hospitality and Tourism

TSDS PEIMS Code: 13022200 (PRINHOSP)

Grade Placement: 9

Credit: 1

Prerequisite: None.

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

Introduction to Culinary Arts

TSDS PEIMS Code: 13022550 (INCULART)

Grade Placement: 9

Credit: 1

Prerequisite: None.

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: 10–11

Credit: 2

Prerequisite: None.

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 (This course may be taken as dual credit)

TSDS PEIMS Code: 13022650 (ADCULART)

Grade Placement: 11–12

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.

Food Science

****This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13023000 (FOODSCI)

Grade Placement: 11–12

Credit: 1

Prerequisites: Three units of science, including Chemistry and Biology.

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

Practicum in Culinary Arts

TSDS PEIMS Code: 13022700 (PRACCUL1)

Grade Placement: 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.

Travel and Tourism Management

TSDS PEIMS Code: 13022500 (TRTORMGT)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Travel and Tourism Management incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course.

Hotel Management

TSDS PEIMS Code: 13022300 (HOTELMGT)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Hotel Management focuses on the knowledge and skills needed to pursue staff and management positions available in the hotel industry. This in-depth study of the lodging industry includes departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources, and accounting. This course will focus on, but not be limited to, professional communication, leadership, management, human resources, technology, and accounting.

Hospitality Services

TSDS PEIMS Code: 13022800 (HOSPSRVS)

Grade Placement: 10–12

Credit: 2

Prerequisite: Principles of Hospitality and Tourism

Hospitality Services provides students with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries. The knowledge and skills are acquired within a sequential, standards-based program that integrates hands-on and project-based instruction. Standards included in the Hospitality Services course are designed to prepare students for nationally recognized industry certifications, postsecondary education, and entry-level careers. In addition, Hospitality Services is designed so that performance standards meet employer expectations, enhancing the employability of students. Instruction may be delivered through laboratory training or through internships, mentoring, or job shadowing.

Practicum in Hospitality Services

TSDS PEIMS Code: 13022900 (PRACHOS1)

Grade Placement: 12

Credit: 2

Prerequisite: Hospitality Services

Practicum in Hospitality Services provides opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. This course integrates academic and career and technical education, 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. Students are taught employability skills, including job specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development.

**PUBLIC SERVICES ENDORSEMENT**

Human Services Program of Study

Human Services						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-10	16565	Principles of Human Services	1	13024200		
10-11	16585	Child Development	1	13024700		
10-11	16590	Child Guidance	2	13024800		
10-12	16595	Dollars & Sense (One Semester)	0.5	13024300		
10-12	16570	Lifetime Nutrition & Wellness (One Semester)	0.5	13024500		
11-12	16580	Interpersonal Studies (One Semester)	0.5	13024400		
11-12	16575	Counseling & Mental Health	1	13024600		
11-12	16568	Family and Community Services	1	13024900		
12	16463	Practicum in Human Services (Double Block)	2	13025000		
Cosmetology						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-10	16550	Intro to Cosmetology	1	13025100		
10-11	16555	Cosmetology I/Lab (Triple Block)	3	13025210		
11-12	16560	Cosmetology II/Lab (Triple Block)	3	13025310		
12	16561	Practicum in Human Services (Cosmetology) (Double Block)	2	13025000		

Principles of Human Services

TSDS PEIMS Code: 13024200 (PRINHUSR)

Grade Placement: 9-10

Credit: 1

Prerequisite: None.

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Dollars and Sense

TSDS PEIMS Code: 13024300 (DOLLARSE)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

Lifetime Nutrition and Wellness

TSDS PEIMS Code: 13024500 (LNURTWEL)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Interpersonal Studies

TSDS PEIMS Code: 13024400 (INTERSTU)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

Counseling and Mental Health

TSDS PEIMS Code: 13024600 (COUNSMH)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

Child Development

TSDS PEIMS Code: 13024700 (CHILDDEV)

Grade Placement: 10–11

Credit: 1

Prerequisite: None.

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.

Child Guidance

TSDS PEIMS Code: 13024800 (CHILDGUI)

Grade Placement: 10–11

Credit: 2

Prerequisite: None.

Child Guidance is a technical laboratory course that addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the wellbeing and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing.

Family and Community Services

TSDS PEIMS Code: 13024900 (FAMCOSRV)

Grade Placement: 11–12

Credit: 1

Prerequisite: None.

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

Practicum in Human Services

TSDS PEIMS Code: 13025000 (PRACHUS1)

Grade Placement: 12

Credit: 2

Prerequisite: None.

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Introduction to Cosmetology

TSDS PEIMS Code: 13025100 (INTCOSMO)

Grade Placement: 9-10

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/Cosmetology I Lab

TSDS PEIMS Code: 13025210 (COSLAB1)

Grade Placement: 10-11

Credits: 3

Prerequisites: Introduction to Cosmetology

Cosmetology I/Cosmetology I Lab (Innovative) course 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/Cosmetology II Lab

TSDS PEIMS Code: 13025310 (COSLAB2)

Grade Placement: 11-12

Credits: 3

Prerequisites: Cosmetology I/Cosmetology I Lab

Cosmetology II /Cosmetology II Lab (Innovative) course 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.

Practicum in Human Services (Cosmetology)

TSDS PEIMS Code: 13025000 (PRACHUS1)

Grade Placement: 12

Credit: 2

Prerequisite: Cosmetology II/Lab

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.



BUSINESS AND INDUSTRY ENDORSEMENT
Information Technology Program of Study

Software Development						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16640	Principles of Information Technology	1	13027200		
10-12	16655	Digital Media	1	13027800		
10-12	16660	Web Technologies <i>(formerly Website Design)</i>	1	13027900		
10-12	16645	Computer Programming I <i>(formerly .Net Engineering I)</i>	1	13027600		
11-12	16646	Computer Programming II	1	13027700		
12	16663	AP Computer Science Principles	1	A3580300		
12	16662	Computer Technician Practicum (Double Block)	2	13027500		
Multi-Media Developer						
9	16640	Principles of Information Technology	1	13027200		
10-12	16655	Digital Media	1	13027800		
10-12	16675	Animation I	1	13008300		
11-12	16680	Animation II/Lab (Double Block)	2	13008410		
10-12	16665	Graphic Design & Illustration <i>(formerly 2D/3D Graphics)</i>	1	13008800		
10-12	16660	Web Technologies <i>(formerly Website Design)</i>	1	13027900		
12	16681	Practicum in Animation (Double Block)	2	13008450		
Network Engineer						
9	16640	Principles of Information Technology	1	13027200		
10-12	16661	Computer Maintenance	1	13027300		
10-12	16660	Web Technologies <i>(formerly Website Design)</i>	1	13027900		
10-12	16664	Networking	1	13027400		
10-12	16645	Computer Programming I <i>(formerly .Net Engineering I)</i>	1	13027600		
11-12	16646	Computer Programming II	1	13027700		
12	16663	AP Computer Science Principles	1	A3580300		
12	16662	Computer Technician Practicum (Double Block)	2	13027500		

Principles of Information Technology

TSDS PEIMS Code: 13027200 (PRINIT)

Grade Placement: 9

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.

Digital Media

TSDS PEIMS Code: 13027800 (DIMEDIA)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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

Web Technologies (*formerly Website Design*)

TSDS PEIMS Code: 13027900 (WEBTECH)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In this course, students will gain an understanding of internet technologies such as blogs, social networking, Google tools, and other emerging web technologies. They will have an understanding of how these technologies affect their future employment opportunities.

Animation I

TSDS PEIMS Code: 13008300 (ANIMAT1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

Students will be expected to develop an understanding of the history and usage of digital animation. Students will draw upon academic skills in math, science, and language arts. Skills learned in this course will prepare students for a possible career in animation, character and story development, and video game design.

Animation II Lab

TSDS PEIMS Code: 13008410 (ANILAB2)

Grade Placement: 11–12

Credits: 2

Prerequisite: Animation I

This course allows students to apply their knowledge of animation to complete fully developed projects that may be used to create a portfolio. Students will gain experience in 3D character development, motion graphics, and interactive applications. Adobe certification exams will be available to take at the completion of this course.

Practicum in Animation

TSDS PEIMS Code: 13008450 (PRACANI1)

Grade Placement: 12

Credits: 2

Prerequisites: Animation II Lab.

This course is a high level study of the art and technology applied to broadcast, film, gaming, and website design. Students will master 2D/3D character animation, design, modeling, texturing, dynamics,

effects, and interactivity. Students will complete both individual and group projects. Adobe certification exams may be available at the conclusion of this course.

Graphic Design and Illustration I *(formerly 2D/3D Graphics)*

TSDS PEIMS Code: 13008800 (GRAPHDI1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

This course examines techniques for creating 2D/3D designs using computer graphics software. Students gain experience representing designs using shading and texturing techniques. This course is designed to give students an understanding of and practical application of Adobe Photoshop CC, Paint.net, Google Ketchup, and MS Publisher. Students will design real-world effective promotional pieces and publications in this course.

Computer Maintenance

TSDS PEIMS Code: 13027300 (COMPMTN)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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.

Networking

TSDS PEIMS Code: 13027400 (NETWRK)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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.

Computer Programming I *(formerly .Net Engineering I)*

TSDS PEIMS Code: 13027600 (COMPPRO1)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In this course, students will acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students will design algorithms and programming solutions to a variety of computational problems using Visual C++. Students will also design, write, and debug computer programs.

Computer Programming II

TSDS PEIMS Code: 13027700 (COMPPRO2)

Grade Placement: 11–12

Credit: 1

Prerequisite: Computer Programming I

In this course, students will expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students will solve problems using detailed algorithms, control structures, functions, parameters, objects and classes, structured programming and event-driven programming techniques.

AP Computer Science Principles

TSDS PEIMS Code: A3580300 (APCSPRIN)

Grade Placement: 11–12

Credit: 1

This is a rigorous course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. Students in this course will use multiple languages. The production of real-world projects is required. An Advanced Placement exam is administered and a digital portfolio of student projects is submitted.

Computer Technician Practicum

TSDS PEIMS Code: 13027500 (COMPT1)

Grade Placement: 12

Credit: 2

Prerequisite: None.

In the Computer Technician Practicum, students will gain knowledge and skills in computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. 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 instructor, with an industry mentor, or both.



PUBLIC SERVICES ENDORSEMENT
Law, Public Safety, Corrections and Security Program of Study

Probations or Corrections Officer						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-10	16725	Principles of Law, Public Safety, Corrections & Security	1	13029200		
10-12	16370	Law Enforcement I	1	13029300		
10-12	16740	Federal Law Enforcement & Protective Services	1	13029800		
10-12	16735	Correctional Services	1	13029700		
10-12	16757	Court Systems & Practices	1	13029600		
11-12	16750	Law Enforcement II	1	13029400		
12	16755	Practicum in Law, Public Safety, Corrections & Security (Double Block)	2	13030100		
Forensics or Crime Scene Investigator						
9-10	16725	Principles of Law, Public Safety, Corrections & Security	1	13029200		
10-12	16370	Law Enforcement I	1	13029300		
10-12	16740	Federal Law Enforcement & Protective Services	1	13029800		
10-12	16757	Court Systems & Practices	1	13029600		
11-12	16745	Forensic Science*	1	13029500		Science
11-12	16750	Law Enforcement II	1	13029400		

Principles of Law, Public Safety, Corrections, and Security

TSDS PEIMS Code: 13029200 (PRINLPCS)

Grade Placement: 9-10

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.

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: 11–12

Credit: 1

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.

Correctional Services

TSDS PEIMS Code: 13029700 (CORRSRVS)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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.

Forensic Science

****This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13029500 (FORENSCI)

Grade Placement: 11–12

Credit: 1

Prerequisites: Biology and Chemistry.

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. Scientific methods of investigation can be experimental, descriptive, or comparative. The method chosen should be appropriate to the question being asked.

Court Systems and Practices

TSDS PEIMS Code: 13029600 (COURTSP)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types

and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

Federal Law Enforcement and Protective Services

TSDS PEIMS Code: 13029800 (FEDLEPS)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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.

Practicum in Law, Public Safety, Corrections, and Security

TSDS PEIMS Code:

13030100 (First Time Taken) (PRACLPS1)

Grade Placement: 12

Credit: 2

Prerequisite: Principles of Law, Public Safety, Corrections & Security

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.



STEM ENDORSEMENT						
STEM Program of Study						
Engineer-Designer						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9-10	16886	Intro to Engineering Design (PLTW)	1	N1303742		
10-12	16888	Principles of Applied Engineering (PLTW)	1	13036200		
10-12	16885	Engineering Design & Presentation	1	13036500		
11-12	16890	Engineering Design & Presentation II	2	13036600		
11-12	16892	Engineering Design & Problem Solving* (PLTW)	1	13037300		Science
12	16692	Practicum in STEM	2	13037400		
Robotics						
9-10	16886	Intro to Engineering Design (PLTW)	1	N1303742		
10-12	16888	Principles of Applied Engineering (PLTW)	1	13036200		
10-12	16668	Robotics I	1	13037000		
10-12	16645	Computer Programming I <i>(formerly .Net Engineering I)</i>	1	13027600		
11-12	16672	Solid State Electronics (Advanced Electronics)	1	13036900		
12	16692	Practicum in STEM	2	13037400		
Electronics						
9-10	16886	Intro to Engineering Design (PLTW)	1	N1303742		
10-12	16888	Principles of Applied Engineering (PLTW)	1	13036200		
10-12	16666	AC/DC Electronics	1	13036800		
10-12	16641	Principles of Technology*	1	13037100		Science
11-12	16672	Solid State Electronics (Advanced Electronics)	1	13036900		
12	16692	Practicum in STEM	2	13037400		
Biotechnology						
9-10	16449	Principles of Biosciences	1	13036300		
10	16445	Biotechnology	1	13036400		Science
11	16446	Biotechnology II	1	13036450		Science
12	16893	Scientific Research and Design	1	13037200		

Introduction to Engineering Design (PLTW)

TSDS PEIMS Code: N1303742 (IED)

Grade Placement: 9-10

Credit: 1

Prerequisite: None.

This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Students will use multiple software applications to prepare and present course assignments.

Principles of Applied Engineering

TSDS PEIMS Code: 10306200 (PRAPPENG)

Grade Placement: 10-12

Credit: 1

Prerequisite: None

The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers. This course gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the goal of education. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Principles of Biosciences

TSDS PEIMS Code: 13036300 (PRBIOSCI)

Grade Placement: 9-10

Credit: 1

Prerequisite: None.

Principles of Biosciences is a strong reinforcement of Biology content that provides an overview of biotechnology, bioengineering, and related fields. Topics include genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students will further study the increasingly important agricultural, environmental, economic, and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology.

AC/DC Electronics

TSDS PEIMS Code: 13036800 (ACDCELEC)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

AC/DC Electronics focuses on the basic electricity principles of alternating current/direct current (AC/DC) circuits. Students will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students will explore career opportunities, employer expectations, and educational needs in the electronics industry.

Solid State Electronics (*Advanced Electronics*)

TSDS PEIMS Code: 13036900 (SOSTELEC)

Grade Placement: 11–12

Credit: 1

Prerequisite: AC/DC Electronics.

Students will demonstrate knowledge and applications of advanced circuits, electrical measurement, and electrical implementation used in the electronics and computer industries. Students will transfer advanced academic skills to apply engineering principles and technical skills to troubleshoot, repair, and modify electronic components, equipment, and power electronic systems in a project-based environment. Additionally, students will explore career opportunities, employer expectations, and educational needs in the electronics industry.

Principles of Technology

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13037100 (PRINTECH)

Grade Placement: 10–12

Credit: 1

Prerequisites: One credit of high school science and Algebra I.

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

Engineering Design and Presentation I

TSDS PEIMS Code: 13036500 (ENGDSR1)

Grade Placement: 10–12

Credit: 1

Prerequisite: Algebra I.

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

Engineering Design and Presentation II

TSDS PEIMS Code: 13036600 (ENGDSR2)

Grade Placement: 11–12

Credit: 2

Prerequisites: Algebra I and Geometry. Engineering Design and Presentation I

Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and

projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping.

Engineering Design and Problem Solving

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13037300 (ENGDPRS)

Grade Placement: 11–12

Credit: 1

Prerequisites: Algebra I and Geometry.

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

Robotics I

TSDS PEIMS Code: 13037000 (ROBOTIC1)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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

Biotechnology I

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13036400 (BIOTECH1)

Grade Placement: 11–12

Credit: 1

Prerequisite: Biology and Chemistry.

In Biotechnology I, students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biotechnology I will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics. Students must meet the 40% laboratory and fieldwork requirement.

Biotechnology II

**** This course could satisfy a science credit requirement****

TSDS PEIMS Code: 13036450 (BIOTECH2)

Grade Placement: 11–12

Credit: 1

Prerequisites: Biotechnology I, Biology, and Chemistry.

Biotechnology II has the components of any rigorous scientific or bioengineering program of study from the problem identification, investigation design, data collection, data analysis, and formulation and presentation of the conclusions. This course applies the standard skills mastered in Biotechnology I and includes assay design. After taking this course, students should be prepared for entry-level lab technician jobs. Students must meet the 40% laboratory and fieldwork requirement.

Computer Programming I (Formerly .Net Engineering I)

TSDS PEIMS Code: 13027600 (COMPPRO1)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

In this course, students will acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students will design algorithms and programming solutions to a variety of computational problems using Visual C++. Students will also design, write, and debug computer programs.

Scientific Research and Design

**** This course could satisfy a science credit requirement ****

TSDS PEIMS Code: 13037200 (SCRID)

Grade Placement: 11–12

Credit: 1

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

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Practicum in Science, Technology, Engineering, and Mathematics

TSDS PEIMS Code: 13037400 (PRCSTEM1)

Grade Placement: 12

Credit: 2

Prerequisites: Algebra I and Geometry.

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



BUSINESS AND INDUSTRY ENDORSEMENT
Transportation, Distribution, and Logistics Program of Study

Aircraft Mechanic						
Grade	Course #	Course Title	Credits	PEIMS #	Dual Credit Option	Core Credit
9	16871	Intro to Aircraft Technology	1	13039350		
10-11	16883	Aircraft Airframe Technology (Double Block)	2	13039400		
11-12	16882	Aircraft Powerplant Technology (Double Block)	2	13039500		
12	16881	Pract in Transportation Systems (Aviation Mechanics) (Double Block)	2	13040450		
Aircraft Pilot						
9	16871	Intro to Aircraft Technology	1	13039350		
10-11	16883	Aircraft Airframe Technology (Double Block)	2	13039400		
11-12	16884	Pract in Transportation Systems (Private Pilot) (Double Block)	2	13040450		
12		Pract in Transportation Systems II (Commercial Pilot) (Double Block)	2	13040460		
Automotive (Dual Credit)						
9-10	16855	Energy, Power, and Transportation Systems	1	13039300		
10-11	16868	Automotive Technology I (Double Block)	2	13039600		
11-12	16869	Automotive Technology II (Dual Credit) (Double Block)	2	13039700	X	
12	16867	Pract in Transportation Systems (Automotive - Dual Credit) (Double Block)	2	13040450	X	
Automotive (General Studies)						
9-10	16855	Energy, Power, and Transportation Systems	1	13039300		
10-11	16861	Automotive Basics	1	13039550		
11-12	16898	Diversified Manufacturing I	1	13032650		
12	16899	Diversified Manufacturing II	1	13032660		

Energy and Power of Transportation Systems

TSDS PEIMS Code: 13039300 (EPTSYS)

Grade Placement: 9-10

Credit: 1

Energy and Power of Transportation Systems will prepare students to meet the expectations of employers in this industry and to interact and relate to others. Students will need to understand the interaction between various vehicle systems, including engines, transmissions, brakes, fuel, cooling, and electrical. Students will also need to understand the logistics used to move goods and services to consumers, as well as the components of transportation infrastructure.

Automotive Basics

TSDS PEIMS Code: 13039550 (AUTOBASC)

Grade Placement: 10-11

Credit: 1

Prerequisite: None.

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing 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

Automotive Technology I

TSDS PEIMS Code: 13039600 (AUTOTEC1)

Grade Placement: 10-11

Credit: 2

Prerequisite: None.

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. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Automotive Technology II (Dual Credit)

TSDS PEIMS Code: 13039700 (AUTOTEC2)

Grade Placement: 11-12

Credit: 2

Prerequisites: Automotive Technology I

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.

Diversified Manufacturing I

TSDS PEIMS Code: 13032650 (DIMANU1)

Grade Placement: 11–12

Credit: 1

Prerequisite: None.

In Diversified Manufacturing I, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Diversified Manufacturing I, allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques.

Diversified Manufacturing II

TSDS PEIMS Code: 13032660 (DIMANU2)

Grade Placement: 11–12

Credit: 1

Prerequisite: Diversified Manufacturing I

In Diversified Manufacturing II, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Diversified Manufacturing II allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques.

Introduction to Aircraft Technology

TSDS PEIMS Code: 13039350 (INAIRTEC)

Grade Placement: 9

Credit: 1

Prerequisite: None.

Introduction to Aircraft Technology is designed to teach the theory of operation of aircraft airframes, powerplants, and associated maintenance and repair practices. Maintenance and repair practices include knowledge of the function, diagnosis, and service of general curriculum subjects, airframe structures, airframe systems and components, powerplant theory and maintenance, and powerplant systems and components of aircraft. Industry recognized professional licensures, certifications, and registrations are available for students who meet the requirements set forth by the accrediting organization. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Aircraft Airframe Technology

TSDS PEIMS Code: 13039400 (AIRAFTEC)

Grade Placement: 10-11

Credit: 2

Prerequisite: Introduction to Aircraft Technology.

Aircraft Airframe Technology is designed to teach the theory of operation of aircraft airframes and associated maintenance and repair practices. Airframe maintenance and repair practices include knowledge of the function, diagnosis, and service of airframe structures, systems, and components of aircraft.

Aircraft Powerplant Technology

TSDS PEIMS Code: 13039500 (AIRPPTEC)

Grade Placement: 11-12

Credit: 2

Prerequisite: Introduction to Aircraft Technology.

Aircraft Powerplant Technology is designed to teach the theory of operation of aircraft powerplants and associated maintenance and repair practices. Powerplant maintenance and repair practices include

knowledge of the theory, function, diagnosis, and service of powerplant, systems, and components of aircraft. Industry-recognized professional licensures, certifications, and registrations are available for students who meet the requirements set forth by the accrediting organization.

Practicum in Transportation Systems (Automotive) Dual Credit

TSDS PEIMS Code: 13040450 (PRACTRS1)

Grade Placement: 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.

Practicum in Transportation Systems (Aviation Mechanics)

TSDS PEIMS Code: 13040450 (PRACTRS1)

Grade Placement: 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.

Practicum in Transportation Systems (Private Pilot)

TSDS PEIMS Code: 13040450 (PRACTRS1)

Grade Placement: 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.

General Electives



**The following CTE courses can be taken
as general elective courses for all students**

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.

Touch System Data Entry

TSDS PEIMS Code: 13011300 (TSDATAE)

Grade Placement: 9–10

Credits: .5

Prerequisite: None.

In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry skills for production of business documents.

Floral Design

**** This course could satisfy a fine arts credit requirement**

TSDS PEIMS Code: 13001800 (FLORAL)

Grade Placement: 10–11

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.

Money Matters

TSDS PEIMS Code: 13016200 (MONEYM)

Grade Placement: 10–12

Credit: 1

Prerequisite: None.

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.

Business Information Management I

TSDS PEIMS Code: 13011400 (BUSIM1)

Grade Placement: 10–12

Credits: 1

Prerequisite: None.

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.

Advertising

TSDS PEIMS Code: 13034200 (ADVERTIS)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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

Dollars and Sense

TSDS PEIMS Code: 13024300 (DOLLARSE)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

Lifetime Nutrition and Wellness

TSDS PEIMS Code: 13024500 (LNURTWEL)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Social Media Marketing

TSDS PEIMS Code: 13034650 (SMEDMKTG)

Grade Placement: 10–12

Credit: .5

Prerequisite: None.

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

General Employability Skills

TSDS PEIMS Code: N1270153 (GEMPLS)

Grade Placement: 9-12

Credit: 1

Prerequisite: None

Employability skills are the 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 an experiential learning process that takes place over time. This course is designed to guide students through learning these skills that can be transferable among a variety of jobs and careers and are considered essential in any employment situation. Students will learn and apply basic knowledge of what is expected in the world of work.

Career Preparation I

TSDS PEIMS Code: 12701300 (CAREERP1)

Grade Placement: 11–12

Credit: 2

Prerequisite: None.

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Career Preparation II

TSDS PEIMS Code: 12701400 (CAREERP2)

Grade Placement: 12

Credit: 2

Prerequisite: Career Preparation I.

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success.

Parenting Education I

TSDS PEIMS Code: N1302536 (PAED1)

Grade Placement: 9-12

Credit: 1

Prerequisite: None

This course is designed to address the special needs and interests of students who are parents or expectant parents. Special emphasis is placed on prenatal care and development, postnatal care, infant care, child development, and parenting skills. Other units of study address personal development, responsible parenthood and adult roles, family problems and crises, conflict resolution, family health issues, nutrition, safety, management, and employability skills. Students develop the knowledge and skills to the multiple roles of student, parent, family member, and provider.

Parenting Education II

TSDS PEIMS Code: N1302537 (PAED2)

Grade Placement: 10-12

Credit: 1

Prerequisite: Parenting Education I

Parenting Education II is designed to build on education and experiences from Parenting for School Age Parents I. This course provides more in-depth knowledge of parenting and child development including implications of expectations of children, child abuse, disabilities, and issues impacting young families such as employment, postsecondary education, transportation, child care, housing, and personal responsibility. Students develop the knowledge and skills to manage the multiple roles of being a student, parent, family member, and provider.