WICHITA FALLS

INDEPENDENT SCHOOL DISTRICT

Updated August 2026

HIGH SCHOOL COURSE GUIDE



2026-2027

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For more information, visit www.wfisd.net/highschool.

WICHITA FALLS INDEPENDENT SCHOOL DISTRICT

COURSE GUIDE

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Disclaimers

Please note that all courses will not be offered every semester of every year—or even at every campus. Some courses listed in this guide may not actually be offered due to low enrollment or due to the lack of certified teachers. Because of such cancellations or other scheduling conflicts, students may not be able to enroll in all of the courses they plan to take during a semester. For this reason, students should have in mind other course options in case their first choices are not available.

In some cases, courses may be offered only in a virtual learning environment, including (but not limited to) online coursework, or instruction provided remotely over the internet.

In some circumstances, students can earn credit for courses through Odysseyware, the District's online course provider. Credits earned through this program (Odysseyware) may not be accepted by the NCAA Eligibility Center (which determines a student's eligibility to play sports in college).

A student is not required to complete an Algebra II course to graduate under the foundation graduation program. However, parents and students should be aware that not taking Algebra II will make a student ineligible for automatic admission to four year public universities and colleges in Texas and for certain financial aid and grants while attending those institutions.

Course enrollment is based on grade level and aptitude. District policy prohibits discrimination on the basis of race, color, national origin, sex, or handicap in its vocational programs, services, and activities, as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973 as amended. District policy also prohibits discrimination on the basis of race, color, national origin, sex, or handicap in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. The district will take steps to ensure that lack of English language skills will not be a barrier to admission or participation in all educational and vocational programs.

CAMPUS ADMINISTRATION & COUNSELORS

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TEXAS SUCCESS INITIATIVE

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The Texas Success Initiative (TSI) is a program mandated by the Texas legislature. It is designed to determine if a student is ready for college-level coursework in the general areas of reading, writing, and mathematics. Students are able to demonstrate college-readiness by meeting the minimum Benchmark scores set for the SAT, ACT, or TSIA2 in both ELAR and mathematics. The table below summarizes the established benchmarks for each assessment:

TSI Benchmark Standards

Assessment	Mathematics	English Language Arts (ELAR)	
SAT	At least a 530 math score	At least a 480 Evidenced-Based Reading & Writing (EBRW)	
ACT	At least a 22 math score	At least a 40 on English and reading combined scores	
TSIA2	At least a 950 CRC score **OR** CRC below 950 and a 6 diagnostic	At least a 945 CRC score **OR** CRC below 945 and a 5 or 6 diagnostic	At least a 5 on the ESSAY

Students may use multiple exams to establish college-readiness. For example, a student may take the SAT and meet the benchmark score for ELAR but not mathematics. The student could then take the math portion of the TSIA2, and meet the benchmark score for math; thus, the student is considered “TSI clear” in both ELAR and mathematics. Students in the WFISD have many advanced coursework options available that may lead to college credit. Before enrolling in these courses, students should be TSI clear in math, ELAR, or both depending on the course. The requirements will be listed under “Prerequisites/Information” on the Course List for each subject.

The WFISD high school campuses offer the TSIA2 assessment multiple times during the year for various groups of students, such as students interested in AP/IB/Dual Credit after scheduling, most students enrolled in English 2 and Algebra 2 in the late winter months. Additionally, students may go to Vernon College to take the TSIA2 if repeated attempts are necessary or they missed a testing window opportunity at their school. There is a small cost associated with taking the TSIA2 at Vernon College.

Contact your school’s College & Career Advisor for more information on college-readiness assessments.

LEGACY COLLEGE & CAREER ADVISOR

Jessica Dixon
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MEMORIAL COLLEGE & CAREER ADVISOR

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GPA & CLASS RANK

Course Descriptions for each course include information about the course's Grade Point Average (GPA) scale. Students will be awarded GPA points based on the grade earned in each enrolled course for semester 1 and semester 2. The breakdown of high school GPA points is shown below:

GRADE POINTS

Grade Earned	Advanced	Regular	Modified
95-100	5.0	4.0	3.0
90-94	4.5	3.5	2.5
85-89	4.0	3.0	2.0
80-84	3.5	2.5	1.5
77-79	3.0	2.0	1.0
75-76	2.5	1.5	1.0
72-74	2.0	1.0	0.0
70-71	1.5	1.0	0.0
≤ 69	0.0	0.0	0.0

Advanced courses that earn more grade points include:

- Honors courses
- Advanced Placement (AP) courses
- International Baccalaureate (IB) Diploma Program (DP) courses
- Dual Credit (DC) courses
- OnRamps courses

Some students may receive modifications of the course content. This only occurs when a special committee determines through testing that modification of the standard curriculum is necessary. Since the committee communicates those needs directly to the student's counselor, those courses are not listed for open choice in the course guide.

Initial class rankings are determined using the earned grade points.

For more information related to GPA and class rank, please see the Academic Policies & Procedures Guide.

ENGLISH LANGUAGE ARTS COURSES

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Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
13100	English I		9	1.0
13110	Honors English I		9	1.0
13200	English II	Taken English I	10	1.0
13210	Honors English II	Taken English I	10	1.0
13300	English III	Taken English II	11	1.0
13310	AP English III	English II, TSI Clear in ELAR	11	1.0
13320	IBDP English III (Year 1)	English II, TSI Clear in ELAR	11	1.0
VC1333 VC1334	Dual Credit English III (Vernon College)	English II, TSI Clear in ELAR Must have own transportation.	11	0.5 (S1) 0.5 (S2)
MD1333 MD1334	Dual Credit English III (MSU Texas)	English II, TSI Clear in ELAR	11	0.5 (S1) 0.5 (S2)
13550	Business English	Taken English III (4th English credit, except for the Multi-disciplinary endorsement). **NOT accepted by NCAA.**	12	1.0
13400	English IV	Taken English III	12	1.0
13410	AP English IV	English III, preferably AP, or Dual Credit English Comp I&II, TSI Clear in ELAR	12	1.0
13420	IBDP English IV (Year 2)	Taken IBDP English III (Year 1)	12	1.0
VC1343 VC1344	Dual Credit English IV (Vernon College)	English III, TSI Clear in ELAR Must have own transportation.	12	0.5 (S1) 0.5 (S2)
MD1343 MD1344	Dual Credit English IV (MSU Texas)	English III, TSI Clear in ELAR	12	0.5 (S1) 0.5 (S2)

Requirements: To graduate high school, students must:

- Take 4 English courses (including English I, II, and III).
- Pass the English I STAAR End-of-Course (EOC) exam
- Pass the English II STAAR End-of-Course (EOC) exam

College-ready: Students meeting the benchmark scores on the SAT, ACT, TSIA2, or a combination of exam scores, are considered college-ready by the Texas Education Agency and the Texas Higher Education Coordinating Board. Some colleges and universities may have higher score requirements for admission. Check the website for any college or university that you may be interested in attending to find their specific admission requirements. See the TSI page for more information on scores.

Students who have not achieved “readiness” by the senior year may take a *College Prep ELAR* course. Completion of this online, self-paced program guarantees “college ready” status (to bypass introductory level coursework) at over 40 universities, colleges and trade schools across Texas.

COURSE SEQUENCES: ENGLISH LANGUAGE ARTS

Who	Traditional students	Students seeking college credit while still in high school		
Grade	The standard sequence of English courses satisfies graduation requirements.	Students who meet admission requirements can take courses at Vernon College or MSU Texas to count for English III and IV. For info, see page 19 on "Dual Credit."	Advanced Placement (AP) English courses are available for students who want to earn college credit through end-of-year exams.	Upper-level diploma program (DP) courses in English are available through the International Baccalaureate (IB) students.
9	English I	Honors English I	Honors English I	Honors English I
	↓	↓	↓	↓
10	English II	Honors English I	Honors English I	Honors English I
	↓	↓	↓	↓
11	English III	College English Composition	AP English Language & Composition	IBDP English A Year 1 (SL)
	↓	↓	↓	↓
12	English IV or Business English	College British Literature	AP English Literature & Composition	IBDP English A Year 2 (HL)

COURSE DESCRIPTIONS: ENGLISH LANGUAGE ARTS

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

13100 **English I** GPA Scale: Regular PEIMS#: 03220100	This course covers grammar, literature, composition, vocabulary development, and spelling. Development of language concepts along with reading and writing skills are stressed. Students focus on literary and informational pieces including plays, novels, and poetry. Students will write literary, argumentative, and informational texts..
13110 **Honors English I** GPA Scale: Advanced PEIMS#: 03220100	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors English I teaches the same skills and general concepts as English I; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
13200 **English II** GPA Scale: Regular PEIMS#: 03220200	English II is a world literature survey course emphasizing classical reading selections. Text complexity increases with challenging vocabulary, sophisticated sentence structures, nuanced text features, cognitively demanding content, and subtle relationships among ideas
13210 **Honors English II** GPA Scale: Advanced PEIMS#: 03220200	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors English II teaches the same skills and general concepts as English II; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
13300 **English III** GPA Scale: Regular PEIMS#: 03220300	English III is an American literature survey course emphasizing classical reading selections. Additional focus is placed on writing, with more rigorous attention on composition skills, vocabulary, and the conventions of language. A research paper is required.

ENGLISH LANGUAGE ARTS COURSE DESCRIPTIONS (continued)

13310 **AP English III (Language & Composition)** GPA Scale: Advanced PEIMS#: A3220100	The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum. This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods.This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
13320 **IBDP English III** (Year1) GPA Scale: Advanced PEIMS#: I3220700	*IB Courses are only offered at the Legacy campus.* Junior Language A-1 of the IB program will study Part 2 and Part 4 of the Language A-1 International Baccalaureate Curriculum. The human journey will be integrated into the study of the prescribed areas of poetry, drama and the novel as a thematic foundation. The course includes an in-depth analysis of literary language and author's use of technique as well as thematic structures. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
VC1333/VC1334 **Dual Credit English III (Vernon College)** GPA Scale: Advanced PEIMS#: 03220300	**Note: These are college courses taken for high school credit.* S1: ENGL 1301 is an 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. S2: ENGL 1302 is an 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.
MD1333/MD1334 **Dual Credit English III (MSU Texas)** GPA Scale: Advanced PEIMS#: 03220300	**Note: These are college courses taken for high school credit.* S1: ENGL 1143 provides training in rhetoric, including skills involved in the writing process through composition and reading with the addition of particular skills needed for thoughtful research, from selection and analysis to integration and documentation of both print and electronic sources. Students will be required to prepare a research paper of moderate length demonstrating these skills. S2: ENGL 1153 provides students an opportunity to develop critical reading and literary analysis skills in order to achieve deeper understanding of literary texts. Students will explore the various factors informing the production of written texts and learn how to conduct literary research in order to gain experience exploring different perspectives on select literary works and themes. The course will include several opportunities for students to articulate their interpretations and insights in essay assignments, which will be assessed for clarity, insight, and understanding.

ENGLISH LANGUAGE ARTS COURSE DESCRIPTIONS (continued)

13550 **Business English** GPA Scale: Regular PEIMS#: 130116600	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. *If course enrollment is low, it is possible this class may only be offered at the CEC.* ***This course is not accepted as a 4th English credit by the NCAA, nor can it be used to satisfy the 4th English requirement on the Multidisciplinary Endorsement.*
13400 **English IV** GPA Scale: Regular PEIMS#: 03220400	English IV is a British literature survey course emphasizing classical selections. Additional emphasis is placed on writing, with a more rigorous focus on composition skills, vocabulary, and the conventions of language. A research paper is required.
13410 **AP English IV (Literature & Composition)** GPA Scale: Advanced PEIMS#:	The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum.This course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
13420 **IBDP English IV** (Year 2) GPA Scale: Advanced PEIMS#: I3220800	*IB Courses are only offered at the Legacy campus.* As a final step toward the International Baccalaureate Diploma, the student will continue the thematic exploration of world literature, produce a variety of quality writings, and analyze a broad spectrum of world literature. An original research paper will be required. The goal of this culminating class is to develop strong writers and critical thinkers who can move with ease in the world community. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
VC1343/VC1344 **Dual Credit English IV (Vernon College)** GPA Scale: Advanced PEIMS#: 03220400	**Note: These are college courses taken for high school credit.* S1: ENGL 2322 is 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. S2: ENGL 2323 is a survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

MD1343/MD1344 **Dual Credit English IV (MSU Texas)** GPA Scale: Advanced PEIMS#: 03220400	**Note: These are college courses taken for high school credit.* S1: ENGL 2813 is a survey of English literature from its seventh century beginnings through the neoclassical era. Emphasis is on the works of principal authors as they reflect literary and historical backgrounds. S2: ENGL 2823 is a survey of English literature of the Romantic, Victorian, and Modern periods. Emphasis is on the works of principal authors as they reflect literary and historical backgrounds.

MATHEMATICS COURSES

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Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
14100	Algebra I	8th grade Math (or equivalent)	9	1.0
14110	Honors Algebra I	8th grade Math (or equivalent)	9	1.0
14200	Geometry	Taken Algebra I	9-10	1.0
14210	Honors Geometry	Taken Algebra I, preferably honors	9-10	1.0
14400	Math Models	Taken Algebra I	10-11	1.0
14300	Algebra II	Taken Algebra I	10-11	1.0
14310	Honors Algebra II	Taken Algebra I and Geometry (or concurrent), preferably honors	9-11	1.0
20136	Financial Math	Algebra I, Geometry, **NOT accepted by NCAA**	11-12	1.0
14440	Advanced Quantitative Reasoning	Geometry and Algebra II	11-12	1.0
14500	Precalculus	Geometry and Algebra II	11-12	1.0
14550	AP Precalculus	Geometry and Algebra II, TSI Clear in Math	10-12	1.0
14600	AP Calculus AB	Precalculus, TSI Clear in Math	11-12	1.0
14610	AP Calculus BC	Honors or AP Precalculus, TSI Clear in Math	11-12	1.0
14800	AP Statistics	Algebra II or Precalculus, TSI Clear in Math	11-12	1.0
14620	IBDP Analysis & Approaches SL	Precalculus, TSI Clear in Math	11-12	1.0
14630	IBDP Applications & Interpretations SL	Alg II & Precal (or concurrent), TSI Clear in Math	11-12	1.0
MD1433	Dual Credit Independent Study in Math (MSU Texas Trigonometry)	College Algebra, TSI Clear in Math	12	0.5
VC1316	Dual Credit Independent Study in Math (Vernon College Trigonometry)	College Algebra, TSI Clear in Math	12	0.5
VC1441	Dual Credit Independent Study in Math (S1) (Vernon College Contemporary Math)	Algebra II, TSI Clear in Math *May not be taken after College Algebra	12	0.5
MD1441	Dual Credit Independent Study in Math (S1) (MSU Texas Contemporary Math)	Algebra II, TSI Clear in Math *May not be taken after College Algebra	12	0.5
VC1453	Dual Credit Independent Study in Math (S1) (or S2)* (Vernon College College Algebra)	Algebra II, TSI Clear in Math *This is a 2nd semester course when paired with Contemporary Math	12	0.5
MD1453	Dual Credit Independent Study in Math (S1) (or S2)* (MSU Texas College Algebra)	Algebra II, TSI Clear in Math *This is a 2nd semester course when paired with Contemporary Math	12	0.5
VC1442	Dual Credit Independent Study in Math (S2) (Vernon College Statistics)	Algebra II, Contemporary Math or College Algebra, TSI Clear in Math	12	0.5
MD1455	Dual Credit Independent Study in Math (S2)	Algebra II, College Algebra, TSI Clear in Math	12	0.5

	(MSU Texas Precalculus)			

Requirements: To graduate high school with an endorsement, students must:

- Take 4 mathematics courses (including Algebra I and Geometry)
- Pass the Algebra I STAAR End-of-Course (EOC) exam

Note: Algebra II is a required course for all students who pursue the STEM endorsement.

Algebra II College Entry Notification

A student is not required to complete an **Algebra II** course to graduate under the foundation graduation program. However, students and parents should be aware that not taking Algebra II will make a student ineligible for automatic admission to four year public universities and colleges in Texas and for certain financial aid and grants while attending those institutions.

College-ready: Students meeting the benchmark scores on the SAT, ACT, TSIA2, or a combination of exam scores, are considered college-ready by the Texas Education Agency and the Texas Higher Education Coordinating Board. Some colleges and universities may have higher score requirements for admission. Check the website for any college or university that you may be interested in attending to find their specific admission requirements. See the TSI page for more information on scores.

Students who have not achieved "readiness" by the senior year may take a *College Prep Math* course. Completion of this online, self-paced program guarantees "college ready" status (to bypass introductory level coursework) at over 40 universities, colleges and trade schools across Texas.

COURSE SEQUENCES: MATH

Who	Students who did NOT take Honors Algebra I in the 8th grade			
	Traditional students		Students seeking college credit while still in high school	
Grade	In most cases, students will take the standard sequence of math courses.	For students who struggle to pass the Algebra I EOC exam, the Math Models course is recommended.	Students who meet admission requirements can take college courses to count for a fourth math. For info, see page 19 on "Dual Credit."	In some cases, advanced students may be allowed to "double up" on Geometry and Algebra II, in order to take an AP or IB course during 12th grade.
9	Algebra I	Algebra I	Honors Algebra I	Honors Algebra I
	↓	↓	↓	↓
10	Geometry	Math Models	Honors Geometry	Honors Geometry and Honors Algebra II
	↓	↓	↓	↓
11	Algebra II	Geometry	Honors Algebra II	AP Precalculus
	↓	↓	↓	↓
12	Precalculus, or another advanced math course	Algebra II	Dual Credit Math	AP Calculus, AP Statistics, IB AI, or IB AA, etc.

MATH COURSE SEQUENCES (continued)

Who	Students who took Honors Algebra I in the 8th grade			
Grade	College-bound students who take Algebra I in middle school can ultimately take AP classes.	In some cases, advanced students may be allowed to "double up" on Geometry and Algebra II.	IB Diploma candidates can take the Applications & Interpretations (AI) course as a senior. (It is also possible to take this course instead of Precalculus.) Or, IB students can take the Analysis & Approaches (AA) class (which requires Precalculus).	
9	Honors Geometry	Honors Geometry and Honors Algebra II	Honors Geometry	
	↓	↓	↓	
10	Honors Algebra II	AP Precalculus	Honors Algebra II	
	↓	↓	↓	
11	AP Precalculus	AP Statistics	AP Precalculus	
	↓	↓	↙	↘
12	AP Calculus and/or AP Statistics, and/or Dual Credit Math	AP Calculus and/or Dual Credit Math	IB Applications & Interpretations (AI) SL	IB Analysis & Approaches (AA) SL

COURSE DESCRIPTIONS: MATHEMATICS

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

14100 **Algebra I** GPA Scale: Regular PEIMS#: 03100500	Algebra I is designed to expand the manipulative skills of arithmetic to algebraic skills. This course develops the properties of real numbers; includes the study of linear equations, inequalities, operations with polynomials, factoring, algebraic fractions, functions, graphing systems of equations, and operations with radicals. The TEKS place much emphasis on functions and graphing; emphasis on use of the graphing calculator; and emphasis on realistic up-to-date word problems. Conceptual development with hands-on activities will precede abstract thinking activities.
14110 **Honors Algebra I** GPA Scale: Advanced PEIMS#: 03100500	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Algebra I teaches the same skills and general concepts as Algebra I; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level. Honors also includes an introductory unit of both trigonometry and probability of statistics.
14200 **Geometry** GPA Scale: Regular PEIMS#: 03100700	Geometry is designed to stimulate creative and logical thought processes and to develop systematic reasoning. Geometry will include the study of angles, perpendicular and parallel lines, congruent triangles, polygons, constructions, area and volume, trigonometric ratios and coordinate geometry. Proofs will be emphasized to develop logical reasoning.
14210 **Honors Geometry** GPA Scale: Advanced PEIMS#: 03100700	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Geometry teaches the same skills and general concepts as Geometry; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level. Students in Honors Geometry will be given a more in-depth study of transformational, solid, and non-Euclidean geometry, while also taking a deeper dive into trigonometry.

MATH COURSE DESCRIPTIONS (continued)

14400 **Math Models** GPA Scale: Regular PEIMS#: 03102400	Students continue to build on the Algebra I foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure to model information, and to solve problems from various disciplines. Real-world applications include money, data, chance, patterns, music, design, and science.
14300 **Algebra II** GPA Scale: Regular PEIMS#: 03100600	Algebra II curriculum is an expansion of Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.
14310 **Honors Algebra II** GPA Scale: Advanced PEIMS#: 03100600	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Algebra II teaches the same skills and general concepts as Algebra II; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level. Honors Algebra II requires extensive application of learned skills in new settings through realistic up-to-date word problems. Abstract thinking will be developed and technology will be extensively utilized.
20136 **Financial Math** GPA Scale: Regular PEIMS#: 13018000	Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial Mathematics will integrate career and postsecondary education planning into financial decision making. Topics include budgeting, withholdings, income taxes, car and home loans, credit, and investing for the future. *This course is not accepted as a 4th math credit by the NCAA.*
14440 **Advanced Quantitative Reasoning (AQR)** GPA Scale: Regular PEIMS#: 03102510	In AQR, students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.
14500 **Precalculus** GPA Scale: Regular PEIMS#: 03101100	Precalculus is preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, use technology to build understanding, make connections between representations, and provide support in solving problems.

MATH COURSE DESCRIPTIONS (continued)

14550 **AP Precalculus** GPA Scale: Advanced PEIMS#: A3100100	AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level math courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
14600 **AP Calculus AB** GPA Scale: Advanced PEIMS#: A3100101	AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. AP Calculus AB features a multirepresentational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. This course is designed to prepare students for the Advanced Placement test, which may result in college credit. *Students may not take both AB & BC Calculus.*
14610 **AP Calculus BC** GPA Scale: Advanced PEIMS#: A3100102	AP Calculus BC is designed to be the equivalent to both first and second semester college calculus courses. AP Calculus BC applies the content and skills learned in AP Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series.This course is designed to prepare students for the Advanced Placement test, which may result in college credit. *Students may not take both AB & BC Calculus.*
14800 **AP Statistics** GPA Scale: Advanced PEIMS#: A3100200	The AP Statistics course is designed to be the equivalent of a one-semester, introductory, non-calculus-based college course in statistics.The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
14620 **IBDP Analysis & Approaches SL** GPA Scale: Advanced PEIMS#: I3100500	*IB Courses are only offered at the Legacy campus.* The IBDP Mathematics Analysis and Approaches course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. There is a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.

14630 **IBDP Applications & Interpretations SL** GPA Scale: Advanced PEIMS#: I3100700	*IB Courses are only offered at the Legacy campus.* The IBDP Mathematics Applications and Interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
VC1316 **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#: 03102500	**Note: This is a college course taken for high school credit.* MATH 1316, Plane Trigonometry, 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. *Must have MATH 1314 College Algebra*
VC1441 (Sem 1 only) **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#: 03102500	**Note: This is a college course taken for high school credit.* MATH 1332, Contemporary Mathematics, is a basic, introductory math course. Topics may include introductory treatment of sets, logic, number systems, number theory, relations, functions, probability and statistics. Appropriate applications are included. Can not be taken after College Algebra.
MD1441 (Sem 1 only) **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#: 03102500	**Note: This is a college course taken for high school credit.* MATH 1053, Contemporary Mathematics, is a basic, introductory math course. It is a survey of the use of mathematics in the modern world. Topics include theory of elections and apportionment, graphs and networks, growth and symmetry, or statistics. Can not be taken after College Algebra.
VC1453 **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#: 03102500	**Note: This is a college course taken for high school credit.* MATH 1314, College Algebra, is an in-depth study with 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.
MD1453 **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#: 03102500	**Note: This is a college course taken for high school credit.* MATH 1233, College Algebra, is an in-depth study of polynomials, rational, radical, exponential and logarithmic functions, including applications for these functions and methods for solving related equations and inequalities. Additional topics, such as systems of linear equations, may be included. (This course is designed for students planning to take additional mathematics.)
VC1442 (Sem 2 only) **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#: 03102500	**Note: This is a college course taken for high school credit.* MATH 1342, Elementary Statistical Methods, is a course in the presentation and interpretation of data, probability, sampling, hypothesis testing, correlation and regression, analysis of variance, and the use of statistical software.
MD1455 (Sem 2 only) **Dual Credit Ind Study Math** GPA Scale: Advanced PEIMS#:03102500	**Note: This is a college course taken for high school credit.* MATH 1534, Precalculus, is a course in the applications of algebra and trigonometry to the study of elementary functions and their graphs including polynomial, rational, exponential, logarithmic and trigonometric functions. Each student must have a graphing calculator.

SCIENCE COURSES

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Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
15100	Biology		9	1.0
15110	Honors Biology		9	1.0
15200	Integrated Physics & Chemistry (IPC)		10	1.0
15300	Chemistry	Algebra I *and* 1 year of science	10-11	1.0
15310	Honors Chemistry	Algebra I *and* 1 year of science	10	1.0
15400	Physics for Engineering	Algebra I *and* 1 year of science	10-12	1.0
15500	Environmental Systems	Biology and either IPC or Chemistry	11-12	1.0
15700	Earth Systems Science	Algebra I and two credits of high school science	11-12	1.0
15900 15910	Forensic Science Forensic Science @CEC	Biology, Chemistry or Physics or IPC	11-12	1.0
15651	Medical Microbiology @CEC	Biology and Chemistry	11-12	1.0
15190 15161	Anatomy & Physiology Anatomy & Physiology @CEC	Biology and either IPC or Chemistry	11-12	1.0
15160	Honors Anatomy & Physiology	Biology and Chemistry	11-12	1.0
15130	AP Biology	Honors Biology, Chemistry(may take concurrently), TSI Clear in Math	10-12	1.0
15140	IBDP Biology (Year 1)	Honors Biology, Chemistry, TSI Clear in ENGL & Writing	11	1.0
15150	IBDP Biology (Year 2)	IBDP Biology (Year 1),TSI Clear in ENGL & Writing	12	1.0
15330	AP Chemistry	Honors Chemistry, Algebra II, TSI Clear in Math	11-12	1.0
15340	IBDP Chemistry (Year 1)	Honors Chemistry, TSI Clear in Math	11	1.0
15350	IBDP Chemistry (Year 2)	IBDP Chemistry (Year 1), TSI Clear in Math	12	1.0
15610	Dual Enrollment Geoscience (OnRamps Earth, Wind, and Fire)	Biology or IPC, and Chemistry, For second semester: Sem 1 grade minimum, or TSI Clear in Math	11-12	1.0
15411	AP Physics 1	Algebra II (or concurrent), TSI Clear in Math	10-12	1.0
15431	AP Physics 2	AP Physics 1, TSI Clear in Math	11-12	1.0
VC1513 VC1514	Dual Credit Environmental Systems (Vernon College Biology)	Biology and either IPC or Chemistry, TSI Clear in ENGL & Writing	12	0.5 (S1) 0.5 (S2)
VC1533 VC1534	Dual Credit Anatomy & Physiology (Vernon College A&P)	Biology and either IPC or Chemistry,TSI Clear in ENGL & Writing	12	0.5 (S1) 0.5 (S2)

Requirements: To graduate high school with an endorsement, students must:

- Earn 4 science credits (including Biology and either IPC or Chemistry)
- Pass the Biology STAAR End-of-Course (EOC) exam

COURSE SEQUENCES: SCIENCE

Grade	In most cases, students will take the standard sequence of science courses.	For students who struggle to pass the Biology EOC exam, it is recommended to take IPC and Environmental Systems.	To prepare for college, advanced students can enroll in honors courses, then choose from several advanced courses as a senior.
9	Biology	Biology	Honors Biology
	↓	↓	↓
10	Chemistry	IPC	Honors Chemistry
	↓	↓	↓
11	PT Physics	Environmental Systems	PT Physics or AP Physics 1
	↓	↓	↓
12	Earth Systems Science, Forensic Science, or other advanced science course	Earth Systems Science, or other advanced science course	Honors Anatomy & Physiology, Forensic Science, or other advanced science course

Grade	College-bound students can take Advanced Placement (AP) or dual credit courses during their 11th and 12th grade years.		IB Diploma candidates can take either two years of advanced Chemistry, or two years of advanced Biology courses.	
9	Honors Biology		Honors Biology	
	↓		↓	
10	Honors Chemistry		Honors Chemistry	
	↙	↘	↙	↘
11	AP Physics 1	AP Biology, AP Chemistry, Honors Anatomy & Physiology, Honors Geocience, dual credit (12th), etc.	IBDP Biology (year 1)	IBDP Chemistry (year 1)
	↓		↓	↓
12	AP Physics 2 and/or Dual Credit Science		IBDP Biology (year 2)	IBDP Chemistry (year 2)

COURSE DESCRIPTIONS: SCIENCE

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

15100 **Biology** GPA Scale: Regular PEIMS#: 03010200	In Biology, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.
15110 **Honors Biology** GPA Scale: Advanced PEIMS#: 03010200	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Biology teaches the same skills and general concepts as Biology; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.

SCIENCE COURSE DESCRIPTIONS (continued)

15200 **Integrated Physics & Chemistry (IPC)** GPA Scale: Regular PEIMS#: 03060201	In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific practices during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.
15300 **Chemistry** GPA Scale: Regular PEIMS#: 03040000	In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.
15310 **Honors Chemistry** GPA Scale: Advanced PEIMS#: 03040000	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Chemistry teaches the same skills and general concepts as Chemistry; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
15400 **Principles of Technology (Physics)** GPA Scale: Regular PEIMS#: 13037100	In Principles of Technology, students will conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.
15500 **Environmental Systems** GPA Scale: Regular PEIMS#: 03020000	In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, natural changes in the environment, and human activities that impact the natural environment.
15700 **Earth Systems Science** GPA Scale: Regular PEIMS#: 03060200	The Earth Systems Science course is designed to build on students' prior scientific and academic knowledge and skills to develop their understanding of Earth's systems. These systems (the atmosphere, hydrosphere, geosphere, and biosphere) interact through time to produce the Earth's landscapes, climate, and resources. Students explore the geologic history of individual dynamic systems through the flow of energy and matter, their current states, and how these systems affect and are affected by human use.
15900 or 15910 (CEC) **Forensic Science** GPA Scale: Regular PEIMS#: 13029500	Forensic Science is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history and the legal aspects of forensic science.

SCIENCE COURSE DESCRIPTIONS (continued)

15651 (CEC) **Medical Microbiology** GPA Scale: Regular PEIMS#: 13020700	The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.
15190 or 15161 (CEC) **Anatomy & Physiology** GPA Scale: Regular PEIMS#: 13020600	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.
15160 **Honors Anatomy & Physiology** GPA Scale: Advanced PEIMS#: 13020600	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Anatomy & Physiology teaches the same skills and general concepts as Anatomy & Physiology; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
15130 **AP Biology** GPA Scale: Advanced PEIMS#: A3010200	The AP Biology course is designed to be the equivalent to a two-semester college introductory biology course for biology majors. In AP Biology, students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
15140 **IBDP Biology** (Year 1) GPA Scale: Advanced PEIMS#: I3010201	*IB Courses are only offered at the Legacy campus.* Biology is the study of life. The vast diversity of species makes biology both an endless source of fascination and a considerable challenge. By studying IBDP biology students will become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the sciences. Teachers provide students with opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
15150 **IBDP Biology** (Year 2) GPA Scale: Advanced PEIMS#: I3010202	*IB Courses are only offered at the Legacy campus.* Through the study of IBDP biology, students are empowered to make sense of living systems through unifying themes. By providing opportunities for students to explore conceptual frameworks, they are better able to develop understanding and awareness of the living world around them. This is carried further through a study of interactions at different levels of biological organization, from molecules and cells to ecosystems and the biosphere. Integral to the student experience of the DP biology course is the learning that takes place through scientific inquiry. Students will have opportunities to ask questions, design experiments, collect and analyze data, collaborate with peers, and reflect, evaluate and communicate their findings. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.

15330 **AP Chemistry** GPA Scale: Advanced PEIMS#: A3040000	The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. AP Chemistry provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
15340 **IBDP Chemistry** (Year 1) GPA Scale: Advanced PEIMS#: I3040002	*IB Courses are only offered at the Legacy campus.* Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. Chemical principles underpin both the physical environment in which we live and all biological systems. By studying chemistry students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the subject. Students will develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
15350 **IBDP Chemistry** (Year 2) GPA Scale: Advanced PEIMS#: I3040003	*IB Courses are only offered at the Legacy campus.* IBDP Chemistry is primarily concerned with identifying patterns that help to explain matter at the microscopic level. This then allows matter's behavior to be predicted and controlled at a macroscopic level. The subject therefore emphasizes the development of representative models and explanatory theories, both of which rely heavily on creative but rational thinking. IBDP chemistry enables students to constructively engage with topical scientific issues. Students examine scientific knowledge claims in a real-world context, fostering interest and curiosity. By exploring the subject, they develop understandings, skills and techniques which can be applied across their studies and beyond. Integral to the student experience of the DP chemistry course is the learning that takes place through scientific inquiry both in the classroom and the laboratory. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
15610 **Dual Enrollment Geoscience (OnRamps Earth, Wind & Fire)** GPA Scale: Advanced PEIMS#: 03060200	Earth, Wind, and Fire is a course in geoscience literacy. It covers the fundamentals of how the Earth works, and how its various systems—the lithosphere, atmosphere, hydrosphere, and biosphere—interact to form the complex world in which we live. Geoscience is the study of the Earth. In this course, students will study the Earth as an integrated science, applying the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes. Many of the most complex and interesting scientific problems of this century, such as energy resources, water supply, and climate change, require geologic thinking skills to solve. This class introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem-solving skills, as applied to current scientific problems. Students have the potential to claim 3 college credit hours at UT-Austin based on performance.
15411 **AP Physics 1** GPA Scale: Advanced PEIMS#: A3050003	AP Physics 1 is a full-year course that is designed to be the equivalent of a first-semester introductory college course in algebra-based physics. AP Physics 1 is an algebra-based course in which students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.

SCIENCE COURSE DESCRIPTIONS (continued)

15431 **AP Physics 2** GPA Scale: Advanced PEIMS#: A3050004	AP Physics 2 is a full-year course that is designed to be the equivalent of a second-semester introductory college course in algebra-based physics. AP Physics 2 is an algebra-based course in which students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
VC1513/VC1514 **Dual Credit Environmental Systems (Vernon College)** GPA Scale: Advanced PEIMS#: 03020000	**Note: These are college courses taken for high school credit.* S1: BIOL 1308 is a course recommended for non-science majors. It provides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function, and reproduction. S2: BIOL 1309 is a course recommended for non-science majors. This course will provide a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology.
VC1533/VC1534 **Dual Credit Anatomy & Physiology (Vernon College)** GPA Scale: Advanced PEIMS#: 13020600	**Note: These are college courses taken for high school credit.* S1: BIOL 2301 is the study of cells, tissues, and the structure and function of human anatomy, including the integumentary, musculoskeletal, and digestive systems. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis S2: BIOL 2302 is the study of the structure and function of human anatomy, including endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary, (including fluid and electrolyte balance), and reproductive (including human development and genetics) systems. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.

SOCIAL STUDIES COURSES

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Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
16100	World Geography		9	1.0
16110	Honors World Geography		9	1.0
16200	World History		10-12	1.0
16300	US History (since 1877)		10	1.0
16370	Honors US History		10	1.0
16310	AP US History	TSI Clear in ELAR	11-12	1.0
16320	IBDP History of the Americas (Year 1)	TSI Clear in ELAR	11	1.0
16401 & 16402	IBDP History Topics (Year 2)	TSI Clear in ELAR	12	0.5 0.5
VC1633 VC1634	Dual Credit US History (Vernon College)	TSI Clear in ELAR	11	0.5 (S1) 0.5 (S2)
MD1633 MD1634	Dual Credit US History (MSU Texas)	TSI Clear in ELAR	11	0.5 (S1) 0.5 (S2)
16403	US Government		11-12	0.5
16423	AP US Government	TSI Clear in ELAR	12	0.5
VC1641	Dual Credit Government (Vernon College)	TSI Clear in ELAR	12	0.5
MD1641	Dual Credit Government (MSU Texas)	TSI Clear in ELAR	12	0.5
16503	Economics		11-12	0.5
16523	AP Macroeconomics	TSI Clear in ELAR	12	0.5
VC1651	Dual Credit Economics (Vernon College)	TSI Clear in ELAR	12	0.5
MD1651	Dual Credit Economics (MSU Texas)	TSI Clear in ELAR	12	0.5
16660	AP Human Geography	TSI Clear in ELAR	11-12	1.0
16633	Personal Financial Literacy (PFL)	Students may not earn credit for both PFL and PFL&E	11-12	0.5
16634	Personal Financial Literacy & Economics (PFL&E)	Students may not earn credit for both PFL and PFL&E, PFL&E can satisfy the required 1/2 economics credit	11-12	0.5

SOCIAL STUDIES COURSES (continued)

16603	Psychology		11-12	0.5
16613	Sociology		11-12	0.5
VC1661	Dual Credit Psychology (Vernon College)	TSI Clear in ELAR	12	0.5
MD1661	Dual Credit Psychology (MSU Texas)	TSI Clear in ELAR	12	0.5
VC1671	Dual Credit Sociology (Vernon College)	TSI Clear in ELAR	12	0.5
MD1671	Dual Credit Sociology (MSU Texas)	TSI Clear in ELAR	12	0.5

Requirements: To graduate high school with an endorsement, students must:

- Earn 3 social studies credits (including US History, Government [½], Economics [½], and World Geography)
- Pass the US History STAAR End-of-Course (EOC) exam

COURSE SEQUENCES: SOCIAL STUDIES

Grade	Currently, students are required to take only 3 credits of social studies.	Students who are unsuccessful on the US History EOC may be scheduled into World History for re-test prep.
9	World Geography	World Geography
	↓	↓
10	US History	US History
	↓	↓
11	Government / Economics is suggested for grade 12, but can sometimes be taken in grade 11.	World History
		↓
12		Government / Economics

Grade	Students who meet admission requirements can take college courses to count for Government and Economics, as well as other social studies electives. For info, see page 19 on "Dual Credit."	For potential college credit, AP courses are offered in these areas, as well as AP Human Geography.	IB Diploma candidates must take two years of advanced history to test at the HL level in this area.
9	Honors World Geography	Honors World Geography	Honors World Geography
	↓	↓	↓
10	Honors US History	Honors US History	Honors US History
	↓	↓	↓
11	College US History	AP US History	IB History of the Americas (Year 1)
	↓	↓	↓
12	College Government, College Economics	AP Government, AP Economics	IB History Topics (Year 2) (counts as Govt/Econ)

COURSE DESCRIPTIONS: SOCIAL STUDIES

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

16100 **World Geography** GPA Scale: Regular PEIMS#: 03320100	In World Geography, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.
16110 **Honors World Geography** GPA Scale: Advanced PEIMS#: 03320100	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors World Geography teaches the same skills and general concepts as World Geography; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
16200 **World History** GPA Scale: Regular PEIMS#: 03340400	World History Studies is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

SOCIAL STUDIES COURSE DESCRIPTIONS (continued)

16300 **US History** GPA Scale: Regular PEIMS#: 03340100	In US History, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.
16370 **Honors US History** GPA Scale: Advanced PEIMS#: 03340100	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors US History teaches the same skills and general concepts as US History; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
16310 **AP US History** GPA Scale: Advanced PEIMS#: A3340100	AP US History is designed to be the equivalent of a two-semester introductory college course in US history. In AP US 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 and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
16320 **IBDP History of the Americas** (Jr Year) GPA Scale: Advanced PEIMS#: I3301300	*IB Courses are only offered at the Legacy campus.* This course emphasizes the importance of encouraging students to think historically and to develop historical skills as well as gaining factual knowledge. It puts a premium on developing the skills of critical thinking, and on developing an understanding of multiple interpretations of history. In this way, the course involves a challenging and demanding critical exploration of the past. Teachers explicitly teach thinking and research skills such as comprehension, text analysis, transfer, and use of primary sources.
16401/16402 **IBDP History Topics** (Sr Year) GPA Scale: Advanced PEIMS#: 03330100/ 03310300	*IB Courses are only offered at the Legacy campus.* This course is based on a comparative and multi-perspective approach to history. Students continue to build upon skills from IB History of the Americas, while studying political, economic, social, and cultural issues.

VC1633/VC1634 **Dual Credit US History (Vernon College)** GPA Scale: Advanced PEIMS#: 03340100	**Note: These are college courses taken for high school credit.* S1: HIST 1301 is a survey of the social, political, economic, cultural, and intellectual history of the United States from the preColumbian era to the Civil War/Reconstruction period. Themes that may be addressed 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. S2: HIST 1302 picks up at the Civil War/ Reconstruction era and explores themes to the present. 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.
MD1633/MD1634 **Dual Credit US History (MSU Texas)** GPA Scale: Advanced PEIMS#: 03340100	**Note: These are college courses taken for high school credit.* S1: HIST 1133 is a general survey of American History from its European origins to 1865. S2: HIST 1233 is a general survey of American History from 1865 to the present.
16403 **US Government** GPA Scale: Regular PEIMS#: 03330100	In US Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the US Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the US system of government with other political systems. Students identify the role of government in the US free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution.
16423 **AP US Government** GPA Scale: Advanced PEIMS#: A3330100	AP US Government is designed to be the equivalent of an introductory college course in US government. AP US Government provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study US foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.This course is designed to prepare students for the Advanced Placement test, which may result in college credit.

VC1641 **Dual Credit Government (Vernon College)** GPA Scale: Advanced PEIMS#: 03330100	**Note: This is a college course taken for high school credit.* GOVT 2305 studies the origin and development of the US and Texas constitutions, structure and powers of national, state and local government including federalism and the legislative, executive, and judicial branches of government.
MD1641 **Dual Credit Government (MSU Texas)** GPA Scale: Advanced PEIMS#: 03330100	**Note: This is a college course taken for high school credit.* POLS 1433 studies the legislative, executive, and judicial functions in the United States and Texas governments; foreign policy; the conduct of foreign relations; civil liberties and rights; national defense; government and the economy; and governmental services. Special attention given to the Texas government system.
16503 **Economics** GPA Scale: Regular PEIMS#: 03310300	Economics focuses on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed.
16523 **AP Macroeconomics** GPA Scale: Advanced PEIMS#: A3310200	AP Macroeconomics is designed to be the equivalent of a one-semester introductory college course in economics. AP Macroeconomics introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
VC1651 **Dual Credit Economics (Vernon College)** GPA Scale: Advanced PEIMS#: 03310300	**Note: This is a college course taken for high school credit.* ECON 2301 is an analysis of the economy as a whole including measurement and determination of aggregate demand and aggregate supply, national income, inflation, and unemployment. Other topics studied include international trade, economic growth, business cycles, and fiscal policy and monetary policy
MD1651 **Dual Credit Economics (MSU Texas)** GPA Scale: Advanced PEIMS#: 03310300	**Note: This is a college course taken for high school credit.* ECON 2333 follows the scope and methodology of economics. Students will study the development of principles useful for understanding aggregate economics and for choosing policy to resolve such problems as unemployment, inflation, recession, economic stagnation, resource waste, and international trade issues.

SOCIAL STUDIES COURSE DESCRIPTIONS (continued)

16660 **AP Human Geography** GPA Scale: Advanced PEIMS#: A3360100	The AP Human Geography course is designed to be the equivalent of an introductory college-level course in human geography. This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
16633 **Personal Financial Literacy (PFL)** GPA Scale: Regular PEIMS#: 03380082	The PFL course will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages.
16634 **Personal Financial Literacy & Economics (PFL&E)** GPA Scale: Regular PEIMS#: 03380083	The PFL&E course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives.
16603 **Psychology** GPA Scale: Regular PEIMS#: 03350100	In Psychology, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.
16613 **Sociology** GPA Scale: Regular PEIMS#: 03370100	Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.
VC1661 **Dual Credit Psychology (Vernon College)** GPA Scale: Advanced PEIMS#: 03350100	**Note: This is a college course taken for high school credit.* PSYC 2301 is a survey of major topics in psychology. Students will be introduced to the study of behavior and the factors that determine and affect behavior.

MD1661 **Dual Credit Psychology (MSU Texas)** GPA Scale: Advanced PEIMS#: 03350100	**Note: This is a college course taken for high school credit.* PSYC 1103 is an introduction and survey of the basic concepts of psychology as a science of behavior and mental processes. The course includes research and current information in the areas of learning, states of consciousness, human development, personality, and abnormal behavior.
VC1671 **Dual Credit Sociology (Vernon College)** GPA Scale: Advanced PEIMS#: 03370100	**Note: This is a college course taken for high school credit.* SOCI 1301 is an introduction to the concepts and principles used in the study of group life, social institutions, and social processes.
MD1671 **Dual Credit Sociology (MSU Texas)** GPA Scale: Advanced PEIMS#: 03370100	**Note: This is a college course taken for high school credit.* SOCL 1133 is a general survey course introducing students to the field of sociology. Emphasis is on people as products of groups, social interaction, and social forces. Topics covered include marriage and family, deviance, social class, minority relations, and collective behavior with an effort toward helping students understand the social world and their roles in it.

LANGUAGES OTHER THAN ENGLISH (LOTE) COURSES

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Requirements: To graduate high school, students must complete two credits in the same language (Spanish I and II).

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
18300	Spanish I		9	1.0
18310	Honors Spanish I		9	1.0
18340	Spanish II	Spanish I	9-10	1.0
18350	Honors Spanish II	Spanish I, preferably Honors	9-10	1.0
18390	Honors Spanish III	Spanish II, preferably Honors	10-11	1.0
18395	IBDP Spanish III (Year 1)	Spanish II, preferably Honors; TSI Clear attempted ELAR or Math & Content teacher approval	11	1.0
18410	AP Spanish IV	Honors Spanish III; TSI Clear attempted ELAR or Math & Content teacher approval	11-12	1.0
18420	IBDP Spanish IV (Year 2)	IBDP Spanish III (Year 1)TSI Clear attempted ELAR or Math & Content teacher approval	12	1.0
MD1833 MD1834	Dual Credit Spanish* (if taking in lieu of Spanish III)	Spanish I and II; TSI Clear in ELAR or Math**	12	0.5 (S1) 0.5 (S2)
VC1411 VC1412	Dual Credit Spanish* (if taking in lieu of Spanish III)	Spanish I and II; TSI Clear in ELAR or Math**	12	0.5 (S1) 0.5 (S2)
MD1843 MD1844	Dual Credit Spanish* (if taking in lieu of Spanish IV)	Spanish I, II, and III;TSI Clear in ELAR or Math**	12	0.5 (S1) 0.5 (S2)
VC1421 VC1422	Dual Credit Spanish* (if taking in lieu of Spanish IV)	Spanish I, II, and III;TSI Clear in ELAR or Math**	12	0.5 (S1) 0.5 (S2)

*Students may only earn 1 credit for dual credit Spanish. **Approval possible with TSI attempted and content teacher approval.

Students with advanced skills in Spanish reading, speaking, listening, and writing may take a locally developed Credit-by-Exam, which, if passed, will allow them to earn credit for Spanish I and proceed directly to Spanish II or Honors Spanish II. Interested students should contact the District's Coordinator of Emergent Bilingualism / LOTE at agonzales@wfisd.net prior to beginning Spanish I or notify the counselor or Spanish I teacher by the second day of enrollment in the course. Notification, testing, and grading should be completed within 10 instructional days.

Find more information on this credit-by-exam opportunity at https://www.wfisd.net/departments/curriculum-instruction/credit-by-exam

COURSE DESCRIPTIONS: LOTE

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

18300 **Spanish I** GPA Scale: Regular PEIMS#: 03440100	Spanish I is an introduction to the Spanish language and culture. Students will develop skills in listening, speaking, reading, and writing, while exploring various aspects of Hispanic culture. Students will study vocabulary and basic grammar skills. Emphasis is on conversational usage of Spanish in real-life situations.
18310 **Honors Spanish I** GPA Scale: Advanced PEIMS#: 03440100	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Spanish I teaches the same skills and general concepts as Spanish I; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
18340 **Spanish II** GPA Scale: Regular PEIMS#: 03440200	Spanish II is a continuation of Spanish I. Students will develop more in-depth skills in listening, speaking, reading, and writing through the study of vocabulary, grammar, culture, literature, and conversational discussions.

LOTE COURSE DESCRIPTIONS (continued)

18350 **Honors Spanish II** GPA Scale: Advanced PEIMS#: 03440200	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. Honors Spanish II teaches the same skills and general concepts as Spanish II; however, students are expected to apply critical thinking, analysis, and synthesis skills at a higher level.
18390 **Honors Spanish III** GPA Scale: Advanced PEIMS#: 03440300	This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. In Spanish III, students will build on the foundations set in Spanish I and II. Students are expected to engage more in open-ended activities, and should be able to apply the language in a variety of situations.The class is conducted primarily in Spanish. Students will also have the opportunity to develop a better understanding of Hispanic culture through the study of its history, geography, and literature.
18395 **IBDP Spanish III (Year 1)** GPA Scale: Advanced PEIMS#: I3440400	*IB Courses are only offered at the Legacy campus.* In Year 1 of IB Spanish, students begin to develop the ability to communicate in Spanish through the study of language, themes and texts, while developing a conceptual understanding of how language works. The main emphasis of the course is on the acquisition and use of language in a range of contexts and for different purposes while, at the same time, promoting an understanding of Hispanic culture through the study of its language. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
18410 **AP Spanish IV** GPA Scale: Advanced PEIMS#: A3440100	The AP Spanish Language and Culture Course is approximately equivalent to an upper-intermediate college or university course in Spanish language and culture. This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
18420 **IBDP Spanish IV (Year 2)** GPA Scale: Advanced PEIMS#: I3440500	*IB Courses are only offered at the Legacy campus.* Year 2 of IB Spanish is a continuation of the skills and concepts learned in Year 1. Students will advance their skills in communication and other required components of the course. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
MD1833/MD1834 **Dual Credit Spanish III or** MD1843/MD1844 **Dual Credit Spanish IV (MSU Texas)** GPA Scale: Advanced PEIMS#: 03440300 OR 03440400	**Note: These are college courses taken for high school credit.* S1: SPAN 1134. The first semester is a beginning course in the development of fundamental speaking, listening, reading, and writing skills in the Spanish language and provides an introduction to Hispanic cultures. S2: SPAN 1234. Elementary Spanish II builds upon the skills and knowledge learned in Elementary Spanish I. Both courses include a 1-hour lab practice each week.

VC1411/VC1412 **Dual Credit Spanish III** **OR** VC1421/VC1422 **Dual Credit Spanish IV** GPA Scale: Advanced PEIMS#: 03440300 OR 03440400	**Note: These are college courses taken for high school credit.* S1: SPAN 1134. The first semester is a beginning course in the development of fundamental speaking, listening, reading, and writing skills in the Spanish language and provides an introduction to Hispanic cultures. S2: SPAN 1234. Elementary Spanish II builds upon the skills and knowledge learned in Elementary Spanish I. Both courses include a 1-hour lab practice each week.

FINE ARTS COURSES

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Requirements: To graduate high school, students must complete one credit in fine arts. This credit may come from any of the following categories: visual arts, theater arts, instrumental music, choral music, or miscellaneous fine arts.

FINE ARTS: VISUAL ARTS

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
19100	Art I		9-12	1.0
191X0	Art II - IV	Art I, Courses taken in sequence	10-12	1.0
19220	AP Studio Art (Drawing)	Advanced Art class; TSI Clear attempted ELAR or Math & Content teacher approval	11-12	1.0
19230	AP Studio Art 2D	Advanced Art class; TSI Clear attempted ELAR or Math & Content teacher approval	11-12	1.0
19235	AP Studio Art 3D	Advanced Art class; TSI Clear attempted ELAR or Math & Content teacher approval	11-12	1.0
19260	IBDP Visual Arts I	Advanced Art class;TSI Clear attempted ELAR or Math & Content teacher approval	11	1.0
19270	IBDP Visual Arts II	IBDP Visual Arts I; TSI Clear attempted ELAR or Math & Content teacher approval	12	1.0

COURSE DESCRIPTIONS: VISUAL ARTS

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

19100 **Art I** GPA Scale: Regular PEIMS#: 03500100	Art I is designed to teach technical skills which allow students to communicate their impressions, feelings, and ideas visually through the exploration of a variety of two and three dimensional media, techniques and subjects. This course provides students opportunities to study art of various cultures and time periods, exercise and develop aesthetic judgment, investigate various art related careers, and describe, analyze and judge both their own art and art produced by others.
19110 **Art II** GPA Scale: Regular PEIMS#: 03500500	Using the foundational skills learned in Art I, Arts II, III, and IV provide a more in-depth study of art, including the study of art history and emphasis on drawing and painting. Advanced students may extend their work to other specialized areas.
19120 **Art III** GPA Scale: Regular PEIMS#: 03501300	
19130 **Art IV** GPA Scale: Regular PEIMS#: 03502300	

VISUAL ARTS COURSE DESCRIPTIONS (continued)

19220 **AP Studio Art 1 (Drawing)** GPA Scale: Advanced PEIMS#: A3500300	The AP Drawing course is designed to be equivalent to an introductory college course in drawing. Students will experiment with a variety of materials and processes while working to develop drawing skills. Drawing skills taught in the course include mark-making, line, surface, space, light and shade, and composition. Students are expected to submit a portfolio of their work for Advanced Placement review.
19230 **AP Studio Art 2-D** GPA Scale: Advanced PEIMS#: A3500400	The AP 2-D Art and Design course is designed to be equivalent to an introductory college course in 2-D art and design. AP 2-D Art and Design teaches skills using materials and processes such as graphic design, photography, collage, printmaking, fashion illustration, and others. Students will demonstrate the ability to practice, experiment, and revise their personal work while communicating their ideas about art and design. Students are expected to submit a portfolio of their work for Advanced Placement review.
19235 **AP Studio Art 3-D** GPA Scale: Advanced PEIMS#: A3500500	The AP 3-D Art and Design course is designed to be equivalent to an introductory college course in 3-D art and design. AP 3-D Art and Designteaches students how to create art in different disciplines such as sculpture, architectural rendering, metal work, ceramics, and others. Students will demonstrate their knowledge of art skills using three-dimensional materials. Students are expected to submit a portfolio of their work for Advanced Placement review.
19260 **IBDP Visual Arts I** GPA Scale: Advanced PEIMS#: I3600200	*IB Courses are only offered at the Legacy campus.* The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. These courses are designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
19270 **IBDP Visual Arts II** GPA Scale: Advanced PEIMS#: I3600100	

FINE ARTS: THEATRICAL ARTS

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
19400	Theatre Arts I		9-12	1.0
194X0	Theatre Arts II - IV	Theatre Arts I, Courses taken in sequence	10-12	1.0
1949X	Theatre Production I - II	Theatre Arts I, Courses taken in sequence	10-12	1.0
194X0	Technical Theatre (I-II)	Theatre Arts I, Courses taken in sequence	10-12	1.0

COURSE DESCRIPTIONS: THEATRICAL ARTS

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

19400 **Theatre Arts I** GPA Scale: Regular PEIMS#: 03250100	This course provides an introductory survey to all aspects of theatre. The student is introduced to technical theatre, principles of acting, stage movement, and the fundamentals of play production. The course also includes training of the speaking voice, the study of stage diction and an exploration of theatrical history. Much time is spent in developing an appreciation of the art of design and acting as well as an understanding of dramatic structure.
19410/19420/19430 **Theatre Arts II-IV** GPA Scale: Regular PEIMS#: 03250200	Theatre Arts II - IV extend the concepts developed in Theatre Arts I by utilizing both contemporary and classical drama into the context of the course. Various types of drama methodology are explored and utilized in the assignments in the class. This course requires that the students exercise self-discipline, assume responsibility for performance and work on an independent level. This course requires additional work outside of the school day, including after school rehearsals and evening performances.
19490/19491/1942 **Theatre Production I-III** GPA Scale: Regular PEIMS#: 03250700	Theatre Production is a concentrated study of all of the elements of production for the serious student of theatre. These courses are for students who want to extend their knowledge of multiple aspects of production. Students must audition for this class and be prepared to accept either acting, production or management responsibilities. This course requires additional work outside of the school day, including after school rehearsals and evening performances.
19440/19450/19460 **Technical Theatre I-III** GPA Scale: Regular PEIMS#: 03250500	Tech Theatre is a hands-on course combining theories of design and stagecraft techniques with construction and operation of the various technical theatre elements including scenery, properties, lighting, sound, and costumes. This course requires additional work outside of the school day, including after school rehearsals and evening performances.

FINE ARTS: INSTRUMENTAL MUSIC

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
196X0	Band I - IV	Audition, Courses taken in sequence Marching (1st sem), Concert (2nd sem) *The fall semester can count as PE credit, if needed.*	9-12	1.0
199X0	Orchestra I - IV	Audition, Courses taken in sequence	9-12	1.0
199X0	Jazz Band I - IV	Audition, Courses taken in sequence	9-12	1.0
198X0	Guitar I - IV	Must provide own guitar, Courses taken in sequence	9-12	1.0
198XX	Piano I - IV	Courses taken in sequence	9-12	1.0

COURSE DESCRIPTIONS: INSTRUMENTAL MUSIC

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

19660 or 19610 (S1) **Band I** GPA Scale: Regular PEIMS#: 03150100 or PES00012 (S1)	Students will study instrumental techniques, music theory, sight-reading, music history, performance techniques, and leadership. The fall semester begins with marching band. Students are expected to perform at and attend all designated football games, pep rallies, parades, and marching contests and festivals. After the marching season ends, students will be placed in a specific performance band by audition according to their playing ability, personal maturity, commitment to participation, grade classification, and class instrumentation needs. Attendance will be required outside of class for rehearsals, trips, performances, and other engagements. Students needing PE credit toward graduation may use the fall semester of Band I and Band II to fulfill the credit requirement.
19670 or 19610 (S1) **Band II** GPA Scale: Regular PEIMS#: 03150200 or PES00012 (S1)	
19680 **Band III** GPA Scale: Regular PEIMS#: 03150300	
19690 **Band IV** GPA Scale: Regular PEIMS#: 03150400	
19900 **Orchestra I** GPA Scale: Regular PEIMS#: 03150500	This course provides students with a laboratory experience in orchestral music. The student performs literature for the orchestra of varying forms and styles establishing a basis for understanding and appreciation of music. Attendance will be required outside of class for rehearsals, performances, trips, and other engagements.
19910 **Orchestra II** GPA Scale: Regular PEIMS#: 03150600	
19920 **Orchestra III** GPA Scale: Regular PEIMS#: 03150700	
19930 **Orchestra IV** GPA Scale: Regular PEIMS#: 03150800	
19940 **Jazz I** GPA Scale: Regular PEIMS#: 03151100	The Jazz Band performs literature based on a variety of modern styles such as blues, rock, Latin, and funk. The study of improvisation will be incorporated into the curriculum of this course. Students will perform in a variety of formal and informal settings and may participate in festivals and competitions. Attendance will be required outside of class for rehearsals, trips, and other engagements.
19950 **Jazz II** GPA Scale: Regular PEIMS#: 03151200	

19960 **Jazz III** GPA Scale: Regular PEIMS#: 03151300	The Jazz Band performs literature based on a variety of modern styles such as blues, rock, Latin, and funk. The study of improvisation will be incorporated into the curriculum of this course. Students will perform in a variety of formal and informal settings and may participate in festivals and competitions. Attendance will be required outside of class for rehearsals, trips, and other engagements.
19970 **Jazz IV** GPA Scale: Regular PEIMS#: 03151400	
19830 **Guitar I** GPA Scale: Regular PEIMS#: 03154600	*Students taking Guitar I-IV may need to provide their own guitar.* In guitar, students will learn basic guitar skills all the way up to advanced ensemble skills. Correct posture and hand placement is emphasized. Basic music theory is studied.
19840 **Guitar II** GPA Scale: Regular PEIMS#: 03154700	
19850 **Guitar III** GPA Scale: Regular PEIMS#: 03154800	
19860 **Guitar IV** GPA Scale: Regular PEIMS#: 03154900	
19870 **Piano I** GPA Scale: Regular PEIMS#: 03154200	This course is for students who are interested in learning to play the piano or interested in improving their already existing keyboarding skills. Emphasis will be placed on scales, music notation, chord structure, rhythm/meter, and musical performance. As students progress, they will be exposed to more advanced playing techniques and sight-reading skills. There will be more opportunities for performance. Students are encouraged to participate in UIL Solo & Ensemble contests.
19880 **Piano II** GPA Scale: Regular PEIMS#: 03154300	
19883 **Piano III** GPA Scale: Regular PEIMS#: 03154400	
19884 **Piano IV** GPA Scale: Regular PEIMS#: 03154500	

FINE ARTS: CHORAL MUSIC

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
1977X	Treble Choir I - IV	Courses taken in sequence	9-12	1.0
1978X	Tenor-Bass Choir I - IV	Courses taken in sequence	9-12	1.0
1976X	A Cappella Choir I - IV	Audition, Courses taken in sequence	9-12	1.0

COURSE DESCRIPTIONS: CHORAL MUSIC

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

19771 **Treble Choir I** GPA Scale: Regular PEIMS#: 03150900	Treble Choir is a course designed for students in the soprano and alto voice range. This course provides novice and developing students the study of vocal and choral techniques, music theory, sight- reading, music history and literature, performance activities, and creative expression.
19772 **Treble Choir II** GPA Scale: Regular PEIMS#: 03151000	
19773 **Treble Choir III** GPA Scale: Regular PEIMS#: 03151100	
19774 **Treble Choir IV** GPA Scale: Regular PEIMS#: 03151200	
19781 **Tenor-Bass Choir I** GPA Scale: Regular PEIMS#: 03150900	Tenor-Bass Choir is a course designed for students in the tenor-bass voice range. This course provides novice and developing students the study of vocal and choral techniques, music theory, sight- reading, music history and literature, performance activities, and creative expression.
19782 **Tenor-Bass Choir II** GPA Scale: Regular PEIMS#: 03151000	
19783 **Tenor-Bass Choir III** GPA Scale: Regular PEIMS#: 03151100	
19784 **Tenor-Bass Choir IV** GPA Scale: Regular PEIMS#: 03151200	

CHORAL MUSIC COURSE DESCRIPTIONS (continued)

19761 **A Cappella Choir I** GPA Scale: Regular PEIMS#: 03150900	A Cappella Choir (ACAP) is an audition entry course for students with highly developed vocal proficiency. This ensemble performs the most advanced vocal literature. Students must exhibit advanced music-reading skills. While in ACAP, students will develop their music performance skills, music literacy, critical evaluation, and creative expression. Attendance will be required outside of class for rehearsals, trips, performances, and other engagements. Students interested in auditioning should contact the school's Choir Director.
19762 **A Cappella Choir II** GPA Scale: Regular PEIMS#: 03151000	
19763 **A Cappella Choir III** GPA Scale: Regular PEIMS#: 03151100	
19764 **A Cappella Choir IV** GPA Scale: Regular PEIMS#: 03151200	

FINE ARTS: DANCE

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
173XX	Dance I - IV	Courses taken in sequence	9-12	1.0

COURSE DESCRIPTIONS: DANCE

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

17300 **Dance I** GPA Scale: Regular PEIMS#: 03830100	Dance I - IV is designed to provide the students with extensive work on technique, placement, and a series of steps from all genres of dance, including Jazz, Modern, Ballet, Tap and Folk. Throughout the dance course sequencing, students will have the opportunity to develop a more physical and scientific perception of the body, creative expression through performance, historical and cultural heritage, and critical evaluation. The student will learn more advanced terminology, techniques, and the choreographic process which will enable them to pursue dance as a career or as a life-long pursuit. Students will continue developing their appreciation of dance as an art form. The dance program offers students the additional opportunity of participating in performance groups, such as Drill Team. Due to the need to order uniforms and supplies, students interested in this additional opportunity need to audition. Auditions for the next school year generally take place prior to Spring Break. Contact the Dance teacher for more information.
17310 **Dance II** GPA Scale: Regular PEIMS#: 03830200	
17315 **Dance III** GPA Scale: Regular PEIMS#: 03830300	
17316 **Dance IV** GPA Scale: Regular PEIMS#: 03830400	

FINE ARTS: MISCELLANEOUS

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
19500	IBDP Film I	TSI Clear attempted in ELAR or Math & content teacher approval	11	1.0
19510	IBDP Film II	TSI Clear attempted in ELAR or Math & content teacher approval	12	1.0
19240	AP Art History	TSI Clear attempted in ELAR or Math & content teacher approval	11-12	1.0
19890	AP Music Theory	TSI Clear attempted in ELAR or Math & content teacher approval	11-12	1.0
VC1981	Dual Credit Music Appreciation (Vernon College)	TSI Clear in ELAR or Math	12	0.5
MD1981	Dual Credit Music Appreciation (MSU Texas)	TSI Clear in ELAR or Math	12	0.5
VC1921	Dual Credit Art Appreciation (Vernon College)	TSI Clear in ELAR or Math	12	0.5
MD1921	Dual Credit Art Appreciation (MSU Texas)	TSI Clear in ELAR or Math	12	0.5

COURSE DESCRIPTIONS: MISCELLANEOUS FINE ARTS

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

19570 **IBDP Music I** GPA Scale: Advanced PEIMS#: I3250200	*IB Courses are only offered at the Legacy campus.* The IBDP Music course is grounded in the knowledge, skills and processes associated with the study of music and offers a strengthened approach to student creativity through practical, informed and purposeful explorations of diverse musical forms, practices and contexts (personal, local and global). The course ensures a holistic approach to learning, with the roles of performer, creator and researcher afforded equal importance in all course components. Students will create an exploration portfolio, an experimentation report and a musical presentation. HL students will also submit a collaborative project. This course is designed to prepare students for the International Baccalaureate certification components, which may result in college credit.
19580 **IBDP Music II** GPA Scale: Advanced PEIMS#: I3250300	
19240 **AP Art History** GPA Scale: Advanced PEIMS#: A3500100	AP Art History is considered to be the equivalent of a two-semester introductory college or university art history survey course.The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.

MISCELLANEOUS FINE ARTS COURSE DESCRIPTIONS (continued)

19890 **AP Music Theory** GPA Scale: Advanced PEIMS#: A3150200	The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight-singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized. This course is designed to prepare students for the Advanced Placement test, which may result in college credit.
VC1981 **Dual Credit Music App (Vernon College)** GPA Scale: Advanced PEIMS#: 03155600	**Note: These are college courses taken for high school credit.* MUSI 1306 is a course designed to develop an understanding of music through the study of cultural periods, major composers, and musical elements. Illustrated with audio recordings and live performances.
MD1981 **Dual Credit Music App (MSU Texas)** GPA Scale: Advanced PEIMS#: 03155600	**Note: These are college courses taken for high school credit.* MUSC 1033 is a course designed to increase the variety and depth of the student's exposure to music and to enhance understanding and enjoyment of music as an art. Offered as traditional music appreciation or jazz/rock music appreciation.
VC1921 **Dual Credit Art App (Vernon College)** GPA Scale: Advanced PEIMS#: 03500110	**Note: These are college courses taken for high school credit.* ARTS 1301 is an exploration of purposes and processes in the visual arts including evaluation of selected works.
MD1921 **Dual Credit Art App (MSU Texas)** GPA Scale: Advanced PEIMS#: 03500110	**Note: These are college courses taken for high school credit.* ART 1314 includes lectures, slides, and discussions of visual elements and their application to the arts.

CAREER & TECHNOLOGY EDUCATION (CTE)

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The majority of CTE courses are taken in a specific sequence as part of a Program of Study under the student's chosen Endorsement. Since most of the upper level CTE courses are taken at the Career Education Center (CEC), travel time is required, which means that a 1 credit class might take up 2 slots in the student's 8-period day, a 2 credit class might take up 3 slots, and so on. See page 60 for more information about course sequencing and programs of study.

**Course may be taken outside of the endorsement pathway if the student meets all listed prerequisites.*

Local Course ID	Course	Location	Fee	Prerequisite/ Information	Career Cluster	Endorse-ment	Ideal Grade Level	Credits	Slots
20103	Touch System Data Entry*	Home Campus			BM&I	B&I	10-12	0.5	1
20893	Nutrition and Wellness*	Home Campus			HS	PS	10-12	0.5	1
13780	Prof Communications*	Home Campus			ANY	ANY	10-12	0.5	1
20733	Wildlife Management*	Home Campus			AG	B&I	10-12	1.0	1
20734	Wildlife Management*	CEC			AG	B&I	10-12	1.0	2
20380	Floral Design*	CEC	$15	Can also be a fine arts credit	AG	B&I	10-12	1.0	2
20781	Horticulture*	CEC	$15		AG	B&I	10-12	1.0	2
20575	Work Program* Practicum in Entrepreneurship				ANY	ANY	12	3.0	1-3
20700	Princ of Ag Science	Home Campus			AG	B&I	9	1.0	1
20784	Greenhouse Operations	CEC			AG	B&I	11	1.0	2
20795	Project based research (Ag)			Dual credit option HD207A	AG	B&I	12	3.0	3
20770	Ag Mechanics	CEC	$10		AG	B&I	10	1.0	2
20780B	Ag Structures	CEC	$10		AG	B&I	11	1.0	2
20786	Ag Equipment	CEC			AG	B&I	12	1.0	2
20750	Small Animal Mgmt (pair with 20773)	CEC			AG	B&I	10	1.0	2
20773	Equine Science (pair with 20750)	CEC			AG	B&I	10		
20730B	Vet Med Applications	CEC	$20		AG	B&I	11	1.0	2
21600	Princ of Industrial Trades	Home Campus			A&C	B&I	9	1.0	1
21311	Princ of Construction	CEC	$10		A&C	B&I	10	1.0	2
21314	Construction Technology	CEC	$30		A&C	B&I	11	2.0	3
21362	Practicum in Construction	CEC	$30		A&C	B&I	12	2.0	4
21312	Plumbing I	CEC	$10		A&C	B&I	10	1.0	2
21315	Plumbing II	CEC			A&C	B&I	11	2.0	3
21316	Practicum in Plumbing	CEC			A&C	B&I	12	2.0	3

CTE COURSES (continued)

Local Course ID	Course	Location	Fee	Prerequisite/ Information	Career Cluster	Endorse-ment	Ideal Grade Level	Credits	Slots
21530	Electrical Technology I	CEC	$10		A&C	B&I	10	1.0	2
21540	Electrical Technology II	CEC	$10		A&C	B&I	11	2.0	3
21550B	Pract in Electrical Construct	CEC			A&C	B&I	12	2.0	3
20270	Principles of Architecture	Home Campus			A&C	B&I	9	1.0	1
21300	Architecture Design I	CEC			A&C	B&I	10	1.0	2
21350	Interior Architecture Design	CEC	$20		A&C	B&I	11	1.0	2
	Architecture Project Based Capstone*	CEC	$20	*see descrip for prerequisite	A&C	B&I	12	1.0	2
20310	Princ Art/AV/CT	Home Campus			AAVCT	B&I	9	1.0	1
20320	Digital Media	Home Campus			AAVCT	B&I	10	1.0	1
20341	AV Production I*	CEC	$15	*see descrip for prerequisite Dual:HD203A	AAVCT	B&I	11	1.0	2
20346	AV Production II	CEC		Dual credit option HD203B/HD203C	AAVCT	B&I	12	2.0	2
20205	Graphic Design I*	CEC	$15	*see descrip for prerequisite	AAVCT	B&I	11	1.0	2
20215	Graphic Design II	CEC			AAVCT	B&I	12	2.0	3
20140	Princ Bus, Mktg & Finance	Home Campus			BM&A	B&I	9	1.0	1
20503	Advertising (pair with 20504) S1	CEC			BM&A	B&I	10	1.0	2
20504	Social Media (pair with 20503) S2	CEC			BM&A	B&I	10		
20520	Marketing Entrepreneurship	CEC	$50		BM&A	B&I	11	1.0	2
20520	Senior Entrepreneurship	CEC			BM&A	B&I	12	1.0	1
20561	Prac in Marketing	CEC	$10		BM&A	B&I	12	2.0	3
20180	Princ Information Tech	Home Campus			IT	B&I	9	1.0	1
20276	Computer Maintenance	CEC	$15		IT	B&I	10	1.0	2
20291	Networking	CEC	$15		IT	B&I	11	1.0	2
20186	Prac Info Tech	CEC			IT	B&I	12	2.0	3
20296	Computer Maint PBR	CEC			IT	B&I	12	1.0	2
21705	Intro to Welding	CEC	$20		MAN	B&I	10	1.0	2
	Welding 1	CEC	$45		MAN	B&I	11	2.0	3
	Welding 2	CEC	$45		MAN	B&I	12	2.0	3

21211	Auto Basics	CEC			TRAN	B&I	10	1.0	2
21210	Auto Technology I	CEC	$80		TRAN	B&I	11	2.0	3

CTE COURSES (continued)

Local Course ID	Course	Location	Fee	Prerequisite/ Information	Career Cluster	Endorse-ment	Ideal Grade Level	Credits	Slots
21221	Auto Technology II	CEC	$80		TRAN	B&I	12	2.0	3
21115	Basic Collision	CEC			TRAN	B&I	10	1.0	2
	Collision Repair I	CEC	$40		TRAN	B&I	11	2.0	3
	Collision Repair II	CEC	$40		TRAN	B&I	12	2.0	3
21965	Intro to Culinary	CEC	$10		H&T	B&I	10	1.0	2
	Culinary Arts	CEC	$40		H&T	B&I	11	2.0	3
	Advanced Culinary	CEC			H&T	B&I	12	2.0	3
21910	Princ of Health Science	Home Campus			HS	PS	9	1.0	1
21903	Medical Terminology	Home Campus			HS	PS	10	1.0	1
21900	Cert Nursing Assist (CNA)	CEC	$60		HS	PS	11	2.0	3
	Prac in Nursing	CEC	$80	*see descrip for prerequisite	HS	PS	12	2.0	3
15651	Medical Microbiology	CEC		Can also be a science credit	HS	PS	11	1.0	2
15161	Anatomy & Physiology	CEC		Can also be a science credit	HS	PS	11	1.0	2
21904	Pharmacology*	CEC	$60	*see descrip for prerequisite	HS	PS	12	1.0	2
21907	Prac in HS (OT/PT)*	CEC	$60	*see descrip for prerequisite	HS	PS	12	2.0	3
21945	Med Lab Practicum*	CEC	$60	*see descrip for prerequisite	HS	PS	12	2.0	3
20850	Princ of Public Service	Home Campus			PS	PS	9	1.0	1
21400	Intro to Cosmetology	CEC	$25		PS	PS	10	1.0	2
21410	Cosmetology 1	CEC	$200	Zero-hr course	PS	PS	11	3.0	4
21420	Cosmetology 2	CEC	$160		PS	PS	12	3.0	4
21630	Princ Law & Public Safety	CEC			PS	PS	10	1.0	2
21640	Law Enforcement 1 (pair with 15910)	CEC			PS	PS	11	2.0	3
15910	Forensic Science CEC (pair with 21640)	CEC		Can also be a science credit	PS	PS	11		
21650	Law Enforcement 2	CEC	$50		PS	PS	12	1.0	2

21960	Human Growth & Development	Home Campus			PS	PS	10	1.0	1
20940	Instructional Practices in Ed	CEC		Dual credit option HD2094	PS	PS	11	2.0	3

CTE COURSES (continued)

Local Course ID	Course	Location	Fee	Prerequisite/ Information	Career Cluster	Endorse-ment	Ideal Grade Level	Credits	Slots
20875	Education/Training Prac	CEC	$75	Dual credit option HD208A/HD208B	PS	PS	12	2.0	3
21950	Counseling & Mental Health	CEC			PS	PS	11	1.0	2
20571	Mental Health Practicum	CEC			PS	PS	12	2.0	3
20260	Princ of Engineering	Home Campus			ENG	STEM	9	1.0	1
20264	Manufacturing Eng Tech	CEC			ENG	STEM	10	1.0	2
21500	Eng Design & Presentation	CEC			ENG	STEM	11	1.0	2
20263	Eng Dsgn & Problem Slvg*	CEC		*see descrip for prerequisite	ENG	STEM	12	1.0	2
20251	Fund. of Computer Science	Home Campus			PSD	STEM	9	1.0	2
20010	Computer Science 1*	CEC	$20	*see descrip for prerequisite	PSD	STEM	10	1.0	2
20020	Computer Science 2	CEC	$50		PSD	STEM	11	1.0	2
20258	Game Programming & Dsgn	CEC			PSD	STEM	11	1.0	2
20306	Prog & Software PBR	CEC			PSD	STEM	12	1.0	2
17901	Ath Trng 1 (Kinesiology 1)	Home Campus			HS	PS	9	1.0	1
17902	Ath Trng 2 (Kinesiology 2)	Home Campus			HS	PS	10	1.0	1
17903	Ath Trng 3 (Career Prep 1)	Home Campus			HS	PS	11	2.0	2
17904	Ath Trng 4 (Career Prep 2)	Home Campus			HS	PS	12	2.0	2
	Athletic Training	Home Campus			HS	PS	12	1.0	1
13880	PIT1 (Journalism)	Home Campus			AAVCT	B&I	9	1.0	1
13881	PIT2 (YBK1/NP1)	Home Campus		PIT1 (Jrnlsm)	AAVCT	B&I	10	1.0	1
13882	Prac PIT1 (YBK2/NP2)	Home Campus		PIT2	AAVCT	B&I	11	2.0	2
13883	Prac PIT2 (YBK3/NP3)	Home Campus		Prac PIT1	AAVCT	B&I	12	2.0	2

COURSE DESCRIPTIONS: CTE

13780 **Professional Communications*** GPA Scale: Regular PEIMS#: 13009900	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. **Home campus, 10th grade & up, no credit prerequisites*
20733/20734 @CEC **Wildlife Management*** GPA Scale: Regular PEIMS#: 13001500	Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. **Home campus, 10th grade & up, no credit prerequisites*
20380 **Floral Design*** GPA Scale: Regular PEIMS#: 13001800	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. **Home campus, 10th grade & up, no credit prerequisites*
20781 **Horticulture*** GPA Scale: Regular PEIMS#: 13002000	Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. **Home campus, 10th grade & up, no credit prerequisites*
Work Program* GPA Scale: Regular PEIMS#: 12701305	The Work Program 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. Classroom instruction and assignments are in a face-to-face classroom, and students will have 2 periods alloted in their schedule for off-campus lab (work). **Students must have valid employment on the first day of class and maintain employment throughout the school year working at least 10 hours per week and completing assignments.** **Home campus, 12th grade, no credit prerequisites*
20700 **Principles of Ag Science** GPA Scale: Regular PEIMS#: 13000200	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.

20784 **Greenhouse Operations** GPA Scale: Regular PEIMS#: 13002050	Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices.
20103 **Touch System Data Entry*** GPA Scale: Regular PEIMS#: 13011300	In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents. **Home campus, 10th grade & up, no credit prerequisites*
20893 **Nutrition & Wellness*** GPA Scale: Regular PEIMS#: 13024500	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. **Home campus, 10th grade & up, no credit prerequisites*
20795 **Practicum in Agriculture** Dual Credit: HD207A (S1) GPA Scale: Regular PEIMS#: 13002500	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, mentorships, or laboratories. *Qualified students have an opportunity to earn both high school and college credit for the 1st semester of this course. Students must be TSI Clear in ELAR or math. See the dual credit page or the Dual Credit Guidebook for more information. This course is taught in a hybrid format, primarily online.*
20770 **Ag Mechanics** GPA Scale: Regular PEIMS#: 13002200	Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metalworking techniques.
20780B **Ag Structures** GPA Scale: Regular PEIMS#: 13002300	In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations.
20786 **Ag Equipment** GPA Scale: Regular PEIMS#: 13002350	In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment..
20750 **Small Animal Management** GPA Scale: Regular PEIMS#: 13000400	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.

20773 **Equine Science** GPA Scale: Regular PEIMS#: 13000500	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.
20730B **Vet Med Applications** GPA Scale: Regular PEIMS#: 13000600	Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.
21600 **Princ of Industrial Trade** GPA Scale: Regular PEIMS#: 13032200	In Principles of Industrial Trade, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities.
21311 **Princ of Construction** GPA Scale: Regular PEIMS#: 13004220	Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools.
21310 **Construction Technology** GPA Scale: Regular PEIMS#: 13005100	In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.
21360 **Practicum in Construction** GPA Scale: Regular PEIMS#: 13005255	In Practicum in Construction, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.
21312 **Plumbing I** GPA Scale: Regular PEIMS#: 13006000	In Plumbing Technology I, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor or prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in industry workplace basics and employer/customer expectations, including how to use a plumbing code book; how to identify and use power and hand tools; how to be safe on the jobsite and when using hand and power tools; how to apply basic plumbing mathematics and plumbing drawing; and how to identify, fit, and use plastic, copper, cast iron, carbon steel, and corrugated stainless steel pipe. In addition, students will be introduced to gas, drainage, and water supply systems and continue their knowledge of workplace basics and green technologies.
21315 **Plumbing II** GPA Scale: Regular PEIMS#: 13006100	In Plumbing Technology II, students will gain the advanced knowledge and skills needed to enter the industry as a plumber, building maintenance technician, or supervisor or prepare for a postsecondary degree in mechanical engineering. Students will acquire knowledge and skills in plumbing codes, industry workplace basics, and employer/customer expectations, including tool and jobsite safety, advanced plumbing mathematics, commercial drawings, basic electricity, hanger installation, supports and structural penetrations, roof drains, fixture installation, valves and faucets, and oxy-fuel safety. Students will also learn about setup, cutting, brazing and welding water system sizing; gas, drain, waste and vent installation and testing; and water heater installation.

21316 **Practicum in Plumbing** GPA Scale: Regular PEIMS#: 13005250	In Practicum in Plumbing Construction, students will be challenged with the application of knowledge and skills gained in previous plumbing-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.
21530 **Electrical Tech I** GPA Scale: Regular PEIMS#: 13005600	In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.
21540 **Electrical Tech II** GPA Scale: Regular PEIMS#: 13005700	In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

21550B **Practicum in Electrical** GPA Scale: Regular PEIMS#: 13005250	In Practicum in Electrical Construction, students will be challenged with the application of knowledge and skills gained in previous electrical-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.
20270 **Principles of Architecture** GPA Scale: Regular PEIMS#: 13004210	Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction management. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to set and achieve realistic career and educational goals. Job-specific training can be provided through training modules that identify career goals in trade and industry areas. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings.
21300 **Architecture Design I** GPA Scale: Regular PEIMS#: 13004600	In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.
21350 **Interior Architecture Dsgn** GPA Scale: Regular PEIMS#: 13004300	Interior Architecture Design is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and compete in industry.
21355 **Civil Engineering & Arch*** GPA Scale: Regular PEIMS#: N1303747	In Civil Engineering and Architecture (CEA) students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Throughout the course, students progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Students develop skill in engineering calculations, technical representation, documentation of design solutions according to accepted technical standards, and use of current 3D architectural design and modeling software to represent and communicate solutions. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Algebra II; and 4) has credit for 2 or more advanced courses*
20310 **Princ Arts, Audio/Video & Communications** GPA Scale: Regular PEIMS#: 13008200	In Principles of Arts, Audio/Video Technology, and Communications (AAVCT), 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.

20320 **Digital Media** GPA Scale: Regular PEIMS#: 13027800	In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society.
20341 **AV Production I*** Dual Credit: HD203A (S2) GPA Scale: Regular PEIMS#: 13008500	The Audio/Video Production Course focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services. 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. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Art III or Journalism/PIT; and 4) has credit for 2 or more advanced courses* *Qualified students have an opportunity to earn both high school and college credit for the 2nd semester of this course. Students must have a 3.0 gpa and be TSI Clear in ELAR. See the dual credit page or the Dual Credit Guidebook for more information.*
20345 **AV Production II** Dual Credit: HD203B & HD203C GPA Scale: Regular PEIMS#: 13008610	Building upon the concepts taught in Audio/Video Production, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. *Qualified students have an opportunity to earn both high school and college credit for both semesters of this course. Students must have a 3.0 gpa and be TSI Clear in ELAR. See the dual credit page or the Dual Credit Guidebook for more information.*
20205 **Graphic Design I*** GPA Scale: Regular PEIMS#: 13008800	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Art III or Journalism/PIT; and 4) has credit for 2 or more advanced courses*
20215 **Graphic Design II** GPA Scale: Regular PEIMS#: 13008910	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.
20410 **Princ Business, Marketing & Finance** GPA Scale: Regular PEIMS#: 13011200	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.

20503 **Advertising** GPA Scale: Regular PEIMS#: 13034200	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.
20504 **Social Media** GPA Scale: Regular PEIMS#: 13034650	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.
20520 **Entrepreneurship** GPA Scale: Regular PEIMS#: 13034400	In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.
20561 **Practicum in Marketing** GPA Scale: Regular PEIMS#: 13034800	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 course may offer opportunities for a paid or unpaid work experience.
20180 **Princ of Information Tech** GPA Scale: Regular PEIMS#: 13027200	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.
20276 **Computer Maintenance** GPA Scale: Regular PEIMS#: 13027300	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.
20291 **Networking** GPA Scale: Regular PEIMS#: 13027400	In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

21705 **Introduction to Welding** GPA Scale: Regular PEIMS#: 13032250	Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development.
21710 **Welding I** GPA Scale: Regular PEIMS#: 13032300	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.
21721 **Welding II** GPA Scale: Regular PEIMS#: 13032400	Welding II builds on the knowledge and skills developed in Welding I and provides an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills.
21211 **Automotive Basics** GPA Scale: Regular PEIMS#: 13039550	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. The focus of this course is to teach safety, tool identification, proper tool use, and employability.
21210 **Automotive Technology I** GPA Scale: Regular PEIMS#: 13039600	Automotive Technology I 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, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems.
21221 **Automotive Technology II** GPA Scale: Regular PEIMS#: 13039700	Automotive Technology II includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II includes applicable safety and environmental rules and regulations. In this course, students will extend and put into practice their knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems.
21115 **Basic Collision** GPA Scale: Regular PEIMS#: 13039750	Basic Collision Repair and Refinishing includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.
21110 **Collision Repair I** GPA Scale: Regular PEIMS#: 13039800	Collision Repair I includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing. Collision Repair I is rooted in hands-on practice and learning opportunities.

21123 **Collision Repair II** GPA Scale: Regular PEIMS#: 13039900	Collision Repair II is a continuation of the Collision Repair I course. This course is designed to teach the concepts and theory of systems related to automotive paint and refinishing through hands-on practice in a laboratory (auto shop) setting..
21965 **Introduction to Culinary** GPA Scale: Regular PEIMS#: 13022550	Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant, food production skills, various levels of industry management, and hospitality skills.
21970 **Culinary Arts** GPA Scale: Regular PEIMS#: 13022600	Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course (hands-on kitchen activities).
21972 **Advanced Culinary Arts** GPA Scale: Regular PEIMS#: 13022650	Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.
21910 **Principles Health Science** GPA Scale: Regular PEIMS#: 13020200	The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.
21903 **Medical Terminology** GPA Scale: Regular PEIMS#: 13020300	The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
21900 **Certified Nursing Assist** GPA Scale: Regular PEIMS#: 13020500	The CNA or 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. Specifically, students will prepare for the certification requirements in order to obtain a CNA certification.
21905 **Prac in HS (Med Assist)*** GPA Scale: Regular PEIMS#: 13020510	The Medical Assistant course provides students with the knowledge and skills to pursue a career as a medical assistant and to improve college and career readiness. Students will obtain communication skills, clinical ethics knowledge, safety awareness, and information related to medical assisting career opportunities. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Anatomy & Physiology; and 4) has credit for 2 or more advanced courses*
15651 **Medical Microbiology** GPA Scale: Regular PEIMS#: 13020700	The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

15161 **Anatomy & Physiology** GPA Scale: Regular PEIMS#: 13020600	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.
21904 **Pharmacology*** GPA Scale: Regular PEIMS#: 13020950	The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from healthcare workers. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Anatomy & Physiology; and 4) has credit for 2 or more advanced courses*
21907 **Practicum in HS (OT/PT)*** GPA Scale: Regular PEIMS#: 13020510	The Occupational/Physical Therapy or 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. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Anatomy & Physiology; and 4) has credit for 2 or more advanced courses*
21945 **Medical Laboratory Prac*** GPA Scale: Regular PEIMS#: 13020510	The Medical Laboratory Practicum or 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. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Anatomy & Physiology and Medical Microbiology; and 4) has credit for 2 or more advanced courses*
20850 **Principles Public Service** GPA Scale: Regular PEIMS#: 13024200	Principles of Public (Human) Services is a 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.
21400 **Intro to Cosmetology** GPA Scale: Regular PEIMS#: 13025100	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.
21410 **Cosmetology I** GPA Scale: Regular PEIMS#: 13025210	In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

21420 **Cosmetology II** GPA Scale: Regular PEIMS#: 13025310	In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills.
21630 **Princ Law & Public Safety** GPA Scale: Regular PEIMS#: 13029200	Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.
21640 **Law Enforcement 1** GPA Scale: Regular PEIMS#: 13029300	Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime. Law Enforcement 1 is paired with Forensic Science in the student's 3rd year of the Law Enforcement program of study.
15910 **Forensic Science** GPA Scale: Regular PEIMS#: 13029500	Forensic Science is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history and the legal aspects of forensic science. Forensic Science is paired with Law Enforcement 1 in the student's 3rd year of the Law Enforcement program of study.
21650 **Law Enforcement 2** GPA Scale: Regular PEIMS#: 13029400	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.
21960 **Human Growth & Development** GPA Scale: Regular PEIMS#: 13014300	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.
20940 **Inst Practices in Education** Dual Credit: HD2094 (S2) GPA Scale: Regular PEIMS#: 13014400	Instructional Practices is a field-based (practicum) course that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and perform other duties of teachers, trainers, paraprofessionals, or other educational personnel. *Qualified students have an opportunity to earn both high school and college credit for the 2nd semester of this course. Students must have a 3.0 gpa and be TSI Clear in ELAR. See the dual credit page or the Dual Credit Guidebook for more information.*

20875 **Education & Training Prac** Dual Credit: HD208A & HD208B GPA Scale: Regular PEIMS#: 13014500	The Education and Training Practicum course is an extension of the Instructional Practices course and allows students to further explore their skills and interest in education. *Qualified students have an opportunity to earn both high school and college credit for both semesters of this course. Students must have a 3.0 gpa and be TSI Clear in ELAR. See the dual credit page or the Dual Credit Guidebook for more information.*
21950 **Counseling & Mental Hlth** GPA Scale: Regular PEIMS#: 13024600	In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.
20571 **Mental Health Practicum** GPA Scale: Regular PEIMS#: 13025000	Mental Health (Human Services) Practicum 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.
20260 **Principles of Engineering** GPA Scale: Regular PEIMS#: 13036200	Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.
20264 **Manufacturing Engin Tech** GPA Scale: Regular PEIMS#: 13032900	In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing and engineering.
21500 **Eng Design/Presentation** GPA Scale: Regular PEIMS#: 13036500	Students enrolled in Engineering Design and Presentation I will demonstrate knowledge and skills of the design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Through implementation of the design process, students will transfer advanced academic skills to component designs.
20263 **Eng Design/Problem Slvg*** GPA Scale: Regular PEIMS#: 13037300	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. Requires physics as a prerequisite or corequisite. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Algebra II & Physics; and 4) has credit for 2 or more advanced courses*

20251 **Fund of Computer Science** GPA Scale: Regular PEIMS#: 13580140	Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn computational thinking, problem-solving, and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.
20010 **Computer Science 1*** GPA Scale: Regular PEIMS#: 13580200	Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. **Seniors may enroll in this course without participation in the Program of Study if the student: 1) is interested in a related career after high school; 2) has at least a 3.5 gpa; 3) has credit for Algebra II; and 4) has credit for 2 or more advanced courses*
20020 **Computer Science 2** GPA Scale: Regular PEIMS#: 13580300	Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course.
20258 **Game Programming/Dsgn** GPA Scale: Regular PEIMS#: 13580380	Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games.
17901 **Ath Trng 1 (Kinesiology I)** GPA Scale: Regular PEIMS#: N1302104	This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance.
17902 **Ath Trng 2 (Kinesiology II)** GPA Scale: Regular PEIMS#: N1302124	The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs.

17903 **Ath Trng 3 (Career Prep I)** GPA Scale: Regular PEIMS#: 12701300	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.
17904 **Ath Trng 4 (Career Prep II)** GPA Scale: Regular PEIMS#: 12701400	Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences.
13880 **PIT 1 (Journalism)** GPA Scale: Regular PEIMS#: 13009600	Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. 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 printing industry with a focus on digital prepress and digital publishing.
13881 **PIT 2 (YBK1/NP1)** GPA Scale: Regular PEIMS#: 13009700	Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. In addition to developing the advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the printing industry with a focus on digital prepress and desktop digital publishing, primarily related to yearbook and newspaper production.
13882 **Prac PIT 1 (YBK2/NP2)** GPA Scale: Regular PEIMS#: 13009800	Students will be expected to develop an advanced technical understanding of the printing industry with a focus on yearbook and/or newspaper productions through both print and digital media. Students will be expected to develop an advanced technical understanding of the printing industry with a focus on finishing and bindery operations and customer-based projects. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students should be able to work somewhat independently.
13883 **Prac PIT 2 (YBK3/NP3)** GPA Scale: Regular PEIMS#: 13009810	Students will be expected to develop an advanced technical understanding of the printing industry with a focus on yearbook and/or newspaper productions through both print and digital media. Students will be expected to take on leadership roles and must be able to work independently at this level.

CTE ENDORSEMENT & TRACK OPTIONS

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These courses, when taken in the coherent sequences described, satisfy requirements for the indicated endorsements.

CTE BUSINESS & INDUSTRY OPTIONS

ENDORSEMENT: BUSINESS & INDUSTRY — TRACK: Agriculture

Horticulture

Gr	Course	Credits/Pds	Fee
9	Principles of Ag Science	1 / 1	
10	Floral Design *OR* Horticulture	1 / 2	$15
11	Greenhouse Operations	1 / 2	
12	Practicum in Ag*	3 / 3	

Animal Science

Gr	Course	Credits/Pds	Fee
9	Principles of Ag Science	1 / 1	
10	Small Animal Management/ Equine Science	1 / 2	
11	Vet Med Applications	1 / 2	$20
12	Practicum in Ag*	3 / 3	

Ag Mechanics

Gr	Course	Credits/Pds	Fee
9	Principles of Ag Science	1 / 1	
10	Ag Mechanics	1 / 2	$10
11	Ag Structures	1 / 2	$10
12	Ag Equipment	1 / 2	

*Through Vernon College, students who meet admission and TSI requirements can also take related courses for college credit, while participating in this program. For more information, see the "Dual Credit" page or the Practicum in Ag course descriptions.

ENDORSEMENT: BUSINESS & INDUSTRY — TRACK: Architecture & Construction

Construction

Gr	Course	Credits/Pds	Fee
9	Principles of Manufacturing	1 / 1	
10	Principles in Construction	1 / 2	$10
11	Construction Technology	2 / 3	$30
12	Practicum in Construction	3 / 4	$30

Electrical Tech

Gr	Course	Credits/Pds	Fee
9	Principles of Manufacturing	1 / 1	
10	Electrical Technology I	1 / 2	$10
11	Electrical Technology II	2 / 3	$10
12	Practicum in Electrical Tech	2 / 3	

Plumbing

Gr	Course	Credits/Pds	Fee
9	Principles of Manufacturing	1 / 1	
10	Plumbing I	1 / 2	$10
11	Plumbing II	2 / 3	
12	Practicum in Plumbing Constr	2 / 3	

Architecture

Gr	Course	Credits/Pds	Fee
9	Principles of Architecture	1 / 1	
10	Architecture Design I	1 / 2	
11	Interior Architectural Design	1 / 2	$20
12	Civil Engineering & Architecture	1 / 2	$20

CTE BUSINESS & INDUSTRY OPTIONS (continued)

ENDORSEMENT: BUSINESS & INDUSTRY
TRACK: Business Management and Administration

Marketing

Gr	Course	Credits/Pds	Fee
9	Princ of Bsns, Mktg & Finance	1 / 1	
10	Advertising & Social Media Mktg	1 / 2	
11	Entrepreneurship	1 / 2	$50
12	Practicum in Marketing Dynamics	2 / 3	$10

ENDORSEMENT: BUSINESS & INDUSTRY
TRACK: Information Technology

Computer Maintenance

Gr	Course	Credits/Pds	Fee
9	Principles of Information Tech	1 / 1	
10	Computer Maintenance	1 / 2	$15
11	Networking	1 / 2	$15
12	Computer Tech Practicum	2 / 3	

ENDORSEMENT: BUSINESS & INDUSTRY
TRACK: Hospitality and Tourism

Culinary

Gr	Course	Credits/Pds	Fee
9	Principles of Public Service	1 / 1	
10	Introduction to Culinary Arts	1 / 2	$10
11	Culinary Arts	2 / 3	$40
12	Advanced Culinary Arts	2 / 3	

ENDORSEMENT: BUSINESS & INDUSTRY
TRACK: Manufacturing

Welding

Gr	Course	Credits/Pds	Fee
9	Principles of Manufacturing	1 / 1	
10	Introduction to Welding	1 / 2	$20
11	Welding 1	2 / 3	$45
12	Welding 2	2 / 3	$45

ENDORSEMENT: BUSINESS & INDUSTRY
TRACK: Transportation

Auto Tech

Gr	Course	Credits/Pds	Fee
9	Principles of Manufacturing	1 / 1	
10	Automotive Basics	1 / 2	
11	Auto Tech I: Maint & Repair	2 / 3	$80
12	Auto Tech II: Auto Service	2 / 3	$80

Auto Collision

Gr	Course	Credits/Pds	Fee
9	Principles of Manufacturing	1 / 1	
10	Basic Collision Repair/Refinishing	1 / 2	
11	Collision Repair	2 / 3	$40
12	Auto Collision 2	2 / 3	$40

CTE BUSINESS & INDUSTRY OPTIONS (continued)

ENDORSEMENT: BUSINESS & INDUSTRY

TRACK: Arts, Audio/Video, and Communications

AV Production

Gr	Course	Credits/Pds	Fee
9	Principles of Arts/AV/CT	1 / 1	
10	Digital Media	1 / 1	
11	AV Production I*	1 / 2	$15
12	AV Production II*	2 / 3	

*Through MSU Texas, students who meet admission and TSI requirements can also take related courses for college credit, while participating in this program. For more information, see the "Dual Credit" page or AV Production course descriptions.

Graphic Design

Gr	Course	Credits/Pds	Fee
9	Principles of Arts/AV/CT	1 / 1	
10	Digital Media	1 / 1	
11	Graphic Design I	1 / 2	$15
12	Graphic Design II	2 / 3	

Journalism (Yearbook/Newspaper)

Gr	Course	Credits/Pds	Fee
9	Print and Image Tech 1 (Jrnlsm)	1 / 1	
10	Print and Image Tech 2 (YBK1/NP1)	1 / 1	
11	Pract in Print and Image Tech 1 (YBK2/NP2)	2 / 2	
12	Pract in Print and Image Tech 2 (YBK3/NP3)	2 / 2	

CTE PUBLIC SERVICE OPTIONS

ENDORSEMENT: PUBLIC SERVICE — TRACK: Health Science

CNA

Gr	Course	Credits/Pds	Fee
9	Principles of Health Science	1 / 1	
10	Medical Terminology	1 / 1	
11	CNA	2 / 3	$60
12	Practicum in Health Science (Medical Assisting)	2 / 3	$80

Kinesiology (Athletic Training)

Gr	Course	Credits/Pds	Fee
9	Principles of Health Science (Kinesiology 1)	1 / 1	
10	Athletic Trng 1 (Kinesiology 1)	1 / 1	
11	Athletic Trng 2 (Career Prep 1)	2 / 2	
12	Athletic Trng 3 (Career Prep 2)	2 / 2	

Health Science Options

Gr	Course	Credits/Pds	Fee
9	Principles of Health Science	1 / 1	
10	Medical Terminology	1 / 1	
11	Medical Microbiology *and/or* Anatomy & Physiology	1 / 2	
12	Pharmacology, *OR* PT/OT, *OR* Med Lab Practicum, *OR* Medical Assist	1 / 2 2 / 3 2 / 3 2 / 3	$60 $60 $60 $80

ENDORSEMENT: PUBLIC SERVICE — TRACK: Public Service

Cosmetology

Gr	Course	Credits/Pds	Fee
9	Principles of Public Service	1 / 1	
10	Intro to Cosmetology	1 / 2	$25
11	Cosmetology 1 (Zero Hour)	3 / 4	$200
12	Cosmetology 2	3 / 4	$160

Law Enforcement

Gr	Course	Credits/Pds	Fee
9	Principles of Public Service	1 / 1	
10	Principles of Law & Public Safety	1 / 2	
11	Forensic Science *and* Law Enforcement 1	2 / 3	
12	Law Enforcement 2	1 / 2	$50

Mental Health

Gr	Course	Credits/Pds	Fee
9	Principles of Public Service	1 / 1	
10	Human Growth & Development	1 / 1	
11	Counseling and Mental Health	1 / 2	
12	Practicum in Mental Health	2 / 3	

Education and Training

Gr	Course	Credits/Pds	Fee
9	Principles of Public Service	1 / 1	
10	Human Growth & Development	1 / 1	
11	Education and Training 1*	2 / 3	
12	Education and Training 2*	2 / 3	$75

*Through MSU Texas, students who meet admission and TSI requirements can also take related courses for college credit, while

	participating in this program. For more information, see the "Dual Credit" page or Education & Training course descriptions.

CTE SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) OPTIONS

ENDORSEMENT: STEM

TRACK: Engineering

Gr	Course	Credits/Pds	Fee
9	Principles of Engineering	1 / 1	
10	Manufacturing & Engineering Tech I	1 / 2	
11	Engineering Design/Presentation I	1 / 2	
12	Engineering Design & Problem Solving (Physics or PT Physics is pre-req or co-req)	1 / 2	

TRACK: Computer Technology

Gr	Course	Credits/Pds	Fee
9	Fundamentals of Computer Science	1 / 1	
10	Computer Science I	1 / 2	$20
11	Computer Science II	1 / 2	$50
12	Game Programming and Design	1 / 2	

Note: Students can also obtain a STEM Endorsement by earning:

- A total of 5 credits in Mathematics courses **OR**
- A total of 5 credits in Science courses

PHYSICAL EDUCATION

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Requirements: To graduate high school, students must complete one credit in physical education. However, a student may earn up to four units of PE equivalent credit that count toward graduation requirements through athletics or other substitution courses. No student may be enrolled in more than one PE credit or PE substitution credit in any semester.

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
17110	Lifetime Fitness and Wellness Pursuits	*Offered in odd numbered school years (e.g. 24-25)*	9-12	1.0
17111	Skill-Based Lifetime Activities	*Offered in even numbered school years (e.g. 25-26)*	9-12	1.0
1717X	Off-Campus PE (Non-District Activity)	Category I > 5 hours/week; Category II >15 hours per week (Olympic-Level)	9-12	1.0
19610	Marching Band PE Substitution	Students may use the fall semester of Marching Band to satisfy the required PE credit	9-12	0.5-1.0
17650	JROTC PE Substitution	Students may use 1 year of the JROTC Program to satisfy the required PE credit	9-12	1.0

COURSE DESCRIPTIONS: PHYSICAL EDUCATION

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

17110 **Lifetime Fitness & Wellness Pursuits** GPA Scale: Regular PEIMS#: PES00051	The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.
17170-17173 **Off-Campus PE** GPA Scale: Regular PEIMS#: PES00008-11	Students participating in an athletic activity-based program outside of school may be eligible to apply for off-campus PE. Students must meet the requirements set forth by TEA for a Category I or Category II waiver based on the number of hours of weekly program participation. See the WFISD Off-Campus PE page for more information.
17111 **Skill-Based Lifetime Activities** GPA Scale: Regular PEIMS#: PES00056	The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students in Skill-Based Lifetime Activities experience multiple learning opportunities that promote physical literacy and lifetime wellness.
19610 **SUBMB** GPA Scale: Regular PEIMS#: PES00012	Students may use the fall semester of Marching Band to satisfy the required PE credit. See Band for more information on the program.
17650 **SUBJ** GPA Scale: Regular PEIMS#: PES00004	Students may use 1 year of the JROTC Program to satisfy the required PE credit. See JROTC for more information on the program.

ATHLETICS

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Athletics is intended for students interested in playing competitive sports. Athletic participation is a privilege, not a right and student athletes are held to a high standard of conduct. If a student is removed or quits a sport during the school year they will be placed in any available PE course for which they do not already have credit. Students cannot come out of a sport for a free period. Any questions concerning participation should be addressed to the specific coach or campus athletic coordinator.

- Students participating in WFISD Athletics are REQUIRED to have an annual physical and complete all appropriate paperwork prior to participation in tryouts, practices, and games.
- Physicals must be completed on the official UIL physical form.
- Attendance will be required outside of class for practices, games, and other engagements.
- According to UIL rules, student athletes must maintain a 70 average in all of their classes to remain eligible for competition.
- Students participating in multiple team-based sports should register for the sport that has the earliest season (e.g. football starts at the beginning of the year as opposed to basketball, which begins at the end of the fall semester), and they should notify the head coach of each sport.
- Participation in a full year of athletics satisfies the PE credit graduation requirement.

Students in the WFISD are able to participate in the following individual and team sports:

Traditionally Individual Sports	Traditionally Men's Team Sports	Traditionally Women's Team Sports
Cross Country	Football	Volleyball
Track	Basketball	Basketball
Tennis*	Soccer	Softball
Swimming*	Baseball	Soccer
Golf*		Cheerleading*
Wrestling		

Please note that *Cheerleading* auditions take place in the spring BEFORE the next school year begins in order to order uniforms and other necessary supplies, register for summer camp, etc. Generally, these auditions will take place early in the 2nd semester. Contact the Cheer Sponsor for specific information regarding auditions.

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
17710	Freshman Boys Athletics	For all 9th grade boys in athletics*	9	1.0
17810	Freshman Girls Athletics	For all 9th grade girls in athletics*	9	1.0
XXXXX	Athletic Sport(s) of Choice (II-IV)	Courses taken in sequence	10-12	1.0

**Freshman can register for these sports, instead of Freshman Athletics, if they are joining the team and not playing another sport.*

COURSE INFORMATION: ATHLETICS

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

17230 **JV/Var Baseball I** GPA Scale: Regular PEIMS#: PES00000	17231 **JV/Var Baseball II** GPA Scale: Regular PEIMS#: PES00001	17232 **JV/Var Baseball III** GPA Scale: Regular PEIMS#: PES00002	17233 **JV/Var Baseball IV** GPA Scale: Regular PEIMS#: PES00003

ATHLETIC COURSES (continued)

17250 **JV/Var Boys Basketball I** GPA Scale: Regular PEIMS#: PES00000	17251 **JV/Var Boys Basketball II** GPA Scale: Regular PEIMS#: PES00001	17252 **JV/Var Boys Basketball III** GPA Scale: Regular PEIMS#: PES00002	17253 **JV/Var Boys Basketball IV** GPA Scale: Regular PEIMS#: PES00003
17270 **JV/Var Girls Basketball I** GPA Scale: Regular PEIMS#: PES00000	17271 **JV/Var Girls Basketball II** GPA Scale: Regular PEIMS#: PES00001	17272 **JV/Var Girls Basketball III** GPA Scale: Regular PEIMS#: PES00002	17273 **JV/Var Girls Basketball IV** GPA Scale: Regular PEIMS#: PES00003
17282 **Cheerleading I** GPA Scale: Regular PEIMS#: PES00000	17283 **Cheerleading II** GPA Scale: Regular PEIMS#: PES00001	17284 **Cheerleading III** GPA Scale: Regular PEIMS#: PES00002	17285 **Cheerleading IV** GPA Scale: Regular PEIMS#: PES00003
17350 **JV/Var Football I** GPA Scale: Regular PEIMS#: PES00000	17351 **JV/Var Football II** GPA Scale: Regular PEIMS#: PES00001	17352 **JV/Var Football III** GPA Scale: Regular PEIMS#: PES00002	17353 **JV/Var Football IV** GPA Scale: Regular PEIMS#: PES00003
17360 **Golf I** GPA Scale: Regular PEIMS#: PES00000	17361 **Golf II** GPA Scale: Regular PEIMS#: PES00001	17362 **Golf III** GPA Scale: Regular PEIMS#: PES00002	17363 **Golf IV** GPA Scale: Regular PEIMS#: PES00003
17390 **JV/Var Boys Soccer I** GPA Scale: Regular PEIMS#: PES00000	17391 **JV/Var Boys Soccer II** GPA Scale: Regular PEIMS#: PES00001	17392 **JV/Var Boys Soccer III** GPA Scale: Regular PEIMS#: PES00002	17393 **JV/Var Boys Soccer IV** GPA Scale: Regular PEIMS#: PES00003
17410 **JV/Var Girls Soccer I** GPA Scale: Regular PEIMS#: PES00000	17411 **JV/Var Girls Soccer II** GPA Scale: Regular PEIMS#: PES00001	17412 **JV/Var Girls Soccer III** GPA Scale: Regular PEIMS#: PES00002	17413 **JV/Var Girls Soccer IV** GPA Scale: Regular PEIMS#: PES00003
17355 **JV/Var Girls Wrestling I** GPA Scale: Regular PEIMS#: PES00000	17356 **JV/Var Girls Wrestling II** GPA Scale: Regular PEIMS#: PES00001	17357 **JV/Var Girls Wrestling III** GPA Scale: Regular PEIMS#: PES00002	17358 **JV/Var Girls Wrestling IV** GPA Scale: Regular PEIMS#: PES00003
17355 **JV/Var Boys Wrestling I** GPA Scale: Regular PEIMS#: PES00000	17356 **JV/Var Boys Wrestling II** GPA Scale: Regular PEIMS#: PES00001	17357 **JV/Var Boys Wrestling III** GPA Scale: Regular PEIMS#: PES00002	17358 **JV/Var Boys Wrestling IV** GPA Scale: Regular PEIMS#: PES00003

17430 **JV/Var Softball I** GPA Scale: Regular PEIMS#: PES00000	17431 **JV/Var Softball II** GPA Scale: Regular PEIMS#: PES00001	17432 **JV/Var Softball III** GPA Scale: Regular PEIMS#: PES00002	17433 **JV/Var Softball IV** GPA Scale: Regular PEIMS#: PES00003
17450 **Swimming I** GPA Scale: Regular PEIMS#: PES00000	17451 **Swimming II** GPA Scale: Regular PEIMS#: PES00001	17452 **Swimming III** GPA Scale: Regular PEIMS#: PES00002	17453 **Swimming IV** GPA Scale: Regular PEIMS#: PES00003
17480 **JV/Var Tennis I** GPA Scale: Regular PEIMS#: PES00000	17481 **JV/Var Tennis II** GPA Scale: Regular PEIMS#: PES00001	17482 **JV/Var Tennis III** GPA Scale: Regular PEIMS#: PES00002	17483 **JV/Var Tennis IV** GPA Scale: Regular PEIMS#: PES00003
17490 **Boys Track I** GPA Scale: Regular PEIMS#: PES00000	17491 **Boys Track II** GPA Scale: Regular PEIMS#: PES00001	17492 **Boys Track III** GPA Scale: Regular PEIMS#: PES00002	17493 **Boys Track IV** GPA Scale: Regular PEIMS#: PES00003

17500 **Girls Track I** GPA Scale: Regular PEIMS#: PES00000	17501 **Girls Track II** GPA Scale: Regular PEIMS#: PES00001	17502 **Girls Track III** GPA Scale: Regular PEIMS#: PES00002	17503 **Girls Track IV** GPA Scale: Regular PEIMS#: PES00003
17520 **JV/Var Volleyball I** GPA Scale: Regular PEIMS#: PES00000	17521 **JV/Var Volleyball II** GPA Scale: Regular PEIMS#: PES00001	17522 **JV/Var Volleyball III** GPA Scale: Regular PEIMS#: PES00002	17523 **JV/Var Volleyball IV** GPA Scale: Regular PEIMS#: PES00003

ADDITIONAL ELECTIVES

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Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
176X0	JROTC 1 - 4	Year 1 can count as a PE credit (17650), if needed	9-12	1.0
17103	Health		10-12	0.5
12401	PAL 1 (Fam/Comm Srvc)	Application	11-12	1.0
12402	PAL 2 (Prac Human Srvc)	Application, PAL 1	12	2.0
1664X	IBDP Theory of Knowledge (ToK)	Full IB Diploma candidates	11&12	1.0
1230X	CAS	Must be paired with IB ToK in 11th & 12th grades	11&12	1.0
130CP	College Prep ELA	Computer-based, elective credit only	12	1.0
140CP	College Prep Math	Computer-based, elective credit only	12	1.0
MD3103	MSU Dual Contemporary Media (MSU Texas)	TSI Clear in ELAR or Math	12	0.5
MD3104	MSU Dual Digital Communications (MSU Texas)	TSI Clear in ELAR or Math	12	0.5
MD2011	MSU Dual Computer Science 1 (MSU Texas)	TSI Clear in Math	12	0.5
VC2011	VC Dual Computer Science 1 (Vernon College)	TSI Clear in Math	12	0.5

COURSE DESCRIPTIONS: ADDITIONAL ELECTIVES

**courses with the same PEIMS# cannot be repeated if one of the credits was already earned*

17600/17650 **JROTC 1** GPA Scale: Regular PEIMS#: 03160100/PES00004	JROTC prepares high school cadets for responsible leadership roles, while making them aware of their rights, responsibilities (including respect for authority), privileges, and freedoms that underlie good citizenship. Throughout the JROTC program students will learn first aid, leadership, techniques of communication, citizenship, American history, drug awareness and prevention, financial planning, drill and ceremonies, map reading, physical training, problem-solving, and practical application of leadership principles.
17610 **JROTC 2** GPA Scale: Regular PEIMS#: 03160200	
17620 **JROTC 3** GPA Scale: Regular PEIMS#: 03160300	
17630 **JROTC 4** GPA Scale: Regular PEIMS#: 03160400	

ADDITIONAL ELECTIVE COURSE DESCRIPTIONS (continued)

17103 **Health** GPA Scale: Regular PEIMS#: 03810100	Health provides instruction that allows youth to develop and sustain health-promoting behaviors throughout their lives. The understanding and application of these standards will allow students the ability to gather, interpret, and understand health information; achieve health literacy; and adapt to the ever-evolving science of health. Curriculum is presented to students in a positive manner to support the development of a healthy self-concept and responsible decision-making. The standards will help students reinforce, foster, and apply positive character traits.
12401 **PAL 1 (Fam/Comm Srvc)** GPA Scale: Regular PEIMS#: 13024900 12402 **PAL 2 (Prac Human Srvc)** GPA Scale: Regular PEIMS#: 13025000	The PAL program is 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. Students will travel to elementary schools to mentor their younger peers, and they will participate in peer mentoring on their home campus. Students will learn to understand and assist with the needs of individuals and families in their community.
16641(S2Jr) /16642(S1Sr) **IBDP Theory of Knowledge (ToK)** GPA Scale: Advanced PEIMS#: N1290322	*IB Courses are only offered at the Legacy campus.* Full IB diploma candidates will explore the various Ways of Knowing and Areas of Knowledge and Problems of Knowledge through exploration of human knowledge, intellectual honesty, and its interpretations as well as the social construct. Socratic questioning and discussion will be the basis for exploration. IB ToK is taught over the course of 2 years in combination with the required community service course. In 11th grade, students will take IB ToK in the spring semester, while 12th grade students will finish the course in the fall semester.
12300(S1Jr) /12305(S2Sr) **CAS (IB Program)** GPA Scale: Regular PEIMS#: 03380002/ 03380022	*IB Courses are only offered at the Legacy campus.* Creativity, Activity, Service or CAS is a crucial course on the journey to an IB Diploma. Students are required to better themselves and their community through concentrating on the 3 strands of IB: creativity, activity, and community service. Activities in CAS are individualized, based upon what activity the students chooses to complete each of the 3 components. The CAS course must be taken in conjunction with the IB Theory of Knowledge course during the students junior and senior year.
130CP **College Prep ELA** GPA Scale: Regular PEIMS#: CP110100	This is an online, self-paced course that is a requirement for those who are not considered (based on TEA standards) college and/or career ready by their senior year. Students who are not college/career ready are not able to have a “free period” in their schedule as a senior. Completion of this course allows students to become eligible for a free period. *Students will earn an elective credit for completion of this course.*
140CP **College Prep Math** GPA Scale: Regular PEIMS#: CP111200	This is an online, self-paced course that is a requirement for those who are not considered (based on TEA standards) college and/or career ready by their senior year. Students who are not college/career ready are not able to have a “free period” in their schedule as a senior. Completion of this course allows students to become eligible for a free period. *Students will earn an elective credit for completion of this course.*

ADDITIONAL ELECTIVE COURSE DESCRIPTIONS (continued)

MD3103 **Dual Credit Contemp Media (MSU Texas)** GPA Scale: Advanced PEIMS#: 03241401	**Note: These are college courses taken for high school credit.* MCOM 2243 is a workshop course focusing on news reporting and writing techniques used in both traditional print media and Internet publishing. Students will be introduced to the basics of accuracy, clarity, word choice, journalistic style, story structure, and deadlines. Coverage of on-campus news events is supplemented by deadline writing exercises in a classroom laboratory.
MD3104 **Dual Credit Digital Comm (MSU Texas)** GPA Scale: Advanced PEIMS#: 03580610	**Note: These are college courses taken for high school credit.* MCOM 2403 is a course focused on the analysis and effective usage of current and emerging social media in professional environments.
MD2011 **Dual Credit Comp Science (MSU Texas)** GPA Scale: Advanced PEIMS#: 03580200	**Note: These are college courses taken for high school credit.* CMPS 1044 provides an introduction to methods of problem solving and algorithm development. A high-level programming language is taught with an emphasis on program design, coding, debugging, testing, and documentation. Discussion of ethical, social, and legal issues related to computing.
VC2011 **Dual Credit Comp Science (Vernon College)** GPA Scale: Advanced PEIMS#: 03580200	**Note: These are college courses taken for high school credit.* ITSE 1402 provides an introduction to computer programming, including design, development, testing, implementation, and documentation.

DUAL CREDIT

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Dual credit is a special way for students to take courses that count for credits both in high school and in college. Currently, these courses must be taken on the college campus either through Vernon College or Midwestern State University. Dual credit students must meet college entrance requirements, and have schedules that allow for travel back and forth between campuses. For more detailed information, please visit www.wfisd.net/dual.

Grade	College Course	College	Pre-requisites	HS Credit	Local ID
11	Composition I & II (ENGL 1143/1153)	MSU	English II, TSI Clear in ELAR	English III	MD1333-4
11	Composition I & II (ENGL 1301/1302)	VC		English III	VC1333-4
11	US History (HIST 1133/1233)	MSU	TSI Clear in ELAR	Special Topics in Social Studies	MD1633-4
11	US History (HIST 1301/1302)	VC		Special Topics in Social Studies	VC1633-4

During 11th grade, students can take Composition and US History, which in most cases must be paired and taken on alternating days. Successful dual credit students have more options in grade 12.

Grade	College Course	College	Pre-requisites	HS Credit	Local ID
12	Literature I & II (ENGL 2813/2823)	MSU	Comp I & II; TSI Clear in ELAR	English IV	MD1343-4
12	Literature I & II (ENGL 2322/2323)	VC		English IV	VC1343-4
12	Macroeconomics (ECON 2333)	MSU	TSI Clear in ELAR	Economics (1 sem)	MD1651
12	Macroeconomics (ECON 2301)	VC		Economics (1 sem)	VC1651
12	Federal Government (POLS 1433)	MSU	TSI Clear in ELAR	US Government (1 sem)	MD1641
12	Federal Government (GOVT 2305)	VC		US Government (1 sem)	VC1641
12	Anatomy & Physiology I&II (BIOL 1134/1234)	MSU	TSI Clear in ELAR	Anatomy & Physiology	MD1516-7
12	Anatomy & Physiology I&II (BIOL 2401/2402)	VC	TSI Clear in ELAR	Anatomy & Physiology	VC1533-4
12	Biology (non-science majors) (BIOL 1308/1309)	VC	TSI Clear in ELAR	Environmental Systems	VC1513-4
12	Psychology (PSYC 2301)	VC	TSI Clear in ELAR	Psychology (1 sem)	VC1661
12	Psychology (PSYC 1103)	MSU		Psychology (1 sem)	MD1661
12	Sociology (SOCI 1301)	VC		Sociology (1 sem)	VC1671
12	Sociology (SOCL 1133)	MSU		Sociology (1 sem)	MD1671
12	College Algebra (MATH 1233)	MSU	TSI Clear in Math	Ind. Study in Math (1 sem)	MD1453
12	College Algebra (MATH 1314)	VC	TSI Clear in Math	Ind. Study in Math (1 sem)	VC1453
12	Statistics (MATH 1342)	VC	MATH 1314, TSI Clear in Math	Ind. Study in Math (1 sem)	VC1442
12	Precalculus (MATH 1534)	MSU	MATH 1233,	Ind. Study in Math (1 sem)	MD1455

			TSI Clear in Math		

Grade	College Course	College	Pre-requisites	HS Credit	Local ID
12	Art Appreciation (ART 1413)	MSU	TSI Clear in ELAR or Math	Art Appreciation I (1 sem)	MD1921
12	Art Appreciation (ARTS 1301)	VC		Art Appreciation I (1 sem)	VC1921
12	Music Appreciation (MUSC 1033 or MUSC 1043)	MSU		Music Appreciation I (1 sem)	MD1981
12	Music Appreciation (MUSI 1306)	VC		Music Appreciation I (1 sem)	VC1981
12	Elementary Spanish I-II (SPAN 1134-1234)	MSU	Completion of at least Spanish II TSI Clear in ELAR or Math	Spanish III OR Spanish IV (if student has completed Spanish III in HS)	MD1833-4 or MD1843-4
12	Contemporary Math I (MATH 1053)	MSU	TSI Clear in Math	Ind. Study in Math (1 sem)	MD1441
12	Contemporary Math I (MATH 1332)	VC	TSI Clear in Math	Ind. Study in Math (1 sem)	VC1441
12	Media Writing/Reporting (MCOM 2243)	MSU	TSI Clear in ELAR or Math	Contemporary Media (1 sem)	MD3103
12	Social Media (MCOM 2403)	MSU	TSI Clear in ELAR or Math	Digital Communications 21st Century (1 sem)	MD3104
12	Computer Science (CMPS 1044)	MSU	TSI Clear in Math; College Algebra prereq or coreq	Computer Science 1 (1 sem)	MD2011
12	Computer Programming (ITSE 1402)	VC	TSI Clear in Math; College Algebra prereq or coreq	Computer Science 1 (1 sem)	VC2011

DUAL CREDIT OPPORTUNITIES THROUGH CTE PROGRAMS OF STUDY

Grade	College Course	College	Pre-requisites	HS Credit	Local ID
11-12	Human Development (COUN 2023)	MSU	TSI Clear in ELAR	Instructional Practices (S2)	HD2094
12	School & Society (EDUC 2013)	MSU	TSI Clear in ELAR	Prac in Ed & Training (S1)	HD208A
12	Human Diversity (COUN 2143)	MSU	TSI Clear in ELAR	Prac in Ed & Training (S2)	HD208B
11-12	Appreciation of Film (MCOM 2213)	MSU	TSI Clear in ELAR or Math	AV Production I (S2)	HD203A
12	Intro to Mass Comm (MCOM 1233)	MSU	TSI Clear in ELAR or Math	AV Production II (S1)	HD203B
12	Internet & Society (MCOM 2523)	MSU	TSI Clear in ELAR or Math	AV Production II (S2)	HD203C
12	Intro to Agribusiness (AGMG 1311) (Hybrid)	VC	TSI Clear in ELAR or Math	Prac in Ag (S1)	HD207A

For more information, please visit www.wfisd.net/dual.

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAM

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****The IB Diploma Program is only offered on the Legacy Campus.****

About the IB Program

The International Baccalaureate (IB) Programme offers rigorous and engaging college preparatory work.

Philosophy/ Objectives

The IB Diploma Programme is a challenging two-year course of study. It provides students with the intellectual,social, and critical perspective necessary for the international world. Students in the program will study how to learn, how to analyze, and how to reach considered conclusions about people and other cultures. The IB Programme takes on a special significance today when knowledge continues to expand dramatically and existence in an international community requires understanding and an appreciation of cultural diversity. It is essential, therefore, that academic training provides students with the skills and opportunities that will enable
them to succeed in the competitive global society.
Benefits of the Diploma Programme:

- College credit, which has exceeded 40 hours for some students
- Geared at multiculturalism and viewed through a global lens
- Emphasis on extensive writing assignments like those found in university courses
- Fosters 21st century skills such as collaboration, problem-solving, and communication

Transferring for the IB Program

A student wishing to transfer from Memorial HS to Legacy HS for the IB Program must meet the following expectations:

- Students wishing to transfer into the program for the 9th grade should have taken Advanced courses in middle school and maintained a “B” average in their Advanced courses (from English, math, science, social studies, and Spanish).
- Once enrolled, the student must maintain at least a **3.0 weighted GPA**.
- In grades 9-10, the student must stay **enrolled in at least 4 Honors courses** (from English, math, science, social studies, and Spanish).
- In grades 11-12, the student must be actively seeking the **full IB diploma** initially, or they must remain enrolled in at least **two IB certificate courses**, if unable to complete the full diploma program after initial enrollment.

Any local transfer students not meeting these expectations will have their transfer revoked at the end of the related semester (December or May).
ALSO: Because it is a 2-year program for Juniors and Seniors, students are not allowed to enter/begin the IB Diploma Program as 12th graders.
Please note that transfer requests for IB must be completed during the standard open transfer period for high schools.

IBDP COURSE OFFERINGS

Click on each course to be taken back to the course description.

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
13320	IBDP English III (Year 1)	English II, TSI Clear in ELAR	11	1.0
13420	IBDP English IV (Year 2)	Taken IBDP English III (Year 1)	12	1.0
14620	IBDP Analysis & Approaches SL	Precalculus, TSI Clear in Math	11-12	1.0
14630	IBDP Applications & Interpretations SL	Alg II & Precal (or concurrent), TSI Clear in Math	11-12	1.0
15140	IBDP Biology (Year 1)	Honors Biology, Chemistry,TSI Clear in ELAR	11	1.0
15150	IBDP Biology (Year 2)	IBDP Biology (Year 1); TSI Clear in ELAR	12	1.0
15340	IBDP Chemistry (Year 1)	Honors Chemistry, TSI Clear in Math	11	1.0
15350	IBDP Chemistry (Year 2)	IBDP Chemistry (Year 1)	12	1.0
16320	IBDP History of the Americas (Year 1)	TSI Clear in ELAR	11	1.0
16401/16402	IBDP History Topics (Year 2)	TSI Clear in ELAR	12	0.5/0.5

IBDP COURSE OFFERINGS (continued)

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
18395	IBDP Spanish III (Year 1)	Honors Spanish II, TSI Clear attempted ELAR or Math & content teacher approval	11	1.0
18420	IBDP Spanish IV (Year 2)	IBDP Spanish III; TSI Clear attempted ELAR or Math & content teacher approval	12	1.0
19260	IBDP Visual Arts I	Advanced Art class;TSI Clear attempted ELAR or Math & content teacher approval	11	1.0
19270	IBDP Visual Arts II	IBDP Visual Arts I;TSI Clear attempted ELAR or Math & content teacher approval	12	1.0
19570	IBDP Music I	TSI Clear attempted ELAR or Math & content teacher approval	11	1.0
19580	IBDP Music II	TSI Clear attempted ELAR or Math & content teacher approval	12	1.0
1664X	IBDP Theory of Knowledge (ToK)	Full IB Diploma candidates only	11&12	1.0
1230X	CAS (IB Program)	Must be paired with IB ToK in 11th & 12th grades	11&12	1.0

ADVANCED PLACEMENT (AP) COURSES

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About the AP Program

Advanced Placement courses are offered at both Legacy High School and Memorial High School. High school students take AP courses and exams to challenge themselves, explore their interests, earn college credit and gain “advanced” placement for course selections. Passing AP exam scores can help you earn college credit before you set foot on a college campus, and perhaps, let you skip introductory college courses.

AP COURSE OFFERINGS

Click on each course to be taken back to the course description.

Local Course ID	Course	Prerequisites/Information	Grade Level	Credits
13310	AP English III (Language & Comp)	English II, TSI Clear in ELAR	11	1.0
13410	AP English IV (Literature & Comp)	English III, preferably AP, or Dual Credit English Comp I&II, TSI Clear in ELAR	12	1.0
14550	AP Precalculus	Geometry and Algebra II, TSI Clear in Math	10-12	1.0
14600	AP Calculus AB	Precalculus, TSI Clear in Math	11-12	1.0
14610	AP Calculus BC	Honors Precalculus, TSI Clear in Math	11-12	1.0
14800	AP Statistics	Algebra II or Precalculus, TSI Clear in Math	11-12	1.0
15130	AP Biology	Honors Biology, Chemistry, TSI Clear in ELAR	10-12	1.0
15330	AP Chemistry	Honors Chemistry, Algebra II, TSI Clear in Math	11-12	1.0
15411	AP Physics 1	Algebra II (or concurrent), TSI Clear in Math	10-12	1.0
15431	AP Physics 2	AP Physics 1, TSI Clear in Math	11-12	1.0
16310	AP US History	TSI Clear in ELAR	11-12	1.0
16423	AP US Government	TSI Clear in ELAR	12	0.5
16523	AP Macroeconomics	TSI Clear in ELAR	12	0.5
16660	AP Human Geography	TSI Clear in ELAR	11-12	1.0
18410	AP Spanish IV	Honors Spanish III;TSI Clear attempted ELAR or Math & content teacher approval	12	1.0
19220	AP Studio Art (Drawing)	Advanced Art class; TSI Clear attempted ELAR or Math & content teacher approval	11-12	1.0
19230	AP Studio Art 2-D	Advanced Art class; TSI Clear attempted ELAR or Math & content teacher approval	11-12	1.0
19235	AP Studio Art 3-D	Advanced Art class; TSI Clear attempted ELAR or Math & content teacher approval	11-12	1.0
19240	TSI Clear attempted ELAR or Math & content teacher approval	TSI Clear attempted ELAR or Math & content teacher approval	11-12	1.0

19890	AP Music Theory	TSI Clear attempted ELAR or Math & content teacher approval	11-12	1.0

PLANNING PAGE

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The following chart can be used to plan a student's course requests on an 8-period schedule over 4 years of high school.

Per	9th Grade	10th Grade	11th Grade	12th Grade
1	English I ▢Regular ▢Honors	English II ▢Regular ▢Honors	English III ▢Reg ▢AP/IB ▢Dual	English IV ▢Reg ▢AP/IB ▢Dual
2	Math: _____	Math: _____	Math: _____	Math: _____
3	Biology ▢Regular ▢Honors	Chemistry or IPC ▢Regular ▢Honors	Science: _____	Science: _____
4	World Geography ▢Regular ▢Honors	US History ▢Regular ▢Honors	(Social Studies elective)	Government/Economics ▢Reg ▢AP/IB ▢Dual
5	Fine Art: _____	(Elective)	(Elective)	(Elective)
6	PE credit	(Elective)	(Elective)	(Elective)
7	Spanish I ▢Regular ▢Honors	Spanish II ▢Regular ▢Honors	Endorsement elective: _____	Endorsement elective: _____
8	Endorsement elective: _____	Endorsement elective: _____	Endorsement elective: _____	Endorsement elective: _____

Keep in mind a student's plans for life **after high school**.

Options	Ideas	Considerations
Enter the **workforce**	What kind of job?	There are several industry certifications and licenses you can earn while still in high school (everything from OSHA to Cosmetology).
Enroll in a **trade school**	What type of program?	Some high school courses allow you to earn articulated technical credit (ATC) once you enroll in a trade school.
Enlist in **military service**	Which branch? What specialty?	Grades 11-12: Take the ASVAB. Grade 12: Contact a recruiter.
Attend a 4-year **college or university**	What major? For what career?	Take Honors/AP/IB/dual credit courses. Check college websites for their admission requirements and test credit policies. Grade 10: Take the TSIA. Grade 11 (Fall): Take the PSAT. Grade 11-12: Take the SAT and/or ACT.

For more information about any of these course options or post-graduation plans, contact your counselor at your school's guidance office.