



**2021-2022**  
**Red Oak High School**  
**Course Catalog**

## Using the Course Guide

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

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

Study the graduation requirements that are based on the school year you were a freshman. For students who repeat their freshman year, the graduation requirements remain based on the initial year of high school enrollment.

Read the course guide. Discuss your plan options with parents, guardian, or mentor.

Note the test days and exams offered for college-bound students, as well as the career workplace preparation program options for those interested in entering the workforce upon high school graduation.

Meet with your counselor to review course options based on your career interests and academic strengths.

Information contained in this course guide is subject to change by Texas Education Agency action, action by the ROISD Board of Trustees, or error. Ensure that you consult with your student's guidance counselor for clarification and confirmation.

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# Graduation Requirements

## Graduation Foundation Plans

Every Texas public school student will graduate under the foundation graduation program. The foundation graduation program features endorsements, which are paths of interest that include:

- Science, Technology, Engineering, and Mathematics
- Business and Industry
- Public Service
- Arts and Humanities
- Multidisciplinary Studies

Endorsements earned by a student will be noted on the student's transcript.

State law prohibits a student from graduating solely under the foundation graduation program without an endorsement unless, after the student's sophomore year, the student and student's parent are advised of the specific benefits of graduating with an endorsement and submit written permission to the school counselor for the student to graduate without an endorsement. A student who wishes to attend a four-year university or college after graduation must carefully consider whether graduation under the foundation program without an endorsement will satisfy the admission requirements of the student's desired college or university.

## Distinguished Level of Achievement/Performance Acknowledgements

### ***Distinguished Level of Achievement (DLA)***

DLA is an important component for Top 10% automatic admission into select publicly-funded colleges and universities in Texas. It is achieved by completing Algebra II as one of the 4 math credits as well as all other courses for at least one endorsement. This achievement will be noted on the student's transcript.

A school district will permit a student to satisfy the curriculum requirements for graduation under the foundation program with the distinguished level of achievement, including an endorsement, by successfully completing courses in the core curriculum of a public Texas institution of higher education. Please see your counselor for more information.

### ***Performance Acknowledgements***

A student graduating under the foundation graduation program can also earn performance acknowledgments on his or her transcript. Performance acknowledgments are available for outstanding performance in bilingualism and biliteracy, in a dual credit course, on an AP or IB examination, on certain national college preparatory and readiness or college entrance examinations, or for earning a license or certificate recognized at the state, national, or international level. The school counselor can provide more information about these acknowledgments.

A student is not required to complete an Algebra II course to graduate under the foundation graduation program, and the district will annually notify a student's parent of this fact. However, 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.

## Testing Requirements for Graduation

In addition to completing the required number of credits, a student must pass state-mandated tests to graduate. State testing consists of five end-of-course (EOC) assessments in the four foundation content areas—Algebra I, Biology, U.S. History, and English I & II. Testing requirements can be fulfilled with official exemptions from COVID waivers, graduation committees, or student ARD committee.

### Grade Level Classification

Grade level advancements for students in grades 9-12 shall be earned by course credits. Course credit is awarded when a final grade of 70 or higher is achieved. The number of credits required for graduation varies according to the graduation program as listed on page 5.

After the ninth grade, students are classified according to the number of credits earned toward graduation.

Credit Earned	Grade Classification
6	10
12	11
18	12

## Alternative Ways to Earn High School Credit

Red Oak ISD offers a number of state-approved options for earning credit outside the classroom. Below is a brief description of each of these and the corresponding requirements for completion. For more details on any individual option, please contact one of the counselors in the guidance office.

### ***Credit by Examination (With Prior Instruction)***

Students who have had prior formal instruction in a course and failed one or both semesters may qualify to gain credit for the semester(s) by scoring a specified score on a state-approved Credit By Exam. Minimum original grades in the course may be required. Credit By Exam cannot be used to gain eligibility in extracurricular activities. The student and parent are responsible for payment and ordering of the exam. Grades from these exams do not count in the student's GPA calculation. Please refer to the ROISD Student Handbook for current requirements.

### ***Credit by Examination (Without Prior Instruction)***

Under State Board rules, any student may be granted the opportunity to take an examination to earn credit for a course he or she has not yet taken in school. The rules mandate that the student must make a specified score on such a test to receive credit for the course. The school district chooses the test and establishes test dates. Please refer to the ROISD Student Handbook or ask a counselor for Credit by Exam dates. Credit by Exam cannot be used to gain eligibility in extracurricular activities. Grades from these exams do not count in the student's GPA calculation.

### ***Correspondence Course Credit***

Students may earn a maximum of two credits through correspondence. The University of Texas and Texas Tech both offer State-approved correspondence courses. There are tuition fees and textbook charges for these courses. After the student completes the correspondence assignments, he/she must score 70 on the final exam over the material covered in the course. Grades from correspondence courses do not count in the student's GPA calculation. To ensure all transfer credit will be approved, students are strongly encouraged to meet with a school counselor prior to enrolling.

### ***Computer-Based Credit Recovery***

Students who meet eligibility requirements may recover credit that was lost by failing a course or due to excessive absences using a computer-based instruction program. Eligibility for computer-based credit recovery is contingent on the following: (1) administrative approval based on a review of the circumstances of the denied credit; (2) administrative approval based on availability and priority; (3) instruction time scheduled outside the student's academic day. Grades from computer-based instruction do not count in the student's GPA calculation.

### ***Texas Virtual Schools Network***

ROHS students have an option to enroll in electronic courses offered through the TXVSN. According to ROISD Policy EHDE, the Superintendent or designee shall establish procedures to enroll in courses provided by the TXVSN. Contact your counselor for more information.

### ***Early Graduation***

Students who have the goals and self-discipline may graduate high school in three years rather than the traditional four years. This is possible with careful planning. A student wanting to graduate in three years should begin planning for this during middle school with a school counselor and have the plan approved prior to beginning the third year of high school.

### ***Early Release / Late Arrival***

A junior or senior who is on track to graduate on time and is determined to be CCMR-ready may gain approval for late arrival or early release. See a counselor for eligibility information and the contract.

### ***Local Credit Courses***

Some courses are not among the state-required courses and will only receive local credit. If a class is local credit it will be noted in the course description and it will not count as credit toward graduation.

### ***Gifted & Talented Program***

At Red Oak High School, Gifted & Talented (GT) students are served through the rigor of Advanced Academics to include Honors, AP (Advanced Placement), college dual credit classes, and the AP Capstone courses. For more information on the GT independent study classes, speak with a counselor.

### ***Class Ranking***

Class standing shall be determined by accumulated grade points divided by the number of courses for which final grades were given. Class standing and grade point averages (GPAs) shall include all high school credit courses, with the exception of courses listed in the section below. For information on class ranking of early graduates, eligibility for valedictorian and salutatorian, and local graduation honors, please see a counselor or refer to the ROISD Student Handbook or Board Policy EIC (Local).

## **Grade Point Structure**

Red Oak High School employs a weighted grading system. Generally, classes with more rigor and which require more outside work receive a higher number of points on the grading scale. When a student transfers grades for properly documented and eligible courses, the District shall assign weight to those grades. Please see the specific course description for GPA level designation.

Grade	Level I	Level II	Level III
100	5	7	9
99	4.9	6.9	8.9
98	4.8	6.8	8.8
97	4.7	6.7	8.7
96	4.6	6.6	8.6
95	4.5	6.5	8.5
94	4.4	6.4	8.4
93	4.3	6.3	8.3
92	4.2	6.2	8.2
91	4.1	6.1	8.1
90	4	6	8
89	3.9	5.9	7.9
88	3.8	5.8	7.8
87	3.7	5.7	7.7
86	3.6	5.6	7.6
85	3.5	5.5	7.5
84	3.4	5.4	7.4
83	3.3	5.3	7.3
82	3.2	5.2	7.2
81	3.1	5.1	7.1
80	3	5	7
79	2.9	4.9	6.9
78	2.8	4.8	6.8
77	2.7	4.7	6.7
76	2.6	4.6	6.6
75	2.5	4.5	6.5
74	2.4	4.4	6.4
73	2.3	4.3	6.3
72	2.2	4.2	6.2
71	2.1	4.1	6.1
70	2	4	6

## **Courses That Do Not Count Toward GPA**

In a number of cases, courses will count as credit toward graduation but the grades from those courses will not be included in the student's high school GPA calculations. The calculation of class rank shall exclude grades earned in or by:

- Credit by examination, with or without prior instruction
- Summer school or courses taken outside of the school day
- Credit recovery
- Distance learning credit
- Credit for which a pass/fail grade was given, or local credit (LC)
- Credit for courses not recognized by TEA
- Credit awarded in a non-accredited instructional setting
- Courses earned as an aide (teacher, office, counselor, etc.)

A senior student who is enrolled in but does not complete a semester of active participation in a credit-eligible extracurricular activity shall receive a grade of WP (withdrew while passing), and the course shall not be included in the computation for GPA.

### ***Pass/Fail Courses***

To encourage students to pursue areas of special interest and to stretch themselves, ROISD allows juniors and seniors to elect to take a course on a pass/fail basis provided that the course is not necessary for the student's graduation plan. No course taken for P/F will be calculated in the grade point average. The application to take any course P/F must be completed and turned in to the counseling office by the end of the first six weeks of the semester (both semesters of a year-long class). The one exception to this option is CTE courses. **Any CTE course taken must be taken for a grade that will be Calculated in the grade point average and cannot be taken Pass/Fail.**

### ***Credits Required***

The foundation graduation program requires completion of the following credits:

<b>COURSE AREA</b>	<b>NUMBER OF CREDITS: FOUNDATION GRADUATION PROGRAM</b>	<b>NUMBER OF CREDITS: FOUNDATION GRADUATION PROGRAM WITH AN ENDORSEMENT</b>
English/Language Arts	4	4
Mathematics	3	4
Science	3	4
Social Studies, including Economics	3	3
Physical Education	1	1
Languages other than English	2	2
Fine Arts	1	1
CTE Principles Course	1	1
Communications	0.5	0.5
Electives	3.5	5.5
<b>TOTAL</b>	<b>22</b>	<b>26</b>

Additional considerations apply in some course areas, including:

- **Mathematics.** To obtain the distinguished level of achievement under the foundation graduation program, a student must complete an endorsement and take Algebra II as one of the 4 mathematics credits. A student's completion of the distinguished level of achievement is a requirement to be considered for automatic admission to a Texas four-year college or university and will be included on a student's transcript.
- **Physical Education.** A student who is unable to participate in physical activity due to a disability or illness may be able to substitute a course in English language arts, mathematics, science, social studies, or another locally determined credit-bearing course for the required credit of physical education. This determination will be made by the student's ARD committee, Section 504 committee, or other campus committee, as applicable.
- **Languages other than English.** Students are required to earn 2 credits in the same language other than English to graduate. Any student may substitute computer programming languages for these credits.
  - A student may satisfy one of the two required credits by successfully completing in elementary school a dual language immersion program or a course in American Sign Language.
  - In limited circumstances, a student may be able to substitute this requirement with other courses, as determined by a district committee authorized by law to make these decisions for the student.

## Red Oak High School Graduation Plan

### ***Distinguished Level of Achievement***

To graduate with DLA, students must successfully complete the Foundation High School Program curriculum requirements and the requirements for at least one endorsement, including four credits in science and four credits in math to include Algebra II. **Only DLA graduates are eligible for top 10% automatic admission to MOST Texas public colleges/universities; TEXAS grant eligibility.**

### ***Performance Acknowledgements***

A student will earn a performance acknowledgement on their transcript for outstanding performance on any of the following: earning an associate degree; 12+ hours of college academic courses with 3.0 GPA or higher; bilingualism or bi-literacy; College Board AP Exam score of 3 or above; PSAT (National Merit), SAT (410 EBR, 520 Math) or ACT (28); earning a nationally or internationally recognized industry certification.

22 Credits: Foundation Graduation Program + 4 Credits: Endorsement = 26 Credits: Red Oak Diploma
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### ***Endorsements***

The STEM Endorsement

(Science, Technology, Engineering and Mathematics)

Requires Algebra 2, Chemistry, and Physics

- Engineering / PLTW
- Cyber Security
- Math Focus - 2 Math Courses Beyond Algebra 2
- Science Focus (5 Approved Science Courses)
- Computer Science Focus

The Multidisciplinary Studies Endorsement

- Math
- Science
- Social Studies
- History
- 4 AP/Dual-Credit Courses

Students select courses from the curriculum of each endorsement pathway and earn credits in a variety of advanced courses from multiple concentrations.

The Public Services Endorsement\*

- NJROTC
- Health Science
- Cosmetology
- Law / Public Safety / Corrections
- Education & Training

The Arts and Humanities Endorsement

- World Languages
- History / Social Studies
- English / Literature
- Fine Arts
  - Art
  - Band
  - Choir
  - Dance
  - Theatre

### The Business and Industry Endorsement\*

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Av Tech & Communication
- Auto Tech
- Business, Marketing & Finance
- Information Technology
- Manufacturing & Robotics
- Ela Focus: Debate/ Journalism

### ***Foundation Graduation Program with Endorsements\****

- 4 ENGLISH: ELA 1, 2, 3 and Advanced English
- 4 MATHEMATICS: Algebra 1, Geometry, and 2 Advanced Math
- 3 SCIENCE: Biology, plus Physics, IPC or Chemistry, and 2 Advanced Sciences
- 3 SOCIAL STUDIES: U.S. History, Government/Economics, and World History or Geography
- 2 FOREIGN LANGUAGE
- 1 FINE ARTS
- 1 PHYSICAL EDUCATION
- 1 PRINCIPLES OF CTE
- 0.5 COMMUNICATION
- 5.5 ELECTIVES

\*Please see your counselor for specifics.

### **Personal Graduation Plans**

A personal graduation plan will be developed for each high school student. A student must specify upon entering grade 9 which endorsement he or she wishes to pursue.

The district encourages all students to pursue a personal graduation plan that includes the completion of at least one endorsement and to graduate with the distinguished level of achievement. Attainment of the distinguished level of achievement entitles a student to be considered for automatic admission to a public four-year college or university in Texas, depending on his or her rank in class.

The school will review personal graduation plan options with each student entering grade 9 and his or her parent. Before the end of grade 9, a student and his or her parent will be required to sign off on a personal graduation plan that promotes college and workforce readiness, promotes career placement and advancement, and facilitates the transition from secondary to postsecondary education.

The student's personal graduation plan will outline an appropriate course sequence based on the student's choice of endorsement.

Please review TEA's Graduation Toolkit.

A student may amend his or her personal graduation plan after this initial confirmation. The school will send written notice of any such amendment to the student's parent.

### ***Available Course Options for All Graduation Programs***

By the spring, the district will update students on the courses required or offered in each curriculum area so students can enroll for the upcoming school year.

Note: The district may require the completion of certain courses for graduation even if these courses are not required by the state for graduation.

### ***Certificates of Coursework Completion***

A certificate of coursework completion may be issued to a student who has successfully completed state and local credit requirements for graduation but has not yet demonstrated satisfactory performance on the state-mandated tests required for graduation.

## **Earning College Credit while in High School**

Honors, Advanced Placement (AP), and college dual credit courses are designed to challenge students and prepare them for success in college-level coursework. These courses lead students to develop the study habits necessary to tackle rigorous course work; improve writing skills; sharpen reasoning and analytical skills; and develop problem-solving techniques. Students will then be better prepared for the level of work they must do in college.

### **Advanced Placement (AP)**

Advanced Placement is a program of the College Board, a non-profit membership association composed of thousands of schools, colleges, universities, and other educational organizations. Other familiar programs from the College Board include the PSAT and the SAT. The mission of the College Board is to connect students to the opportunity to attend college and to succeed in college.

#### ***What are Honors / AP courses?***

Effective the 2021-22 school year, the term Honors replaces Pre-AP as the descriptor for the course rigor leading up to Advanced Placement courses. Both Honors and AP courses are very challenging and rigorous. Honors courses are designed to better prepare students for AP, but are not a requirement for enrolling in AP courses. Honors and AP are not “all or nothing.” Students may take from one to all of their core classes as Honors/AP.

Each AP teacher must submit a course syllabus to the College Board for authorization to teach an AP course. The curricular requirements are established by the College Board and require a learning experience equal to that of a college-level course. Students do not have to be any particular grade level to enroll in an AP course, though they must have completed any prerequisites.

#### ***What are AP exams?***

After completing an AP course, students are expected to register and pay to take the AP exam in May. Based on the exam score, a student may be able to receive college credit from the college or university that they attend after graduation. AP exam grades range from 1-5; the amount of credit a student receives depends on the college and possibly even the major area of study. Links to many schools’ policies can be found at [College Board AP website](#). Because policies of colleges and universities vary greatly, students should check with the admissions office of the schools they are interested in to verify what scores are necessary to obtain credit.

Be sure to review the AP course descriptions, prerequisite information, and curriculum to determine if AP is the right choice for you. [College Board: AP Course and Exams website](#).

Once enrolled in a Honors or AP course, can a student get a schedule change?

Once enrolled in an AP course, a student may only request a schedule change the first six weeks of school. A conference including the student, parent, teacher, counselor, and campus administrator will be held to make a determination regarding the student's request.

## **College Dual Credit**

Dual credit courses are college courses that also count toward high school credit. Dual credit courses are available in both academic and technical areas of focus. After completing the course with a grade of 70 or higher, the student earns both high school credit and college credit for the course, but typically a college dual credit course counts for .5 high school credit and for 3 college credits. The grade becomes a part of the student's college transcript. Students in dual credit classes will experience fast-paced courses that have homework and coursework requirements of a college-level class, while also covering required TEKS (Texas Essential Knowledge and Skills) for that course on the high-school level.

Colleges and universities have different requirements for accepting credit from another college. In most cases, dual credits transfer to any Texas public college or university, but whether they count toward the graduation requirements of the student's major depends on the subject of the course, the college where the course was taken, and the student's major. Because policies of colleges and universities vary greatly, students should check with the admissions office of the colleges they are interested in to verify how credits students and their parents are responsible for all tuition and textbook/supply costs for dual credit coursework. Students may take up to two college classes per semester while still in high school. Exceptions to this rule require approval of the college dean and the ROHS principal.

### **What are the eligibility requirements to take a dual credit class?**

For admittance into dual credit coursework, students must meet eligibility requirements set forth by the Texas Higher Education Coordinating Board. This includes minimum scores in the areas of reading, writing, and mathematics on the Texas Success Initiative (TSI) exam, or equivalent substitution scores.

<b>Test</b>	<b>Score Explanation / Requirements, effective 2017-2018</b>
<b>STAAR End-of-Course (EOC)</b>	An English II EOC score of 4000 or higher shall waive for both the reading and writing sections of the TSI Assessment. An Algebra I EOC score of 4000 or higher and a passing grade in Algebra II shall waive for the mathematics section of the TSI Assessment.
<b>TSIA 2</b>	College Readiness scores for each area of the TSIA 2: Math: <ul style="list-style-type: none"><li>• CRC of 950-990 <b>OR</b></li><li>• CRC of 910-949 <b>and</b> a diagnostic level of a at least 6</li></ul> ELAR: <ul style="list-style-type: none"><li>• CRC of 945-990 <b>and</b> an essay score of 5-8 <b>OR</b></li><li>• CRC of 910-944 <b>and</b> a diagnostic level of at least 5-6 and an essay score of 5-8</li></ul>
<b>PSAT / NMSQT</b>	A combined score of 1070 on the PSAT/NMSQT with a minimum of 500 on the writing & reading and/or mathematics test shall waive the TSI Assessment relevant to the courses to be attempted. For tests taken March 5, 2016 or later, a minimum score of 530 on the math section and a minimum score of 480 on the Evidence-Based Reading and Writing (EBRW). (No combined score required)
<b>ACT-Aspire</b>	A scale score of 435 in English shall waive for both the reading and writing sections of the TSI Assessment. A scale score of 431 in Math shall waive for the math section of the TSI.
<b>ACT</b>	A composite score of 23 with a minimum of 19 on the English test shall be exempt for both the reading and writing sections of the TSI Assessment, and/or 19 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment.
<b>SAT</b>	A combined critical reading (formerly "verbal") and mathematics score of 1070 with a minimum of 500 on the critical reading test shall be exempt for both reading and writing sections of the TSI Assessment, and/or 500 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment. After March 5, 2016: a minimum score of 480 on the Evidenced-Based Reading and Writing (EBRW) test shall be exempt for both reading and writing sections of the TSI Assessment; a minimum score of 530 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment. There is no combined score.

### **Requirements for freshmen and sophomores**

For ninth and tenth grade students, the TSI Assessment minimum scores must be achieved, and permission must be granted by both the college and the high school for dual credit admissions. Substitute scores for the TSI Assessment may be utilized for ninth and tenth grade students according to the policies of the college.

### **Texas State Technical College (TSTC) dual credit**

For TSTC dual credit, entrance criteria are determined by the type of program or certification the course leads to, and whether the student is seeking coursework beyond a Level 1 certification. Please see a counselor to determine whether TSI testing is needed for the type of technical articulated or dual credit that is being sought.

### ***College dual credit experience and requirements***

Dual credit courses may be offered face-to-face or online. In all cases, students are responsible for all tuition and textbook costs. **The method of instructional delivery for the course cannot be guaranteed due to staffing requirements.**

On the ROHS campus, college dual credit classes are taught face-to-face by high school teachers with specific credentials using curriculum provided by the partner Institute of Higher Education, or they are taught face-to face by a college instructor, or online with a college instructor.

- The student must meet all entrance requirements for the college.
- The student must meet with a high school counselor to determine eligibility.
- The student must complete a dual credit admissions packet.
- The student must take a TSI (Texas Success Initiative) exam or be exempt from TSI requirements
- The student pays all costs associated with taking the college course, including tuition and textbooks.

Courses may be taken on the campus of an approved institution: A high school student may be granted high school credit for college courses taken at an approved institution if the following criteria are met:

- The student must request in writing and receive permission from the high school principal that high school credit will be given for the college course before the course is taken.
- The student must have passed all the parts of his/her most recent state-required test(s).
- The student must have passed all his/her high school classes the previous year.
- The student must be passing all his/her courses and on-track to complete the requirements for the Foundation + Endorsement Graduation Program.
- The student pays all costs associated with taking the college course, including tuition and textbooks.
- The student must provide ROISD with an official transcript showing the grade received. The grade must be a minimum of "C" to qualify for high school credit. (Note that the grade will not count toward the student's high school GPA since the course was taken off the high school campus.)

### ***Once enrolled in a dual credit course, can a student get a schedule change?***

Once enrolled in a dual credit course, the drop date and tuition reimbursement policy are determined by the college. It is very important that students know this information and understand how a dropped course may affect their high school graduation plans. Also, students should be aware that Texas Senate Bill 1231 limits the number of classes a student may drop during his/her college career. If a student chooses to drop a dual credit course, it is the student's responsibility to ensure that all required drop/withdrawal forms are submitted to the college by the college's established deadline.

## AP and Dual Credit Comparison

### What are the differences between AP Courses and College Dual Credit Courses?

FAQ	AP COURSES	DUAL CREDIT COURSES
What are the courses like?	AP courses are challenging, with the curriculum audited and certified by the College Board, which is the same entity that produces the SAT test. Work in these classes is college level.	Dual credit courses are also college level courses. Each dual credit course is audited and certified by an area college through a written agreement with the District.
Who teaches the course?	AP courses are taught by highly qualified Red Oak ISD teachers who receive special training from the College Board.	Dual credit courses are taught by highly qualified teachers, generally Red Oak ISD staff, who have a minimum of 18 graduate hours in the subject area they teach, and who serve as adjunct faculty to the partner college or university.
How do I get college credit for the course?	AP credit is given based on the score the student earns on the AP test at the end of the course. AP tests are scored on a scale of 1 to 5, with a 3 or above generally considered passing, depending on the requirements from the college of interest.	In a Dual Credit course, high school students are also 'dually enrolled' in the college that is certifying the class. The student pays for the credit at the beginning of the course and the grade is recorded on both the high school transcript and the college transcript. As long as the student meets the minimum grade requirement, credit is awarded at completion of the course.
What is the cost of the course?	AP courses do not have a fee, however there is a fee for the test. Typically the test is just under \$100. If the score requirement is met for your college of interest, that college could award you between 3 and 6 hours of credit for the price of that one test.	Costs vary depending on the course hours and the partner college. TSTC tuition is currently \$50 per year, with dually enrolled Red Oak ISD students attending for half cost. Navarro tuition is currently about \$70 per credit hour. Most courses are 3 credit hours, with some 4-hour credit courses also offered.
How do I know if the credit will transfer to my college of interest?	The College Board website has a link to college policies regarding AP credit and placement. Please visit <a href="#">College Board: AP Credit Policy Search website</a> for this information. Upon entering the name of your college of interest, the AP score requirements for each test will be listed. You will also want to verify with the college of interest directly.	Visit the <a href="#">Texas Common Course Numbering System website</a> for this information. Click on 'compare institutions'. You will need to know the name of the Red Oak partner institution [TSTC or Navarro depending on the course the student is currently taking] and the college course prefix and number [your teacher can provide this]. A course must be listed under both institutions in order to be accepted by your college of interest.
What grade can I begin taking these classes and do I need to take a test to get in?	AP courses are primarily offered at the junior and senior level, although there are a limited number of offerings students may take earlier. There is no college-ready testing requirement to take an AP course.	Dual credit courses are primarily offered to juniors and seniors. Students must take and meet standard on a TSI test in order to qualify to take dual credit. Please ask a school counselor for more information on the TSI testing.

# Information for the College-Bound Student

## Admissions Testing

### ***Preliminary Scholastic Aptitude Test (PSAT)***

The PSAT is a three-hour examination similar to the SAT. It is offered in October of each school year on the Red Oak High School campus. This test gives the student a “predicted” SAT score. When taken during the junior year, the PSAT puts students in contention for the National Merit Scholarship Competition. The students receive information about their results that can be helpful in preparation for future SAT testing.

### ***Texas Success Initiative (TSI 2.0) Exam***

The TSI Assessment is designed to help determine whether a student is ready for college-level course work in general areas of reading, writing, and mathematics. All students entering public Institutes of Higher Education in Texas are required to achieve minimum score on this assessment, or use qualifying scores on substitute assessments. Before attempting the exam, mandatory pre-assessment activities are required. ROHS is a testing site for TSI, but you must schedule with a counselor for site availability and to register for pre-assessment activities.

### ***American College Test (ACT) and Scholastic Aptitude Test (SAT)***

The ACT is a three-hour examination similar to an achievement test in English, mathematics usage, reading, and natural science reasoning abilities. Scores achieved on the PSAT and Aspire tests may assist students in choosing one or both exams to attempt for college entrance.

The SAT is a three-hour test of verbal and mathematical reasoning abilities. Both tests include a writing component. These tests are offered on Saturday morning at designated “national test sites” throughout the fall and spring. Students should check with their counselor to obtain specific testing dates and deadlines for registration. Applications for the SAT and ACT are available in the counseling office. Students may also register online. Students should contact their college of choice regarding required placement exams. More information about each test, test dates, and online registration can be found at the following websites:

[ACT website](#)

[SAT: College Board website](#)

## Help for College Readiness and Success

Please visit the [ROHS College and Career Headquarters website](#) for more college, career, and workforce information:

# Planning for Graduation

## Planning Grid

Use the grid below to list each class you have taken or plan to take to be sure you meet the requirements of your graduation program. Students must earn a minimum of 26 credits.

Discipline	Foundation with Endorsement Plan	Year class was or will be taken:				
		7/8	9	10	11	12
English 4 credits See page 19	English I <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
	English II <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
	English III <input type="checkbox"/> Reg <input type="checkbox"/> AP <input type="checkbox"/> DC					
Mathematics 4 credits See page 28	Algebra I <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
	Geometry <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
	Algebra II* or other <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
Science 4 credits See page 33	Biology <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
Social Studies 3 credits See page 39	World Geography** <input type="checkbox"/> Reg <input type="checkbox"/> PreAP					
	World History <input type="checkbox"/> Reg <input type="checkbox"/> AP					
	US History <input type="checkbox"/> Reg <input type="checkbox"/> PreAP <input type="checkbox"/> AP <input type="checkbox"/> DC					
	Government (1 sem.) <input type="checkbox"/> Reg <input type="checkbox"/> AP <input type="checkbox"/> DC					
	Economics (1 sem.) <input type="checkbox"/> Reg <input type="checkbox"/> AP <input type="checkbox"/> DC					
Physical Ed 1 credit See pages 94						
Languages other than English: 2 credits See page 46						
Fine Arts 1 credit See pages 101						
Speech ½ credit						
Principles course: 1 credit						
Electives for Endorsement(s) Minimum 5.5 credits						

\* Algebra II is required for Distinguished Level of Achievement, and is preferred by most four-year universities.

\*\* Alternate course options require counselor approval.

## **Course Availability**

The courses listed in this guide may not be offered every year. Offerings are based on state and district policy, teacher certification, and student demand. Classes with 15 or fewer students registered at the time of scheduling are subject to administrative review and may not be offered due to the lack of interest and staffing availability.

## **Schedule Changes**

Master schedules are developed in the spring prior to the upcoming year. Selections during registration indicate how many teachers and sections will be needed for a course. The process allows administrators to plan and to hire for optimum academic strength. Students and parents will receive a preliminary schedule in the spring to verify selections, make changes due to campus course offerings, and be notified of the last day to make changes. After the last day, schedules will be fixed and subject to change only if ROISD made a mistake, a student's academic record requires changes to the schedule, or extenuating circumstances approved by the campus administration. Thank you for being a crucial part of our educational team as we work together for academic excellence.

# Course Offerings

## English Language Arts

### ***English I\****

Recommended Grade Placement: 9  
ROHS Number: 30113  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS ENG 1 03220100

English I places an emphasis on listening, speaking, reading, writing, thinking, and collaborating. Literature study includes the reading of multiple genres of various lengths, structures, and text complexity building comprehension and making connections within and across texts. Students continue to build writing skills necessary for various purposes. ***\*The state requires an EOC assessment at the end of this course.***

### ***English I - Honors\****

Recommended Grade Placement: 9  
ROHS Number 30118  
Credit: 1  
GPAL: 2  
Prerequisite: Recommended Meets or Masters score on 8th grade reading STAAR  
PEIMS ENG 1 H 03220100

English I Honors offers an increased rigor at a faster pace while still incorporating the same English I curriculum. A summer project may be assigned and result in a grade. ***\*The state requires an EOC assessment at the end of this course.***

### ***English II\****

Recommended Grade Placement: 10  
ROHS Number 30123  
Credit: 1  
GPAL: 1  
Prerequisite: Recommended English I  
PEIMS ENG II 03220200

English II builds on previous skills of listening, speaking, reading, writing, thinking, and collaborating. Literature study increases text complexity in reading of multiple genres of various lengths and structures building comprehension and making connections within and across texts. Students continue to build writing skills necessary for various purposes. ***\*The state requires an EOC assessment at the end of this course.***

### ***English II - Honors\****

Recommended Grade Placement: 10

ROHS Number 30128

Credit: 1

GPAL: 2

Prerequisite: Recommended English I. Recommended Meets or Masters score on English I EOC

PEIMS ENG 2 H 03220200

English II Honors offers an increased rigor at a faster pace while still incorporating the same English II curriculum. A summer project may be assigned and result in a grade. ***\*The state requires an EOC assessment at the end of this course.***

### ***English III***

Recommended Grade Placement: 11

ROHS Number 30133

Credit: 1

GPAL: 1

Prerequisite: Recommended English II

PEIMS ENG 3 03220300

English III is designed to assist students in strengthening their skills in reading analysis and communication. Students will read and write on a daily basis, engaging in activities that build on existing skills as they comprehend and analyze text, write in multiple modes, research, listen, and speak. Writing in a variety of modes - personal essays, opinions and editorials, reflective self-evaluation, speeches, literary analysis, and research projects - students expand their skills in communicating well through written language.

### ***AP English III - Advanced Placement English Language and Composition***

Recommended Grade Placement: 11

ROHS Number 30138

Credit: 1

GPAL: 3

Prerequisite: English II

PEIMS APENGLAN A3220100

AP English III is a college level course organized into nine units of study that provide one possible sequence for the course. The goal of this course is to enable students to successfully take the AP Examination in English Language and Composition. The student is responsible for summer reading and/or writing projects. **Students are expected to take the Advanced Placement exam.**

### ***English IV***

Recommended Grade Placement: 12

ROHS Number 30143

Credit: 1

GPAL: 1

Prerequisite: Recommended English III

PEIMS ENG 4 03220400

English IV is designed to assist students in strengthening their skills in reading analysis and communication. Just as in English III, students read and write on a daily basis, engaging in activities that build on existing skills as they comprehend and analyze text, write in multiple modes, research, listen, and speak. Students are asked to broaden their understanding and their interpretive skills by thinking deeply about themes and ideas from multiple perspectives. This course provides the critical reading and writing skills necessary for college and the workforce.

## ***AP English IV - Advanced Placement English Literature and Composition***

Recommended Grade Placement: 12

ROHS Number 30148

Credit: 1

GPAL: 3

Prerequisite: English III

PEIMS APENGLIT A3220200

AP English IV is a college level course emphasizing the development of skills in critical reading and analysis of literature. Students will read various literature works of fiction, poetry, and drama from various periods and countries. Students will employ the various stages of the writing process, refining their writing styles to exhibit unity, clarity, and coherence as they write and critique various types of literature. The course also emphasizes SAT vocabulary prep. The goal of this course is to enable students to successfully take the AP Examination in English Literature and Composition. The student is responsible for summer reading and/or writing projects. **Students are expected to take the Advanced Placement exam.**

### ***Composition and Rhetoric I - Dual Credit (English 1301)***

Recommended Grade Placement: 11-12

ROHS Number D30146

Credit: 0.5

GPAL: 3

Prerequisite: English II & Meet dual credit eligibility (TSI)

PEIMS ENG 1301 D3220300

Composition and Rhetoric I (DC 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 choice including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. Students must have access to a computer, either on campus or in a personal setting, to complete writing and/or laboratory assignments. **This course satisfies one semester of English III or English IV credit. Please see page 13 for information about dual credit.**

### ***Composition and Rhetoric I - Dual Credit (English 1302)***

Recommended Grade Placement: 11-12

ROHS Number D30147

Credit: 0.5

GPAL: 3

Prerequisite: English II & Meet dual credit eligibility (TSI)

PEIMS ENG 1302 D3220300

Composition and Rhetoric I (DC 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. Students must have access to a computer, either on campus or in a personal setting, to complete writing and/or laboratory assignments. **This course satisfies one semester English III or English IV credit. Please see page 13 for information about dual credit.**

### ***British Literature I - Dual Credit (English 2322)***

Recommended Grade Placement: 12

ROHS Number D30148

Credit: 0.5      College Credit: 3

GPAL: 3

Prerequisite: English 1301, 1302

PEIMS ENG 2323      D3220400

British Literature I (DC 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. **This course satisfies one semester of English IV credit. Please see page 13 for information about dual credit.**

### ***British Literature II - Dual Credit (English 2323)***

Recommended Grade Placement: 12

ROHS Number D30149

Credit: 0.5

GPAL: 3

Prerequisite: English 1301, 1302, & 2322

PEIMS ENG 2323      D3220400

\*College Credit: 3

British Literature II (DC 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. **This course satisfies one semester of English IV credit. Please see page 13 for information about dual credit.**

## **ENGLISH ELECTIVES**

### ***Language and Literacy***

Recommended Grade Placement: 9-12

ROHS Number 999093

Credit: L

GPAL: 1

Prerequisite: Counselor Approved

PEIMS LANG AND LIT 84000

Language and Literacy is a local-credit elective course designed to support struggling readers at the high school level with an emphasis on comprehension, fluency, and academic vocabulary. **NOTE: This course does not count toward graduation requirements.**

### ***Journalism***

Recommended Grade Placement: 9-12

ROHS Number 30613

Credit: L

GPAL: 1

Prerequisite: Grade of 80 or higher on most recent English course

PEIMS JRNLISM 03230100

Journalism provides an introduction to the basics of journalism. The scope includes forms and styles of journalistic writing, history, the press system, layout, design, and production methods, processes of reporting, editing, basic

principles of advertising, and fundamentals of photography, TV and radio production methods, and organization of school publications.

### ***Photojournalism***

Recommended Grade Placement: 9-12

ROHS Number 999152

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PHOTOJOUR 03230800

Photojournalism provides an introduction to the basics of journalism. Students would be expected to plan, interpret, and critique visual representation, carefully examining their product for publication.

### ***Advanced Journalism: Yearbook or Library Magazine Production I***

Recommended Grade Placement: 10-12

ROHS Number 30653

Credit: 1

GPAL: 1

Prerequisite: Grade 80 or higher on most recent English or Journalism course, and/or departmental selection process

PEIMS YBK1 03230110

Advanced Journalism: Yearbook or Library Magazine Production I is designed for journalism students who display a high degree of skill and motivation in the area of yearbook production. Students practice advanced journalism skills and leadership abilities by creating the school yearbook. They develop advanced and specialized skills in at least one of the following areas: photography, editing/reporting, advanced writing, or layout designing skills.

### ***Advanced Journalism: Yearbook or Library Magazine Production II***

Recommended Grade Placement: 10-12

ROHS Number 30663

Credit: 1

GPAL: 1

Prerequisite: Grade 80 or higher on most recent English or Journalism course, and/or departmental selection process

PEIMS YBK2 03230120

Advanced Journalism: Yearbook or Library Magazine Production II students must assume the responsibilities of creating, designing, and completing advanced yearbook projects for the production of the yearbook. Students will specialize in at least one of the following areas: photography, editing/reporting, business management/advertising, typesetting, or layout and design. Projects are designed in the area of specialization. Students will also be expected to be responsible for the directing of activities of other students involved in their project(s).

### ***Advanced Journalism: Yearbook or Library Magazine Production III***

Recommended Grade Placement: 10-12

ROHS Number 30673

Credit: 1

GPAL: 1

Prerequisite: Grade 80 or higher on most recent English or Journalism course, and/or departmental selection Process

PEIMS YBK3 03230130

Advanced Journalism: Yearbook or Library Magazine Production III is a continuation of Yearbook or Library Magazine Production II. Students must assume the responsibilities of creating, designing, and completing advanced yearbook projects for the production of the yearbook. Students will specialize in at least one of the following areas: photography, editing/reporting, business management/advertising, typesetting, or layout and design. Projects are

designed in the area of specialization. Students will also be expected to be responsible for the directing of activities of other students involved in their project(s).

### ***Advanced Journalism: Newspaper Production I***

Recommended Grade Placement: 10-12

ROHS Number 30623

Credit: 1

GPAL: 1

Prerequisite: Grade 80 or higher on most recent English or Journalism course, and/or departmental selection Process PEIMS NP1 03230140

Advanced Journalism: Newspaper Production I is designed to allow the student to participate in the actual production of a newspaper. Students practice basic skills under the conditions of a production situation. Used as a teaching instrument within the approved curriculum, the paper remains under the supervision of the instructor, but the students actually operate in the production of one or more of the following areas: photography, editing/reporting, business management/ advertising, typesetting, or layout and designing skills.

### ***Advanced Journalism: Newspaper Production II***

Recommended Grade Placement: 10-12

ROHS Number 30633

Credit: 1

GPAL: 1

Prerequisite: Grade 80 or higher on most recent English or Journalism course, and/or departmental selection Process PEIMS NP2 03230150

Advanced Journalism: Newspaper Production II students must assume the responsibility of creating, designing, and completing advanced newspaper projects for the production of each issue of the school paper. Students will specialize in at least one of the following areas: photography, editing/reporting, business management/ advertising, or layout and design. Projects are designed in the area of specialization. Students will also be expected to be responsible for directing the activities of other students involved in their project(s).

### ***Advanced Journalism: Newspaper Production III***

Recommended Grade Placement: 10-12

ROHS Number 30643

Credit: 1

GPAL: 1

Prerequisite: Grade 80 or higher on most recent English or Journalism course, and/or departmental selection Process PEIMS NP3 03230160

Advanced Journalism: Newspaper Production III is a continuation of Newspaper Production II. Students must assume the responsibility of creating, designing, and completing advanced newspaper projects for the production of each issue of the school paper. Students will specialize in at least one of the following areas: photography, editing/reporting, business management/ advertising, or layout and design. Projects are designed in the area of specialization. Students will also be expected to be responsible for directing the activities of other students involved in their project(s).

### ***Dual Credit Speech***

Recommended Grade Placement: 9-12

ROHS Number D30313

Credit: 0.5

GPAL: 2

Prerequisite: Meet Eligibility for Dual Credit (TSI)

PEIMS SPEECH 1315 D3241400

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. **Please see page 13 for information about dual credit.**

### ***Debate I***

Recommended Grade Placement: 10-12

ROHS Number 30813

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS DEBATE 1 03240600

Debate I provides instruction on all forms of debate, including standard Lincoln/Douglas. Students will be provided opportunities in cross question techniques, case construction, refutation, and presentation of debate. Presenting written and oral critiques of debate will be included.

### ***Debate II***

Recommended Grade Placement: 10-12

ROHS Number 30823

Credit: 1

GPAL: 1

Prerequisite: Debate I

PEIMS DEBATE 2 03240700

Debate II covers advanced debate programs including but not limited to independent, self-paced study on the Lincoln/Douglas and C/X U.I.L. topics. Students participate in peer interaction projects to share knowledge and experience for novice growth. Students practice debate rounds to refine techniques and update research.

### ***Debate III***

Recommended Grade Placement: 11-12

ROHS Number 30833

Credit: 1

GPAL: 1

Prerequisite: Debate II

PEIMS DEBATE 3 03240800

Debate III is a continuation of Debate II and covers advanced debate programs including but not limited to independent, self-paced study on the Lincoln/Douglas and C/X U.I.L. topics. Students participate in peer interaction projects to share knowledge and experience for novice growth. Students practice debate rounds to refine techniques and update research.

### ***English For Speakers of Other Languages I***

Recommended Grade Placement: 9-12

ROHS Number 30111

Credit: 1

GPAL: 1

Prerequisite: Counselor Approved

PEIMS ENG1 SOL 03200600

English for Speakers of Other Languages I develops an understanding of basic core vocabulary, expressions, and American customs. Students will gain competence in listening, speaking, reading and writing. **ESOL I and II may be substituted for English I and II for recent immigrants only.**

### ***English for Speakers of Other Languages II***

Recommended Grade Placement: 9-12

ROHS Number 30121

Credit: 1

GPAL: 1

Prerequisite: Counselor Approved

PEIMS ENG2 SOL 03200700

English for Speakers of Other Languages II develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on acquisition of English through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading and writing. **ESOL I and II may be substituted for English I and II for recent immigrants only.**

### ***Practical Writing Skills***

Recommended Grade Placement: 9-12

ROHS Number 999520

Credit: 0.5

GPAL: 1

Prerequisite: Counselor Approved

PEIMS PRACT WR 03221300

Practical Writing Skills helps students develop necessary writing skills, including the use of conventions and mechanics of grammar, reading comprehension of informational text, and effective use of vocabulary. **Selected sections of this course may also be utilized to prepare students needing to re-take the state End of Course exams.**

### ***Reading I***

Recommended Grade Placement: 9-12

ROHS Number 999104

Credit: 0.5

GPAL: 1

Prerequisite: Counselor Approved

PEIMS READ1 03270700

Reading I is a state elective credit that assists students in successfully navigating academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All these strategies are applied in instruction-level and independent-level texts that cross the content areas. **NOTE: This course does not count toward ELAR graduation requirements or endorsement pathways.**

## ***Reading II***

Recommended Grade Placement: 9-12

ROHS Number 999433

Credit: 0.5

GPAL: 1

Prerequisite: Counselor Approved

PEIMS READ2 03270800

Reading II is a continuation of Reading I that assists students in successfully navigating academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All these strategies are applied in instruction-level and independent-level texts that cross the content areas. **NOTE: This course does not count toward ELAR graduation requirements or endorsement pathways.**

## ***College Preparatory English***

Recommended Grade Placement: 11-12

ROHS Number 999310

Credit: 1

GPAL: 1

Prerequisite: English III and Counselor Approval

PEIMS CPELA CP110100

College Preparatory English increases the college readiness of high school students in the ten Student Learning Objectives as defined by the state of Texas for indicating college readiness in English (Integrated Reading and Writing). In addition, this course aligns with the Texas College and Career Readiness Standards (CCRS) in the areas of writing, reading, and research. Successful completion of this course qualifies a student for a one year exemption from TSI reading and writing testing at partner colleges. **This course may not be considered a core academic course by the NCAA.**

## ***Creative Writing***

Recommended Grade Placement: 11-12

ROHS Number 999132

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS CREATWR 03221200

The study of creative writing allows high school students to develop versatility as a writer. This rigorous composition course asks students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

## Mathematics

### ***Algebra I\****

Recommended Grade Placement: 9

ROHS Number: 32113

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS ALG1 03100500

In Algebra I, students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. **\*The state requires an EOC assessment at the end of this course.**

### ***Algebra I Honors\****

Recommended Grade Placement: 9

ROHS Number: 32103

Credit: 1

GPAL: 2

Prerequisite: Recommended Meets or Masters on the 8th grade math STAAR

PEIMS ALG1 H 03100500

Algebra I Honors moves at a faster pace, incorporates a deeper conceptual understanding, and prepares students for future success in AP math courses. **\*The state requires an EOC assessment at the end of this course.**

### ***Geometry***

Recommended Grade Placement: 9

ROHS Number: 32123

Credit: 1

GPAL: 1

Prerequisite: Algebra I

PEIMS GEOM 03100700

In Geometry, students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will begin to focus on precise terminology, symbolic representations, and the development of proofs.

### ***Geometry Honors***

Recommended Grade Placement: 9-11

ROHS Number: 32126

Credit: 1

GPAL: 2

Prerequisite: Algebra I; Recommend Meets or Masters scored on the Algebra I EOC exam

PEIMS GEOM H 03100700

Geometry Honors moves at a faster pace, incorporates a deeper conceptual understanding, and prepares students for future success in AP math courses.

### ***Math Models with Applications***

Recommended Grade Placement: 10-11

ROHS Number: 32140

Credit: 1

GPAL: 1

Prerequisite: Algebra I; Recommended Geometry

PEIMS MTHMOD 03102400

In Math Models, students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. **This course may not be used as the “advanced” course option in a sequence of courses towards an endorsement, and this course is not accepted by NCAA.**

### ***Algebra II***

Recommended Grade Placement: 10-12

ROHS Number: 32133

Credit: 1

GPAL: 1

Prerequisite: Algebra I

PEIMS ALG2 03100600

In Algebra II, 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.

### ***Algebra II Honors***

Recommended Grade Placement: 10-12

ROHS Number: 32136

Credit: 1

GPAL: 2

Prerequisite: Algebra I; Recommend Meets or Masters scored on the Algebra I EOC exam

PEIMS ALG2 H 03100600

Algebra II Honors moves at a faster pace, incorporates a deeper conceptual understanding, and prepares students for future success in AP math courses.

### ***Algebraic Reasoning***

Recommended Grade Placement: 10-11

ROHS Number: 32154

Credit: 1

GPAL: 1

Prerequisite: Algebra I

PEIMS ALGREA 03102540

In Algebraic Reasoning, students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data. **This course may not be considered a core academic course by the NCAA.**

### ***College Preparatory Course Mathematics***

Recommended Grade Placement: 12

ROHS Number: 999300

Credit: 1

GPAL: 1

Prerequisite: Algebra I

PEIMS ALGREA CP111200

The College Prep Math course is designed for students at the 12th grade level whose performance on the Algebra I EOC assessment instrument does not meet college readiness standards or whose performance on coursework, a college entrance examination, or an assessment instrument designated under Section 51.3602 9c) indicates that the student is not ready to perform entry-level college coursework. In addition, this course aligns with the Texas College and Career Readiness Standards (CCRS). Successful completion of this course qualifies a student for a one year exemption from TSI mathematics testing at partner colleges. **This course may not be considered a core academic course by the NCAA.**

### ***AP Statistics***

Recommended Grade Placement: 11-12

ROHS Number: 32150

Credit: 1

GPAL: 3

Prerequisite: Algebra II

PEIMS APSTATS A3100200

In AP Statistics, students are introduced 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. The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. **Students are expected to take the Advanced Placement exam.**

### ***Pre-Calculus***

Recommended Grade Placement: 11-12

ROHS Number: 32143

Credit: 1

GPAL: 1

Prerequisite: Algebra II, Geometry

PEIMS PRE-CALC 03101100

In Pre-Calculus, students systematically work with functions and their multiple representations. The study of Pre-calculus 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.

### ***Pre-Calculus Honors***

Recommended Grade Placement: 11-12

ROHS Number: 32146

Credit: 1

GPAL: 2

Prerequisite: Algebra II, Geometry

PEIMS PRECALC H 03101100

Pre-Calculus Honors moves at a faster pace, incorporates a deeper conceptual understanding, and prepares students for future success in AP math courses. This course is designed for the student who intends to continue on to Calculus or pursue a field requiring advanced math in college.

### ***AP Calculus AB***

Recommended Grade Placement: 12

ROHS Number: 32148

Credit: 1

GPAL: 3

Prerequisite: Pre-Calculus

PEIMS APCALCAAB A3100101

In AP Calculus AB, students will explore the concepts, methods, and applications of differential and integral calculus. Students will work to understand the theoretical basis and solve problems by applying their knowledge and skills. Students should understand the properties of linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise-defined functions. Students should know how to graph these functions and solve equations involving these functions. Students should also be familiar with algebraic transformations, combinations, compositions, and inverses for general functions. **Students are expected to take the Advanced Placement exam.**

### ***College Algebra (MATH 1314) Dual Credit***

Recommended Grade Placement: 11-12

ROHS Number: D31491

Credit: 0.5

GPAL: 3

Prerequisite: MTH 0306 or meeting college algebra standard on the TSI exam or equivalent exam

PEIMS MATH 1314 03102500

In Math 1314, students will study applications of polynomial, rational, radical, exponential, and logarithmic functions and systems of equations using matrices. Additional topics include sequences, series, probability, and conics. **Please see page 13 for more information on dual credit.**

### ***College Statistics (MATH 1342) Dual Credit***

Recommended Grade Placement: 11-12

ROHS Number: D31493

Credit: 0.5

GPAL: 3

Prerequisite: MTH 0305 or satisfactory score on the TSI exam or equivalent exam

PEIMS Dual Credit STATS1342 03102502

In Math 1342, students will study the collection, analysis, presentation, and interpretation of data and probability. Analysis includes descriptive statistics correlation and regression, confidence intervals, and hypothesis testing. Use of appropriate technology is recommended. **Please see page 13 for more information on dual credit.**

### ***Digital Electronics***

Recommended Grade Placement: 11-12

ROHS Number: 86002

Credit: 1

GPAL: 2

Prerequisite: Algebra I and Geometry

PEIMS DIGELC 13037600

Please see the STEM cluster of Career and Technical Education for course information. **This course may satisfy a third math credit, but will not fulfill the 4th math requirement towards an endorsement.**

### ***Math for Medical Professionals***

Recommended Grade Placement: 11-12

ROHS Number: 4940

Credit: 1

GPAL: 1

Prerequisite: Geometry, Algebra II, Vet Med Applications, Practicum of Agriculture; or concurrent enrollment in Health Science/Theory or Health Science Practicum

PEIMS MTHMEDPR 13020970

Please see the Health Science cluster of Career and Technical Education for course information. **This course may satisfy a fourth math credit.**

### ***College Pre-Calculus (MATH 2412) Dual Credit***

Recommended Grade Placement: 11-12

ROHS Number: D31492

Credit: 0.5

GPAL: 3

Prerequisite: MATH 1314 or meeting college algebra standard on the TSI exam or equivalent exam

PEIMS MTHMEDPR 13020970

In Math 2412, students will study algebra, trigonometry, and other topics for calculus readiness. **Please see page 13 for more information on dual credit.**

### ***Robotics 2***

Recommended Grade Placement: 11-12

ROHS Number: 373180

Credit: 1

GPAL: 1

Prerequisite: Robotics 1

PEIMS ROBOTIC2 13037050

Students will continue adding to their robotics knowledge by exploring artificial intelligence and programming in the robotic and automation industry. Through the design process students will use academic skills in component designs. In this project-based learning environment, prototypes will be built and tested using software. **This course may satisfy a third math credit, but will not fulfill the 4th math requirement towards an endorsement.**

## Science

### ***Biology\****

Recommended Grade Placement: 9

ROHS Number: 33113

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS BIO 03010200

In Biology, students will 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. **\*The state requires an EOC assessment at the end of this course.**

### ***Biology Honors\****

Recommended Grade Placement: 9

ROHS Number: 33116

Credit: 1

GPAL: 2

Prerequisite: Recommended Meets or Masters on the 8th grade STAAR

PEIMS BIO H 03010200

Biology Honors moves at a faster pace, incorporates a deeper conceptual understanding, and prepares students for future success in AP science courses. **\*The state requires an EOC assessment at the end of this course.**

### ***Integrated Physics and Chemistry***

Recommended Grade Placement: 10

ROHS Number: 33114

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS IPC 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. **IPC must be taken prior to Chemistry and Physics in order to count for the Recommended High School Program.**

### ***Chemistry***

Recommended Grade Placement: 10-12

ROHS Number: 33123

Credit: 1

GPAL: 1

Prerequisite: Biology, Algebra I

PEIMS CHEM 03040000

In Chemistry, 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.

## ***Chemistry Honors***

Recommended Grade Placement: 10

ROHS Number: 33126

Credit: 1

GPAL: 2

Prerequisite: Biology, Algebra 1 recommended score meets or masters the ALGI EOC

PEIMS CHEM H 03040000

Chemistry Honors moves at a faster pace, incorporates a deeper conceptual understanding, and prepares students for future success in AP science courses.

## ***Physics***

Recommended Grade Placement: 9-12

ROHS Number: 33133

Credit: 1

GPAL: 1

Prerequisite: Algebra I is suggested as a prerequisite or co-requisite

PEIMS PHYSICS 03050000

In Physics, students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics.

## ***AP Physics 1 (Algebra-Based)***

Recommended Grade Placement: 10-12

ROHS Number: 33142

Credit: 1

GPAL: 3

Prerequisite: Students should have completed Geometry and be concurrently taking Algebra II or an equivalent course

PEIMS PHYSICS A3050003

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. **Students are expected to take the Advanced Placement exam.**

## ***AP Physics 2 (Algebra-Based)***

Recommended Grade Placement: 11-12

ROHS Number: 33143

Credit: 1

GPAL: 3

Prerequisite: AP Physics 1

PEIMS AP PHYSICS 2 A3050004

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore 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. AP Physics 2 is a full-year course that is the equivalent of a second-semester introductory college course in algebra-based physics. **Students are expected to take the Advanced Placement exam.**

### ***AP Physics C: Mechanics***

Recommended Grade Placement: 12

ROHS Number: 33139

Credit: 1

GPAL: 3

Prerequisite: Students should have taken or be concurrently taking calculus, and a prior physics course is recommended

PEIMS AP PHYSICS C A3050006

AP Physics C: Mechanics is a calculus-based, college-level physics course. It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. **Students are expected to take the Advanced Placement exam.**

### ***AP Biology***

Recommended Grade Placement: 11-12

ROHS Number: 33118

Credit: 1

GPAL: 3

Prerequisite: Students should have successfully completed high school courses in biology and chemistry

PEIMS AP BIO A3010200

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. **Students are expected to take the Advanced Placement exam.**

### ***AP Chemistry***

Recommended Grade Placement: 11-12

ROHS Number: 33128

Credit: 1

GPAL: 3

Prerequisite: Students should have successfully completed a general high school chemistry course and Algebra II

PEIMS AP CHEM A3040000

The AP Chemistry course 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. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. **Students are expected to take the Advanced Placement exam.**

### ***Principles of Technology***

Recommended Grade Placement: 11-12

ROHS Number: 999167

Credit: 1

GPAL: 1

Prerequisite: Biology, Algebra 1

PEIMS PRINTECHI 13037100

In Principles of Technology, students will use a hands-on approach to study mechanical, fluid, thermal, and electrical systems emphasizing problem solving, teamwork, real life applications and work related concepts and skills. This course utilizes tools and equipment found in technology jobs today.

### ***Environmental Systems***

Recommended Grade Placement: 11-12

ROHS Number: 33110

Credit: 1

GPAL: 1

Prerequisite: Biology (required) and one additional physical science credit (recommended)

PEIMS ENVIRSYS 03020000

In Environmental Systems, students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments.

### ***Anatomy and Physiology***

Recommended Grade Placement: 11-12

ROHS Number: 33134

Credit: 1

GPAL: 1

Prerequisite: Biology, Chemistry or IPC. If used for Health Science endorsement, Medical Terminology and Medical Microbiology are coherent sequence prerequisites

PEIMS PHYS/ANT 13020600

Anatomy and Physiology is a course geared to those students with an interest in medical, dental, or other health care careers. It includes an in-depth study of the human body's organ systems. The second semester focuses on practical application of anatomical knowledge through lab experiences that include detailed dissection. This course is extremely helpful for students who are considering a health-related career.

### ***Medical Microbiology***

Recommended Grade Placement: 10-12

ROHS Number: 33136

Credit: 1

GPAL: 1

Prerequisite: Biology, completion of or concurrent enrollment in Chemistry.

PEIMS MED MICROBIO13020700

In Medical Microbiology, students will study a variety of topics that include the relationship between microbes and health maintenance and the role of microbes in infectious disease. Microbial organisms will be identified to assist in the understanding of specific diseases and treatment options. Proper laboratory and sterile technique will be emphasized in this lab-oriented course. Students will learn how to culture bacteria and identify unknown bacteria through various lab techniques. This course is highly recommended for students seeking a health career. Students must take this course in combination with Pathophysiology to count toward the Recommended High School Program.

### ***Pathophysiology***

Recommended Grade Placement: 10-12

ROHS Number: 33137

Credit: 1

GPAL: 1

Prerequisite: Biology, Chemistry (or concurrent enrollment in Chemistry)

PEIMS PATHOPHY 13020800

In Pathophysiology, students will examine a variety of topics that include the study of the disturbance of normal mechanical, physical, and biochemical functions, either caused by a disease, or resulting from a disease or abnormal

syndrome or condition that may not qualify to be called a disease. This course is highly recommended for students seeking a health career.

### ***Forensic Science***

Recommended Grade Placement: 11-12

ROHS Number: 999261

Credit: 1

GPAL: 1

Prerequisite: Required: Biology and Chemistry; Recommended: Principles of Law, Public Safety, Corrections, and Security; and Law Enforcement I

PEIMS FORENSCI 13029500

In Forensic Science, students learn a structured and scientific approach to the investigation of crimes. This CTE course may also count as a student's fourth science credit for completion of selected endorsements.

### ***AP Environmental Science***

Recommended Grade Placement: 11-12

ROHS Number: 33127

Credit: 1

GPAL: 3

Prerequisite: Algebra I, Biology, and Chemistry

PEIMS AP ENVIR A3020000

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, yet there are several major unifying themes that cut across the many topics included in the study of environmental science. **Students are expected to take the Advanced Placement exam.**

### ***General Biology I - Dual Credit (Bio 1406)***

Recommended Grade Placement: 11-12

ROHS Number: D31131

Credit: 0.5 College Credit: 4

GPAL: 3

Prerequisite: Must meet eligibility for dual credit

PEIMS BIOLOGY1406 13037220

General Biology I is a survey course of contemporary biology for students majoring in the sciences. Topics emphasized will include the chemical basis of life, structure and function of cells energy transformations, molecular biology and genetics. **Please see page 13 for more information on dual credit.**

### ***General Biology II - Dual Credit (Bio 1407)***

Recommended Grade Placement: 11-12

ROHS Number: D31132

Credit: 0.5 College Credit: 4 hours

GPAL: 3

Prerequisite: Must meet eligibility for dual credit

PEIMS BIOLOGY1407 13037220

In General Biology II, the diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Laboratory activities will reinforce study of the diversity and classification of life, including animals, plants,

protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Recommended prerequisite: Successful completion of College Algebra or concurrent enrollment in higher-level mathematics is recommended. **Please see page 13 for more information on dual credit.**

### ***Anatomy and Physiology I - Dual Credit (Bio 2401)***

Recommended Grade Placement: 11-12

ROHS Number: D31341

Credit: 0.5      College Credit: 4 hours

GPAL: 3

Prerequisite: BIOL 1406, BIOL 1407 or equivalent are recommended; Must meet eligibility for dual credit

PEIMS BIOLOGY2401 13020600

In Anatomy and Physiology I, human anatomy and physiology are studied using a body systems approach, with emphasis on the relationships between form and function at the gross and microscopic levels. Topics include anatomical and directional terminology, cell and cell chemistry, tissues, integument system, skeletal system, articulations, muscular system, and nervous system. Laboratory work includes physiological and anatomical studies of mammals. **Please see page 13 for more information on dual credit.**

### ***Anatomy and Physiology II - Dual Credit (Bio 2402)***

Recommended Grade Placement: 11-12

ROHS Number: D31342

Credit: 0.5      College Credit: 4 hours

GPAL: 3

Prerequisite: BIOL 1406, BIOL 1407 or equivalent are recommended. BIOL 2401; Must meet eligibility for dual credit

PEIMS BIOLOGY2402 13020600

In Anatomy and Physiology II, topics include the endocrine system, cardiovascular system, respiratory system, lymphatic system, digestive system, urinary system, fluids and electrolytes, reproductive system, development, and genetics. Laboratory work includes physiological and anatomical studies of mammals. **Please see page 13 for more information on dual credit.**

## Social Studies

### ***AP Human Geography (World Geography)***

Recommended Grade Placement: 9-12

ROHS Number: 34149

Credit: 1

GPAL: 3

Prerequisite: Recommended that students are able to read college-level texts and write well

PEIMS APHUMGEOW A3360100

AP Human Geography (World Geography) 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). The AP Human Geography course is equivalent to an introductory college-level course in human geography. **Students are expected to take the Advanced Placement exam.**

### ***World Geography***

Recommended Grade Placement: 9

ROHS Number: 34113

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS WGEO 03320100

World Geography examines people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. The course centers on the physical processes that shape patterns in human-environment interaction. Students use this knowledge to analyze how spatial location affects the economic, political, social and environmental systems of a region. Students also use historical and current events to shape their thinking and use problem-solving and decision making skills to ask and answer geographic questions.

### ***World Geography Honors***

Recommended Grade Placement: 9

ROHS Number: 34114

Credit: 1

GPAL: 2

Prerequisite: Recommend Meets or Masters on 8th grade STAAR reading

PEIMS WGEO H 03320100

World Geography Honors offers an increased rigor at a faster pace while still incorporating the same World Geography curriculum. It also centers on using and applying College Readiness Skills to prepare for success in future AP courses.

### ***World History***

Recommended Grade Placement: 10

ROHS Number: 34133

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS WHIST 03340400

World History 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. Students use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

### ***AP World History***

Recommended Grade Placement: 10

ROHS Number: 34137

Credit: 1

GPAL: 3

Prerequisite: Recommended that students are able to read college-level texts and write well

PEIMS APWHIST A3370100

AP World History allows students the opportunity to investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **Students are expected to take the Advanced Placement exam.**

### ***United States History\****

Recommended Grade Placement: 11

ROHS Number: 34123

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS USHIST 03340100

United States History is the study of the history of the United States from 1877 to the present. The course is based on the founding documents of the U.S. government, which provide a framework for its heritage. This course also emphasizes domestic and foreign affairs, industrialization, westward movement, social and cultural development, and recognizing democratic principles and beliefs while exploring the role of the United States in World War I, World War II, and Vietnam. 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. **\*The state requires an EOC assessment at the end of this course.**

### ***AP United States History\****

Recommended Grade Placement: 11-12

ROHS Number: 34148

Credit: 1

GPAL: 3

Prerequisite: Recommended that students are able to read college-level texts and write well.

PEIMS APUSHIST A3340100

AP US History requires students to 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. **\*The state requires an EOC assessment at the end of this course, and students are expected to take the Advanced Placement Exam.**

### ***American History - Dual Credit (Hist 1301)***

Recommended Grade Placement: 11-12

ROHS Number: D41231

Credit: 0.5 College Credit: 3 hours

GPAL: 3

Prerequisite: Must meet eligibility for dual credit

PEIMS HIST1301 D3340100

American History (DC History 1301) is a survey of political, social, economic, military, cultural and intellectual history of the United States from the discovery of America to 1817. Emphasis is placed on major developments such as the establishment of the Federal Republic, westward movement, the growth of democracy, sectionalism and Civil War. **Please see page 13 for more information on dual credit.**

### ***American History - Dual Credit (Hist 1302)***

Recommended Grade Placement: 11-12

ROHS Number: D41232

Credit: 0.5 College Credit: 3 hours

GPAL: 3

Prerequisite: Must meet eligibility for dual credit

PEIMS HIST1302 D3340100

American History (DC History 1302) is a continuation of 1301. Emphasis is given to reconstruction, transition from agrarianism to industrialization and emergence of America as a world power. (Reconstruction is also part of 1301. 1302 starts in 1877.) **Please see page 13 for more information on dual credit.**

### ***United States Government***

Recommended Grade Placement: 12

ROHS Number: 4143

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS GOVT 03330100

United States Government focuses 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 will learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. The course is designed to promote an increased understanding of the institutions of constitutional democracy and stresses student participation and responsibility.

### ***AP United States Government***

Recommended Grade Placement: 12

ROHS Number: 4243

Credit: 0.5

GPAL: 3

Prerequisite: Recommended that students are able to read college-level texts and write well

PEIMS APUSGOVT A3330100

AP U.S. Government and Politics 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 U.S. 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. They will also engage in disciplinary practices that require 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. **Students are expected to take the Advanced Placement exam.**

### ***American National Government - Dual Credit (Govt 2305)***

Recommended Grade Placement: 12

ROHS Number: D4143

Credit: 0.5\*

GPAL: 3\*\*

Prerequisite: Must meet eligibility for dual credit

PEIMS GOVT2305 D3330100

American National Government (DC Govt 2305) is a study of organizations, functions, and nature of the national government. Emphasis is placed on rights, privileges, and obligations of citizenship, as set forth by the Constitution, by statutory law of national Congress, and by judicial interpretation. Students will examine such topics as power, authority, structure of political institutions, constitutions, as well as impact of technology on government and society. Behavioral objectives emphasize involvement of students and instructors in the learning process. **Please see page 13 for more information on dual credit.**

### ***Texas Government - Dual Credit (Govt 2306)***

Recommended Grade Placement: 12

ROHS Number: D4144

Credit: 0.5\*

GPAL: 3\*\*

Prerequisite: Must meet eligibility for dual credit and have college sophomore standing or prior college approval

PEIMS TXGOVT2306 D3380002

Texas Government (DC Govt 2306) is a study of the origin and development of the Texas constitution, structure and powers of state and local government, federalism and intergovernmental relations, political participation, the election process, public policy, and the political culture of Texas. **Please see page 13 for more information on dual credit.**

### ***Economics***

Recommended Grade Placement: 12

ROHS Number: 4444

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS ECO-FE 03310300

Economics introduces students to those principles essential to an understanding of the fundamental economic problems and the choices available for dealing with economic decision-making. It gives students an insight into the workings of the American free enterprise system, American business, Wall Street, money and banking, government revenue and taxation, unemployment, and other components needed for application in their everyday lives.

### ***AP Macroeconomics***

Recommended Grade Placement: 12

ROHS Number: 4544

Credit: 0.5

GPAL: 3

Prerequisite: Recommended that students are able to read college-level texts and write well

PEIMS APMACROECO A3310200

AP Macroeconomics is a college-level course that 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. **Students are expected to take the Advanced Placement exam.**

### ***Principles of Economics (Macroeconomic Theory) -***

Dual Credit (Econ 2301)

Recommended Grade Placement: 11-12

ROHS Number: D4444

Credit: 0.5\*

GPAL: 3\*\*

Prerequisite: Must meet eligibility for dual credit

PEIMS ECO-FE D3310300

Principles of Economics (DC Econ 2301) requires students to focus on the analysis of the economy as a whole, national income, money and banking and monetary policy, public finance and fiscal policy, economic stabilization policies and growth, and related current economic problems. **Please see page 13 for more information on dual credit.**

## ***Psychology***

Recommended Grade Placement: 11-12

ROHS Number: 34141

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS PSYCH 03350100

Psychology aims to educate students on individual human behavior and development with the goal of enabling them to better cope with day-to-day pressures and problems. Basic principles of human behavior will be studied with emphasis on theories of human behavior, terminology, development of the personality, and abnormal behavior. Special topics will include environmental and hereditary influences on personality development, the components of the personality, personality defects, the nervous system, and motivation.

## ***AP Psychology***

Recommended Grade Placement: 11-12

ROHS Number: 34144

Credit: 0.5

GPAL: 3

Prerequisite: Recommended that students are able to read college-level texts and write well

PEIMS APPSYCH A3350100

AP Psychology introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. **Students are expected to take the Advanced Placement exam.**

## ***Social Studies Advanced Studies***

Recommended Grade Placement: 11-12

ROHS Number: 34145

Credit: 0.5

GPAL: 3

Prerequisite: AP Psychology

PEIMS SSADV1 033800001

Social Studies Advanced Studies is offered as a 2nd semester companion to AP Psychology. Students will continue their study of human behavior and mental processes by analyzing current research and applying scientific methodology. This course will prepare students to take the AP Psychology examination. **Students are expected to take the Advanced Placement exam.**

## ***Sociology***

Recommended Grade Placement: 11-12

ROHS Number: 34142

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS SOC 03370100

Sociology is the study of people and their interaction with one another. The processes of socialization are explained and are compared with other cultures. Students analyze cause and effects of social problems as well as cultural

change in selected cultures. It involves learning about institutions found in all societies, such as the family community organizations as well as political and social activities.

***Sociology - Dual Credit (SOCI 1301)***

Recommended Grade Placement: 10-12

ROHS Number: DS1301

Credit: 0.5\*

GPAL: 2

Prerequisite: Must meet eligibility for dual credit

PEIMS SOC1301 D3370100

Sociology (DC SOCI 1301) includes the scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. **Please see page 13 for more information on dual credit.**

***Personal Financial Literacy***

Recommended Grade Placement: 10-12

ROHS Number: 32100

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS PFL 03380082

Personal Financial Literacy is an elective course that includes financial literacy instruction, including instruction in methods of paying for college and other postsecondary education and training.

## Languages Other Than English (LOTE)

### ***French I***

Recommended Grade Placement: 9-12

ROHS Number: 35820

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS FRENCH 1 03410100

French I is an oral approach used to develop concurrently the skills of speaking, understanding, reading, and writing French. The main emphasis is developing speaking skills, grammar, and vocabulary. Students also study the geography of France, as well as the customs and daily lifestyles of the people in this country.

### ***French I Honors***

Recommended Grade Placement: 9-12

ROHS Number: 35821

Credit: 1

GPAL: 2

Prerequisite: None

PEIMS FREN I H 03410100

French I Honors offers increased rigor at a faster pace while still incorporating the same French I curriculum. Students are expected to expand skills to the intermediate or high-intermediate level.

### ***French II***

Recommended Grade Placement: 10-12

ROHS Number: 35822

Credit: 1

GPAL: 2

Prerequisite: French I

PEIMS French 2 03410200

French II is a continuation of French I. Students study advanced grammar with a growing emphasis on reading and writing in the target language. There is also a greater focus on listening to and speaking French. Students receive a more in-depth study of cities and provinces throughout France and Canada through both text and video resources.

### ***French II Honors***

Recommended Grade Placement: 10-12

ROHS Number: 35823

Credit: 1

GPAL: 2

Prerequisite: French I

PEIMS FREN II H 03410200

French II Honors offers increased rigor at a faster pace while still incorporating the same French II curriculum. Students are expected to expand skills to the intermediate or high-intermediate level.

### ***French III Honors***

Recommended Grade Placement: 11-12

ROHS Number: 35825

Credit: 1

GPAL: 2

Prerequisite: French II

PEIMS FREN III H 03410300

French III Honors offers language proficiency along with cultural awareness while reviewing and broadening their foundation in grammar through an in-depth study of readings and literary works by well-known French authors. Students will also become more proficient in the use of French through a total immersion program involving advanced listening and speaking skills. Students will frequently use native speaker resources to expand and further advance skills

### ***AP French IV***

Recommended Grade Placement: 12

ROHS Number: 35826

Credit: 1

GPAL: 3

Prerequisite: French III

PEIMS AP FRENCH IV A3410100

AP French IV is a college level course which places a strong emphasis on reviewing, reinforcing, and polishing grammatical, listening, speaking, reading, and writing skills. The majority of the course will be conducted in French. Communication and cultural knowledge are investigated. Connections to other disciplines are encouraged, particularly history, literature, and art. **Students are expected to take the Advanced Placement exam.**

### ***Spanish I***

Recommended Grade Placement: 8-12

ROHS Number: 35830

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS SPANISH 1 03440100

Spanish I is an introduction to the Spanish language. Emphasis is placed on acquiring basic listening, writing, reading, and speaking skills. Students become actively involved in the appreciation of the culture, customs, and geography of Hispanic countries. Basic grammar, present, regular preterit, and substitute future tenses are studied.

### ***Spanish I Honors***

Recommended Grade Placement: 9-12

ROHS Number: 35831

Credit: 1

GPAL: 2

Prerequisite: None

PEIMS SPAN I H 03440100

Spanish I Honors offers increased rigor at a faster pace while still incorporating the same Spanish I curriculum. Students are expected to expand skills to the intermediate or high-intermediate level.

## ***Spanish II***

Recommended Grade Placement: 9-12

ROHS Number: 35832

Credit: 1

GPAL: 1

Prerequisite: Spanish I

PEIMS SPANISH 2 03440200

Spanish II improves the listening, speaking, and writing skills begun in Spanish I. It provides a closer look at the culture and customs of Spanish-speaking countries, while continuing to study grammar. Students also study some of the most popular Spanish artists.

## ***Spanish II Honors***

Recommended Grade Placement: 9-12

ROHS Number: 35833

Credit: 1

GPAL: 2

Prerequisite: Spanish I

PEIMS SPAN II H 03440200

Spanish II Honors offers increased rigor at a faster pace while still incorporating the same Spanish II curriculum. Students are expected to expand skills to the intermediate or high-intermediate level.

## ***Spanish III***

Recommended Grade Placement: 10-12

ROHS Number: 35835

Credit: 1

GPAL: 2

Prerequisite: Spanish II

PEIMS SPANISH 3 03440300

Spanish III refines the listening, speaking, and writing skills begun in Spanish II. Students are becoming more literate by creating a writing style through the usage of a variety of grammar, vocabulary, and reading. Students read a variety of genres including poetry, essays, short stories, non-fiction, and fiction. Instruction is conducted in English. Class practice is conducted in Spanish. Please note: The student is responsible for summer reading and/or writing assignments.

## ***Spanish IV***

Recommended Grade Placement: 11-12

ROHS Number: 35836

Credit: 1

GPAL: 1

Prerequisite: Spanish III

PEIMS SPANISH 4 03440400

Spanish VI is designed to further develop listening, reading, and writing skills. An in-depth culture study through the reading and discussion of actual Hispanic newspapers and magazine articles, poetry, and short stories is included. A unit stressing communication in a variety of everyday situations and professional experiences is also included. There is more in-depth study of Spanish artists. The majority of this course will be conducted in Spanish.

### ***AP Spanish IV***

Recommended Grade Placement: 11-12

ROHS Number: 35837

Credit: 1

GPAL: 3

Prerequisite: Spanish III

PEIMS AP SPANISH 4 A3440100

AP Spanish IV is a college level course which places a strong emphasis on reviewing, reinforcing, and polishing grammatical, listening, speaking, reading, and writing skill. The majority of the course will be conducted in Spanish. Communication and cultural knowledge are investigated. Connections to other disciplines are encouraged, particularly history, literature, and art. **Students are expected to take the Advanced Placement exam.**

### ***AP Spanish V***

Recommended Grade Placement: 12

ROHS Number: 35838

Credit: 1

GPAL: 3

Prerequisite: AP Spanish IV

PEIMS AP SPANISH 5 A3440200

AP Spanish V is a college level course which requires students to take previously acquired vocabulary and grammatical skills and use them in simulated, real-life situations. In addition, students will increase their knowledge of Spanish grammar and vocabulary through reading, writing, speaking and listening activities that correspond to short stories and/or poems that are read throughout the year. The majority of this courses is conducted in Spanish. Upon completion of the course, students will use the language in a variety of settings and encounters with native Spanish speakers. **Students are expected to take the Advanced Placement exam.**

### ***Spanish for Native Speakers I***

Recommended Grade Placement: 9-12

ROHS Number: 35810

Credit: 1

GPAL: 1

Prerequisite: Department Selection Process

PEIMS NATIVE SPKRS 103440110

Spanish for Native Speakers I is designed for students who have oral production and comprehension skills as native Spanish speakers. Students will earn a Spanish credit through an accelerated approach. By compacting the curriculum, students will earn two credits in one year. Instruction will emphasize reading, writing, and higher order thinking skills.

### ***Spanish for Native Speakers II***

Recommended Grade Placement: 9-12

ROHS Number: 35811

Credit: 1

GPAL: 1

Prerequisite: Department Selection Process

PEIMS NATIVE SPKRS 203400220

Spanish for Native Speakers II is designed for students who have oral production and comprehension skills as native Spanish speakers. Students will earn a Spanish credit through an accelerated approach. By compacting the curriculum, students will earn two credits in one year. Instruction will emphasize reading, writing, and higher order thinking skills.

### ***American Sign Language I***

Recommended Grade Placement: 11-12

ROHS Number: 35850

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS ASL 1 03980100

American Sign Language I is designed for students to use communication skills in American Sign Language including receptive, expressive, and interactive signing. The history and applications of the language will also be studied.

### ***American Sign Language II***

Recommended Grade Placement: 11-12

ROHS Number: 35851

Credit: 1

GPAL: 1

Prerequisite: ASL I

PEIMS ASL 2 03980200

American Sign Language II will build on communication skills in American Sign Language including receptive, expressive, and interactive signing. The history and applications of the language will also be studied.

### ***American Sign Language III***

Recommended Grade Placement: 11-12

ROHS Number: 35852

Credit: 1

GPAL: 1

Prerequisite: ASL II

PEIMS ASL 3 03980300

American Sign Language III will refine and expand communication skills in American Sign Language including receptive, expressive, and interactive signing. The history and applications of the language will also be studied.

## Advanced Placement Capstone Program

### ***AP Seminar***

Recommended Grade Placement: 10-12

ROHS Number: 999311

Credit: 1

GPAL: 3

Prerequisite: Advanced course work

PEIMS APSMNR N1130026

AP Capstone™ is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP® courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts Dual Credit, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

### ***AP Research***

Recommended Grade Placement: 11-12

ROHS Number: 999312

Credit: 1

GPAL: 3

Prerequisite: AP Seminar

PEIMS APRES N1100014

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

## Community and Campus Service

### ***Peer Coaching 1 or 2***

Recommended Grade Placement: 11-12

ROHS Number: 999095/96

Credit: 1

GPAL: 1

Prerequisite: Admin. decision. PC 1 is a prerequisite for PC 2

PEIMS PEERCOACH1/2 N1290203/4

This course is designed to promote an inclusive school culture for at-risk and special education inclusion students. After receiving training in confidentiality, peer coaches will assist general and special education teachers in developing innovative ways to impact student learning. Through grouping and pairing with struggling students, the ultimate goal of the peer coach is to motivate fellow peers to reach higher goals. Additional responsibilities will be given to the Peer Coach II by general and special education teachers to develop innovative ways to impact student learning.

### ***Teen Leadership***

Recommended Grade Placement: 10-12

ROHS Number: 999100

Credit: 1

GPAL: 1

Prerequisite: Administrative decision

PEIMS TEEN LEADERSHIP N1290012

The Student Leadership course is designed to meet a variety of student needs on a secondary school campus. These include the need to introduce all students to the concepts of leadership and citizenship, the need to provide an opportunity to explore and implement service learning, and the specific project planning and implementation needs of a student council. The curriculum teaches students to set and realize goals, communicate well, work cooperatively within a team, take responsibility for themselves and others and to understand the importance of community.

### ***Academic Enrichment***

Recommended Grade Placement: 11-12

ROHS Number: 999188

Credit: L

GPAL: P/F

Prerequisite: None

PEIMS ACADENRICHMENT None

This course allows students an opportunity to work on either enrichment or assigned coursework.

### ***Campus Ambassador***

Recommended Grade Placement: 10-12

ROHS Number: 10100

Credit: 1

GPAL: P/F

Prerequisite: Administrative decision

PEIMS AMBASSADORS 85000COA

In addition to providing campus tours as necessary, students are responsible for completing tasks as assigned by campus office staff.

***Counselor Aide***

Recommended Grade Placement: 11-12

ROHS Number: 30100

Credit: 1

GPAL: P/F

Prerequisite: None

PEIMS COUNSELORAIDE 8500COA

In addition to providing campus tours as necessary, students are responsible for completing tasks as assigned by counseling staff.

***Library Aide***

Recommended Grade Placement: 11-12

ROHS Number: 20100

Credit: L

GPAL: P/F

Prerequisite: Administrative decision

PEIMS LIBRARYAIDE 8500COA

In addition to providing campus tours as necessary, students are responsible for completing tasks as assigned by library staff.

***Teacher Aide***

Recommended Grade Placement: 11-12

ROHS Number: 3000

Credit: L

GPAL: P/F

Prerequisite: Administrative decision

PEIMS TEACHERAIDE 8500COA

Support assigned teachers with preparation or support projects. Provide campus tours or support as requested.

## Course Offerings: Career and Technology Education

### Agriculture, Food, and Natural Resources

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Animal Science</b>	Principles of Agriculture, Food, & Natural Resources (1)	Small Animal Management (0.5) AND Livestock Production (1)	Veterinary Medical Applications with lab* (2)  OR General Employability Skills (1)	Practicum of Agriculture, Food, & Natural Resources* (2)	Certified Veterinary Assistant
<b>Applied Agricultural Engineering</b>	Introduction to Welding (1)	Agricultural Mechanics and Metal Technologies (1)	Agricultural Structures Design and Fabrication with lab* (2)  OR General Employability Skills (1)	Ag Equipment Design and Fabrication with lab* (2)	AWS D1.1 AWS D9.1

#### ***Principles of Agriculture, Food & Natural Resources:***

Animal Science

Recommended Grade Placement: 9-12

ROHS Number: 761110

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINAFNR 13000200

To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students interested in working with animals to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

### ***Small Animal Management***

Recommended Grade Placement: 10-12

ROHS Number: 7623

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS SMANIMGT 13000400

To prepare for careers in the field of animal science, students need to enhance academic knowledge and skills related to animal systems. This is an introductory course for students interested in learning about animal science by focusing on small mammals such as dogs and cats, amphibians, reptiles, and birds. Students will apply knowledge gained in a variety of settings.

### ***Livestock Production***

Recommended Grade Placement: 10-12

ROHS Number: 761610

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS LIVEPROD 13000300

Livestock Production will address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. Students will prepare for careers in the field of animal science, explore career opportunities and learn about entry requirements and industry expectations. Students will apply knowledge gained in a variety of settings.

### ***Veterinary Medical Applications with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 7625

Credit: 2

GPAL: 1

Prerequisite: Small Animal Management and Livestock Production

PEIMS VETMEDAP 13000610

This course provides training in proper animal handling and the application of medical, diagnostic, and therapeutic principles to small and large animals. Students begin preparation for the veterinary assistant field and prepare for the Certified Veterinary Assistant exam. This course must be taken concurrently with Agricultural Laboratory and Field Experience and utilizes two class periods.

### ***Practicum in Agriculture, Food, and Natural Resources:***

Vet Tech

Recommended Grade Placement: 11-12

ROHS Number: 7630

Credit: 2

GPAL: 1

Prerequisite: Veterinary Medical Applications; Minimum of 2 AFNR courses and General Employability Skills

PEIMS PRACAFNR1 13002500

This course includes technical instruction, on-the-job training, and work experience for high school students preparing to enter employment. Areas of focus include Certified Veterinary Assistant. This course must be taken concurrently with Agricultural Laboratory and Field Experience and utilizes one class period and one work-based period.

### ***Introduction to Welding***

Recommended Grade Placement: 9-12

ROHS Number: 373152

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS INTRWELD 13032250

Introductory course in welding where students will learn basic skills and technology required for employment in metal technology systems. Students will have work-based learning opportunities to apply knowledge and skills.

### ***Agricultural Mechanics and Metal Technologies***

Recommended Grade Placement: 10-12

ROHS Number: 761310

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS AGMECHMT 13002200

This course will develop in students an understanding of agricultural mechanics including safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. Students will also acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry, as well as entry requirements, industry certifications, and industry expectations.

### ***Agricultural Structures Design and Fabrication with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 761415

Credit: 2

GPAL: 1

Prerequisite: Agricultural Mechanics and Metal Technologies

PEIMS AGSDFLAB 13002310

To prepare for careers in agricultural structural and technical systems, students should attain academic skills and knowledge; acquire technical knowledge and career skills in agriculture facilities structures design and fabrication, along with construction skills, including welding. To prepare for success, students should have opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in a variety of settings. This course must be taken concurrently with Agricultural Laboratory and Field Experience and utilizes two class periods.

### ***Agricultural Equipment Design and Fabrication with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 761311

Credit: 2

GPAL: 1

Prerequisite: Agricultural Structures Design and Fabrication with Lab

PEIMS AGEQDF 13002360

To prepare for careers in the field of mechanics and metal technology, students need to enhance academic knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course must be taken concurrently with Agricultural Laboratory and Field Experience and utilizes two class periods.

### ***General Employability Skills***

Recommended Grade Placement: 9-12

ROHS Number: 761112

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS GEMPLS N1270153

This course will provide instruction in general employability skills. Employability skills are the skills and attitudes that allow employees to work alongside their co-workers, make important work-related decisions, and become strong members of the work team.

## Architecture and Construction

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Architectural Design</b>	Principles of Construction (1)	Architecture Design 1 * (1)	Architecture Design 2* (2)	Dual Credit Practicum in Architectural Design* (2)	Auto Cad Auto Revit
<b>Carpentry</b>	Principles of Construction (1)	Construction Technology 1 (2)	Dual Credit Practicum in Construction Technology* (2)	Dual Credit Practicum in Construction Technology* (2)	Construction Technology OSHA 30
<b>Electrical</b>	Principles of Construction (1)	Construction Technology 1 (2)	Electrical Technology 1 (1)	Dual Credit Practicum in Construction Technology (Electrical) 2* (2)	Electrical Apprenticeship

### **Architectural Design 1**

Recommended Grade Placement: 10-12

ROHS Number: 373171

Credit: 1

GPAL: 1

Prerequisite: Algebra 1 and English 1

PEIMS ARCHDSN1 13004600

In Architectural Design I, students gain knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Architectural design includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

### **Architectural Design 2**

Recommended Grade Placement: 11-12

ROHS Number: 373174

Credit: 2

GPAL: 1

Prerequisite: Architectural Design 1

PEIMS ARCHDSN2 13004700

In Architectural Design II, students gain advanced knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Advanced knowledge of the design, design history,

techniques, and tools used prepare students for more in-depth production of drawings, renderings, and scaled models for commercial or residential architectural purposes. This course utilizes two class periods.

### ***Dual Credit Practicum in Architectural Design***

Recommended Grade Placement: 12

ROHS Number: D37318/D37319

Credit: 2                      College Credit: 3

GPAL: 2

Prerequisite: Architectural Design 2; Must meet dual credit eligibility

PEIMS PRACADS2      13004800

In this course, more in-depth training is provided in the technical instruction part of architectural design. Safety and career opportunities are also included in addition to covering employability skills such as work ethic. This course must be taken concurrently with Extended Practicum in Architectural Design, is a dual credit course with TSTC and will meet on the technical college campus, and utilizes three class periods.

### ***Principles of Construction***

Recommended Grade Placement: 9-12

ROHS Number: 373178

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINCON      13004220

Students receive an introductory foundation of knowledge about the construction or craft skilled industry. A strong knowledge of construction safety, construction mathematics, and hand and power tools are areas of focus. Communication, career opportunities and job-related study in the classroom are included.

### ***Construction Technology 1***

Recommended Grade Placement: 9-12

ROHS Number: 373176

Credit: 2

GPAL: 1

Prerequisite: None

PEIMS CONTECH1      13005100

Construction Technology I provides students knowledge and skills in safety, tool usage, building materials, codes, and framing. Students learn to prepare for the work force as carpenters or building maintenance supervisors, or prepare for a postsecondary degree in construction management, architecture, or engineering. This course utilizes two class periods.

### ***Electrical Technology 1***

Recommended Grade Placement: 11-12

ROHS Number: D37405/D37406

Credit: 1                      College Credit: 6

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS ELECTECH1      13005600

Students will gain foundational knowledge and skills needed for careers as an electrician or a building maintenance supervisor. This knowledge will also prepare students for a post-secondary degree in a field of construction or to pursue an approved apprenticeship program. Learning will also encompass safety, electrical theory, tools, codes, and

installation of electrical equipment, the reading of electrical drawings and schematics, and specifications. This course is dual credit with TSTC and will meet on the technical college campus and utilizes three class periods.

### ***Dual Credit Practicum in Construction***

Technology (Electrical) 2

Recommended Grade Placement: 11-12

ROHS Number: D37407/D37408

Credit: 2                      College Credit: 6

GPAL: 2

Prerequisite: Dual Credit Electrical Technology 1; Must meet dual credit eligibility

PEIMS ELECTECH2      13005700

Students will gain advanced knowledge and skills needed for careers as an electrician, a building maintenance technician, or a supervisor. This knowledge will also prepare students for a post-secondary degree in a field of construction or to pursue an approved apprenticeship program. Additional learning will include alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation. This course is dual credit with TSTC and will meet on the technical college campus and utilizes three periods.

### ***Dual Credit Practicum in Construction Technology***

Recommended Grade Placement: 11-12

ROHS Number: D37401/D37402

Credit: 2                      College Credit: 6

GPAL: 2

Prerequisite: Construction Technology 1 or Electrical Technology 2; Must meet dual credit eligibility

PEIMS PRACCT1      13005250

Students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course must be taken concurrently with Extended Practicum in Construction Technology, is a dual credit course with TSTC and will meet on the technical college campus, and utilizes three class periods.

## Arts, Audio Visual Technology, and Communications

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Digital Communications</b>	Principals of Arts, A/V Technology, and Communications (1)	Audio Video Production 1 (1)	Audio Video Production 2 with lab* (2)	Practicum Audio Video Production* (2)	Adobe Photoshop Adobe Premiere Pro
<b>Non-Dual Credit Design &amp; Multimedia Arts</b>	Principals of Arts, A/V Technology, and Communications (1) OR Professional Communications (.5)	Graphic Design 1 (1) OR Animation 1 (1)	Graphic Design 2 with lab* (2)	Practicum Graphic Design * (2)	Adobe Photoshop Adobe Illustrator

### ***Principles of Arts, A/V Technology, and Communications***

Recommended Grade Placement: 9

ROHS Number: 999216

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINAAVTC 13008200

This course will introduce students to careers in the Arts, Audio/Video Technology and Communications career cluster. Students will develop an understanding of the multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those careers. It covers information related to animation, commercial photography, graphic design, and audio/video production. Primarily, the students will ultimately create a video but will also incorporate all of the other areas by creating promotional/advertising materials for their video.

### ***Audio Video Production 1***

Recommended Grade Placement: 9-12

ROHS Number: 999217

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS AVPROD 13008500

This course is designed to provide job-specific training for entry-level employment in movie, video, and television careers. Students study video technologies, basic equipment operation, video composition, basic lighting and audio

production planning, and visual storytelling. Students work individually and in groups to create video projects utilizing professional editing equipment and software. Ultimately, students will create a demo DVD of their work.

### ***Audio Video Production 2 with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 999218

Credit: 2

GPAL: 1

Prerequisite: Audio Video Production 1

PEIMS AVPLAB2 13008610

This course refines video and multimedia production skills to prepare the student for post-secondary education or entry-level employment in the media technology industry. This course must be taken concurrently with Audio Video Production II Lab and utilizes two class periods.

### ***Practicum in Audio Video Production***

Recommended Grade Placement: 11-12

ROHS Number: 999220

Credit: 2

GPAL: 1

Prerequisite: Audio Video Production 2

PEIMS PRACAVT 13008700

In this project-based production course, students gain advice from leaders in the film/video industry. Students will be responsible for the production of several programs and the senior class video. Seniors will work on producing their personal demo reel, which they will be able to utilize for acceptance to various colleges, trade schools, and internships. This course utilizes two class periods.

### ***Graphic Design and Illustration 1***

Recommended Grade Placement: 10-12

ROHS Number: 373191

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS GRAPHDI1 13008800

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

### ***Graphic Design and Illustration 2 with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 373192

Credit: 2

GPAL: 1

Prerequisite: Graphic Design and Illustration 1

PEIMS GRAPHDSN2 13008910

This advanced class will provide opportunities for students wanting to expand their skills and knowledge of the graphic arts and illustration field. Students will illustrate their designs and use the design process for presenting design ideas to clients. Students will create commercial artwork, ads, logos, poster and magazine designs, and packaging for 3D designs. Students will explore aspects of careers in the field of advertising and visual

communications. This course must be taken concurrently with Graphic Design & Illustration II Lab and utilizes two periods.

### ***Practicum in Graphic Design and Illustration***

Recommended Grade Placement: 11-12

ROHS Number: 373200

Credit: 2

GPAL: 1

Prerequisite: Graphic Design 2

PEIMS PRACGRAPHDSN 13009000

This course includes technical instruction, on-the-job training, and work experience for high school students preparing to enter employment. Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency in graphic design, illustration, and AV technologies. This course utilizes two class periods.

### ***Animation 1***

Recommended Grade Placement: 10-12

ROHS Number: 999489

Credit: 1

GPAL: 1

Prerequisite: Graphic Design 2

PEIMS ANIMAT1 13008300

The course will also build on the history and techniques of the animation industry. The student will gain a thorough knowledge about motion graphics. The opportunity to use this knowledge in developing technical skills in work-based projects will be a main focus.

### ***Professional Communications***

Recommended Grade Placement: 9-12

ROHS Number: 30313

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS PROFCOMM 13009900

Professional Communications blends written, oral, and graphic communication in a career-based environment. Students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

## Business, Marketing, and Finance

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Accounting and Financial Services</b>	BIM 1 (1)	Accounting 1 (1)	Securities and Investments (1)	Practicum in Business Management* (2)	QuickBooks
<b>Business Management</b>	BIM 1 (1)	BIM 2* (1)	Virtual Business (0.5) AND Global Business (0.5)	Practicum in Business Management* (2)	MOS Word MOS Excel MOS Word Expert MOS Excel Expert MOS Word Master
<b>Entrepreneurship</b>	BIM 1 (1)	Entrepreneurship 1 (1)	Entrepreneurship 2* (1)	Practicum in Business Management* (2)	x

### ***Business Information Management 1***

Recommended Grade Placement: 9-12

ROHS Number: 370311

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS BUSIM1 13011400

BUSIM1 develops technology skills with applications to personal or business situations focusing on word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies.

### ***Business Information Management 2***

Recommended Grade Placement: 10-12

ROHS Number: 370321

Credit: 1

GPAL: 1

Prerequisite: Business Information Management 1

PEIMS BUSIM2 13011500

BUSIM2 provides advanced technology skills required in the business environment. It includes workplace technology standards in applications of word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies.

### ***Virtual Business***

Recommended Grade Placement: 10-12

ROHS Number: 370310

Credit: 0.5

GPAL: 1

Prerequisite: None; Pair with Global Business

PEIMS VIRTBUS 13012000

Students will be introduced to practical business procedures using the internet or web-based sites; develops foundation for self-sufficiency in today's world; develops skills necessary for success in the workforce; and develops effective communications and information management.

### ***Global Business***

Recommended Grade Placement: 10-12

ROHS Number: 999231

Credit: 0.5

GPAL: 1

Prerequisite: None; Pair with Virtual Business

PEIMS GLOBBUS 13011800

Students will analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

### ***Accounting 1***

Recommended Grade Placement: 10-12

ROHS Number: 38155

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS ACCOUNT1 13016600

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students learn the process of recording and classifying accounting information and data.

### ***Securities and Investments***

Recommended Grade Placement: 10-12

ROHS Number: 999232

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS SECINV 13016400

Students will develop knowledge and skills in the area of planning services for financial and investment planning, banking, insurance, and business financial management. Students will also become familiar with the laws and regulations to manage business operations and transactions in the securities industry.

### ***Entrepreneurship 1***

Recommended Grade Placement: 10-12

ROHS Number: 37241

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS Entrepreneurship 1 13034400

Entrepreneurship provides knowledge and skills to students to become an entrepreneur. Students will learn the principles necessary to begin and operate a business through the understanding of analyzing a business opportunity, preparing a business plan, using research, and developing a plan to promote the business. Students will also gain knowledge about the capital required, the return on investment desired and the potential for profit.

### ***Entrepreneurship 2***

Recommended Grade Placement: 11-12

ROHS Number: 37242

Credit: 1

GPAL: 1

Prerequisite: Entrepreneurship 1

PEIMS ENTPRNR2 N1303423

This course will provide more in-depth training in becoming an entrepreneur. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

### ***Practicum in Business Management***

Recommended Grade Placement: 11-12

ROHS Number: 370323

Credit: 2

GPAL: 1

Prerequisite: Minimum of 2 Business Marketing Finance courses

PEIMS PRACBM 13012200

Further development is provided for students in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. These skills guide students in making appropriate business decisions in a cooperative learning environment. This course utilizes two class periods.

## Education and Training

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Public Service Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Teaching and Training</b>	Principles of Human Services (1)	Human Growth and Development (1)	Instructional Practices* (2)	Practicum in Education and Training* (2)	Educational Aide 1

### ***Principles of Human Services***

Recommended Grade Placement: 9-12

ROHS Number: 30090

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINHUSR 13024200

Students will investigate careers such as teaching, counseling and mental health, family and community, personal care, and consumer services. Students will be prepared for making responsible decision-making, setting goals, ethical and appropriate decisions in child development, and conflict resolution.

### ***Human Growth and Development***

Recommended Grade Placement: 10-12

ROHS Number: 30099

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS HUGRDEV 13014300

This course examines human development through all ages and stages with emphasis on common physical, cognitive, emotional, and social developmental milestones. The importance of family and human relationships and social interactions are also studied.

### ***Instructional Practices***

Recommended Grade Placement: 11-12

ROHS Number: 30101

Credit: 2

GPAL: 1

Prerequisite: Instructor Approval; Child Development

PEIMS INPRAC 13014400

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students.

Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers or other educational personnel. This course utilizes two class periods.

***Practicum in Education and Training***

Recommended Grade Placement: 12

ROHS Number: 30102

Credit: 2

GPAL: 1

Prerequisite: Instructor Approval; Instructional Practices

PEIMS PRACEDT1 13014500

A field-based internship that provides students in the course the opportunity to work under the direction and supervision of a teacher with knowledge of early childhood, middle childhood, and adolescence education. In a direct instructional role with elementary-, middle school-, and high school-aged students, students learn to plan and direct individualized instruction and group activities, prepare instructional materials, and complete other responsibilities of classroom teachers or other educational personnel. This class utilizes two class periods.

## Health Science

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Public Services Endorsement

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Health Diagnostics</b>	Medical Terminology (1)	Medical Microbiology* (1) AND Pathophysiology * (1)	Health Science Theory & Clinical* (2) AND Anatomy & Physiology* (1) AND/OR Mathematics for Medical Professionals* (1)	Practicum of Health Science* (2) AND Anatomy & Physiology* (1) AND/OR Mathematics for Medical Professionals* (1)	Phlebotomy Patient Care Technician ECG
<b>Healthcare Therapeutic</b>	Medical Terminology (1)	Medical Microbiology* (1)	Pharmacy 1* (1)	Pharmacology* (1)	Pharmacy Technician
<b>Dual Credit Health Informatics</b>	BIM 1 (1)	Dual Credit Medical Terminology* (1) AND Dual Credit Pathophysiology * (1) AND Dual Credit Health Informatics* (1)	Dual Credit Project Based Research* (1) AND Dual Credit Biology (Anatomy & Physiology)* (1)	Dual Credit Healthcare Information Systems and Management* (TBD) AND Dual Credit Project Based Research* (1)	Level 2 Certificate from TSTC

### **Medical Terminology**

Recommended Grade Placement: 9-12

ROHS Number: 4920

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS MEDTERM 13020300

This course is designed to introduce students to the structure of medical terms and word-building skills. Students identify proper use of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

### ***Medical Microbiology***

Recommended Grade Placement: 10-12

ROHS Number: 33136

Credit: 1

GPAL: 1

Prerequisite: Biology and completion of or concurrent enrollment in Chemistry

PEIMS MEDMICROBIO 13020700

Students will study a variety of topics that include the relationship between microbes and health maintenance and the role of microbes in infectious disease. Microbial organisms will be identified to assist in the understanding of specific diseases and treatment options. Proper laboratory and sterile technique will be emphasized in this lab-oriented course. Students will learn how to culture bacteria and identify unknown bacteria through various lab techniques. **This course is highly recommended for students seeking a health career. This course is eligible for satisfying SCIENCE graduation requirements only for students who entered high school in 2014-2015 or later.**

### ***Pathophysiology***

Recommended Grade Placement: 10-12

ROHS Number: 33137

Credit: 1

GPAL: 1

Prerequisite: Biology and completion of or concurrent enrollment in Chemistry

PEIMS PATHOPHY 13020800

Students will examine a variety of topics that include the study of the disturbance of normal mechanical, physical, and biochemical functions, either caused by a disease, or resulting from a disease or abnormal syndrome or condition that may not qualify to be called a disease. **This course is highly recommended for students seeking a health career. This course is eligible for satisfying SCIENCE graduation requirements only for students who entered high school in 2014-2015 or later.**

### ***Health Science Theory and Clinical***

Recommended Grade Placement: 11-12

ROHS Number: 4926

Credit: 2

GPAL: 1

Prerequisite: Biology; Medical Terminology

PEIMS HLTHSCILAB 13020410

This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers such as taking vital signs, body mechanics, and patient relationships, working environments, ethical and legal responsibilities. This course must be taken concurrently with Health Science Clinical and utilizes two class periods.

### ***Anatomy and Physiology***

Recommended Grade Placement: 10-12

ROHS Number: 33134

Credit: 1

GPAL: 1

Prerequisite: Biology and a second science credit

PEIMS ANTPHYS 13020600

Anatomy and Physiology is a course geared to those students with an interest in medical, dental, or other health care careers. It includes an in-depth study of the human body's organ systems. The second semester focuses on practical

application of anatomical knowledge through lab experiences that include detailed dissection. This course is extremely helpful for any students who are considering a health-related career. **This course is eligible for satisfying SCIENCE graduation requirements only for students who entered high school in 2014-2015 or later.**

### ***Mathematics for Medical Professionals***

Recommended Grade Placement: 11-12

ROHS Number: 4940

Credit: 1

GPAL: 1

Prerequisite: Geometry, Algebra II, Vet Med Applications, Practicum of Agriculture; or concurrent enrollment in Health Science/Theory or Health Science Practicum

PEIMS MTHMEDPR 13020970

Students will focus on fluency and solid understanding in medical mathematics to extend and apply statistics, probability, and finance for health science careers. Course content consists primarily of high school level mathematics concepts and their applications to health science professions. **This course is eligible for satisfying MATH graduation requirements only for students who entered high school in 2014-2015 or later.**

### ***Pharmacy 1***

Recommended Grade Placement: 10-12

ROHS Number: 4922

Credit: 1

GPAL: 1

Prerequisite: Medical Terminology

PEIMS PHARSCI N1302103

This course will provide a foundational knowledge and skills to students interested in careers in the pharmaceutical field of Health Science. This course will begin the preparation for the Pharmacy Technician Certification.

### ***Pharmacology***

Recommended Grade Placement: 11-12

ROHS Number: 4921

Credit: TBD

GPAL: 1

Prerequisite: Biology; Chemistry; Pharmacy 2

PEIMS PHARMC 13020950

Students will 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. Students will learn about the ever-changing information that health care workers need to care for patients.

### ***Practicum of Health Science***

Recommended Grade Placement: 11-12

ROHS Number: 4945

Credit: 2

GPAL: 1

Prerequisite: Biology; Health Science Theory and Clinical

PEIMS PRACHLSC 13020500

The Practicum is designed to give students practical application of previously studied knowledge and skills. Students will have the opportunity to continue their Health Science studies in a variety of settings including classroom and

various clinical experiences. Students are expected to pursue certifications and apply skills necessary to pursue a health science career through further education and employment. This course utilizes two class periods.

### ***Dual Credit Medical Terminology***

Recommended Grade Placement: 9-12

ROHS Number: D49201/D49202

Credit: 1                      College Credit: 3

GPAL: 1

Prerequisite: Must meet dual credit eligibility

PEIMS MEDTERM      13020300

This course is designed to introduce students to the structure of medical terms and word-building skills. Students identify proper use of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods.

### ***Dual Credit Pathophysiology***

Recommended Grade Placement: 9-12

ROHS Number: D33137/D33138

Credit: 1                      College Credit: 3

GPAL: 2

Prerequisite: Biology and completion of or concurrent enrollment in Chemistry; Must meet dual credit eligibility

PEIMS PATHOPHY      13020800

Students will examine a variety of topics that include the study of the disturbance of normal mechanical, physical, and biochemical functions, either caused by a disease, or resulting from a disease or abnormal syndrome or condition that may not qualify to be called a disease. This course is highly recommended for students seeking a health career. This course is eligible for satisfying SCIENCE graduation requirements only for students who entered high school in 2014-2015 or later. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods.

### ***Dual Credit Health Informatics***

Recommended Grade Placement: 9-12

ROHS Number: D49203/D49204

Credit: 1                      College Credit: 5

GPAL: 2

Prerequisite: Business and Information Management 1; Medical Terminology; Must meet dual credit eligibility

PEIMS HLTHINF 13020960

This course will provide knowledge between computer technologies and health care information technology. The need for patient care information has generated a demand for health care professionals who can design, develop, and use technologies in electronic medical records, patient monitoring systems, and digital libraries. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods.

### ***Dual Credit Project Based Research (1st Time Taken)***

Recommended Grade Placement: 11-12

ROHS Number: D99476/D99477

Credit: 1                      College Credit: Up to 8

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS PROSB1 12701500

Course for students research real-world problems in the health care industry. Students will use scientific methods of investigation to conduct in-depth research, attain academic success, and develop a better understanding of the skills needed for a career in the Health Informatics area. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods.

### ***Dual Credit Biology (Anatomy and Physiology)***

Recommended Grade Placement: 10-12

ROHS Number: D31341/D31342

Credit: 1                      College Credit: Up to 8

GPAL: 2

Prerequisite: Biology and a second science credit; Must meet dual credit eligibility

PEIMS ANTPHYS            13020600

Anatomy and Physiology is a course geared to those students with an interest in medical, dental, or other health care careers. It includes an in-depth study of the human body's organ systems. The second semester focuses on practical application of anatomical knowledge through lab experiences that include detailed dissection. This course is extremely helpful for any students who are considering a health-related career. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods. This course is eligible for satisfying SCIENCE graduation requirements only for students who entered high school in 2014-2015 or later.

### ***Dual Credit Healthcare Information Systems and Management***

Recommended Grade Placement: 11-12

ROHS Number: D49205/D49206

Credit: TBD                  College Credit: 6

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS TBD            TBD

This course will provide more in-depth training in the career field of Health Informatics. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods.

### ***Dual Credit Project Based Research (2nd Time Taken)***

Recommended Grade Placement: 11-12

ROHS Number: D99478/D99479

Credit: 1                      College Credit: 3

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS PROSB2 12701510

Course for students research real-world problems in the health care industry. Students will use scientific methods of investigation to conduct in-depth research, attain academic success, and develop a better understanding of the skills needed for a career in the Health Informatics area. This is a dual credit course with TSTC and will meet on the technical college campus and utilizes three class periods.



## Human Services

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Public Service Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Family and Community Services</b>	Principles of Human Services (1)	Interpersonal Studies* (.5)	Counseling & Mental Health (1) OR General Employability Skills (1)	Family & Community Services (1)	
<b>Cosmetology</b>	Introduction to Cosmetology* (1)	Principles of Cosmetology Design and Color Theory* (1)	Cosmetology 1 with lab* (3)	Cosmetology 2 with lab* (3)	Cosmetology Operators License

### ***Principles of Human Services***

Recommended Grade Placement: 9-12

ROHS Number: 30090

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINHUSR 13024200

Students will investigate careers such as teaching, counseling and mental health, family and community, personal care, and consumer services. Students will be prepared for making responsible decision-making, setting goals, ethical and appropriate decisions in child development, and conflict resolution.

### ***Interpersonal Studies***

Recommended Grade Placement: 9-12

ROHS Number: 752510

Credit: 0.5

GPAL: 1

Prerequisite: Pair with Lifetime Nutritional and Wellness

PEIMS INTERSTU 13024400

Students examine how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue future careers.

### ***Counseling and Mental Health***

Recommended Grade Placement: 11-12

ROHS Number: 999474

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS COUNSMH 13024600

Students will gain the knowledge and Skills necessary to pursue a career in the Human Services field such as counseling, teaching, and social worker. Students will use simulated environments to model ethical and legal responsibilities and knowledge reinforcing the professional integrity needed to work in the various careers in Human Services and Health Care.

### ***Introduction to Cosmetology***

Recommended Grade Placement: 9-10

ROHS Number: 37834

Credit: 1

GPAL: 1

Prerequisite: Obtain qualifying score on SP2 Safety Test

PEIMS INTRCOSMO 13025100

Fees for permit apply; see instructor for current rates. Students explore areas such as bacteriology, sterilization, and sanitation, hair styling, manicuring, shampooing, and the principles of hair cutting, hair styling, hair coloring, skin care and facial makeup. The student researches careers in the personal care service industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge and skills. Students may begin to earn clock hours toward state licensing requirements.

### ***Principles of Cosmetology Design and Color Theory***

Recommended Grade Placement: 9-12

ROHS Number: 37830

Credit: 1

GPAL: 1

Prerequisite: Introduction to Cosmetology; Obtain qualifying score on SP2 Safety Test

PEIMS PRICOSMO 13025050

Fees for materials apply; see instructor for current rates. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

### ***Cosmetology 1 with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 37831

Credit: 3

GPAL: 2

Prerequisite: Principles of Cosmetology; Obtain qualifying score on SP2 Safety Test

PEIMS CSMT1 13025210

Fees for materials kits apply; see instructor for rates. 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, haircare, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included. This course must be taken with Cosmetology I Lab, and utilizes three class periods.

### ***Cosmetology 2 with Lab***

Recommended Grade Placement: 12

ROHS Number: 37832

Credit: 3

GPAL: 2

Prerequisite: Cosmetology 1; Obtain qualifying score on SP2 Safety Test

PEIMS CSMT2 13025310

Fees for materials apply; see instructor for rates. Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, haircare, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems. This course must be taken with Cosmetology II Lab, and utilizes three class periods.

### ***Nail Care, Enhancements, and Spa Services***

Recommended Grade Placement: 10-12

ROHS Number: 37833

Credit: 2

GPAL: 1

Prerequisite: Department Selection

PEIMS NCESS N1302531

Students will gain academic, technical, and practical knowledge and skills for licensure as a Nail Technician or a related career avenue. Students will also be trained in professional standards, employability skills, TDLR rules and regulations, use of tools and equipment, and practical skills. Opportunities to extend learning experiences will be provided as possible through after school activities. This class will utilize two class periods.

## Information Technology

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Networking Systems</b>	Principles of Information Technology (1)	Computer Maintenance with lab* (2)	Networking with lab* (2)	Practicum in Information Technology* (2)	CompTia A+ MOS Technology Associate
<b>Web Development</b>	Principles of Information Technology (1)	Web Design (1)	Web Game Development* (1) OR General Employability Skills (1)	Practicum in Information Technology* (2)	Certified Web Design MOS Technology Associate

### ***Principles of Information Technology***

Recommended Grade Placement: 9-12

ROHS Number: 378350

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINIT 13027200

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

### ***Computer Maintenance with Lab***

Recommended Grade Placement: 10-12

ROHS Number: 378351

Credit: 2

GPAL: 2

Prerequisite: Principles of Information Technology

PEIMS COMNITLAB 13027310

Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. This course must be taken with Computer Maintenance Lab, and utilizes two class periods.

### ***Networking with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 37855

Credit: 2

GPAL: 2

Prerequisite: Principles of Information Technology; Computer Maintenance with Lab or Computer Science 1

PEIMS NETWRKLAB 13027410

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. This course must be taken with Networking Lab, and utilizes two class periods.

### ***Web Design***

Recommended Grade Placement: 9-12

ROHS Number: 999526

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS WEBDSN 03580820

Using the six strands of curriculum which include creativity and innovation, communications and collaboration, research and information fluency, critical thinking and problem solving, and decision making, digital citizenship, and technology operations and concepts, students will gain the foundational knowledge needed for web design.

### ***Web Game Development***

Recommended Grade Placement: 11-12

ROHS Number: 999524

Credit: 1

GPAL: 1

Prerequisite: Web Design

PEIMS WEBGMDSN 03580830

Using the six strands of curriculum which include creativity and innovation, communications and collaboration, research and information fluency, critical thinking and problem solving, and decision making, digital citizenship, and technology operations and concepts, students will gain the foundational knowledge for game design using a web based platform.

### ***General Employability Skills***

Recommended Grade Placement: 9-12

ROHS Number: 761112

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS GEMPLS N1270153

This course will provide instruction in general employability skills. Employability skills are the skills and attitudes that allow employees to work alongside their co-workers, make important work-related decisions, and become strong members of the work team.

### ***Practicum in Information Technology***

Recommended Grade Placement: 11-12

ROHS Number: 378506

Credit: 2

GPAL: 1

Prerequisite: Minimum of 2 IT courses

PEIMS EXPKIT1 13028000

Students gain advanced knowledge and skills in the area of computer principles and web design. The critical thinking, information technology experience, and product development may be conducted either in a classroom setting with an instructor, with an industry mentor, or both. This course utilizes two class periods.

## Law and Public Service

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Public Service Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Dual Credit Law Enforcement</b>	Principles of Law, Public Safety, Corrections, and Security (1)	Dual Credit Law Enforcement 1* (1)	Dual Credit Court Systems and Practices* (1) AND/OR Forensic Science* (1)	Dual Credit Practicum in Law, Public Safety, Corrections, and Security* (2) AND/OR Forensic Science* (1)	Emergency Telecommunicator
<b>Emergency Services</b>	Principles of Law, Public Safety, Corrections, and Security (1)	Medical Terminology (1)	Counseling & Mental Health (1)	Dual Credit Practicum in Law, Public Safety, Corrections, and Security* (2) (EMT Focus)	EMT-Basic FEMA Certification

### ***Principles of Law, Public Safety, Corrections, and Security***

Recommended Grade Placement: 9-12

ROHS Number: 999250

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRINLPCS 13029200

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire 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, security, and corrections.

### ***Dual Credit Law Enforcement 1***

Recommended Grade Placement: 10-12

ROHS Number: D99926/D99921

Credit: 1                      College Credit: 3

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS LAWEND1      13029300

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

### ***Dual Credit Court Systems and Practices***

Recommended Grade Placement: 11-12

ROHS Number: D99927/D99922

Credit: 1                      College Credit: 3

GPAL: 2

Prerequisite: Dual Credit Law Enforcement 1; Must met dual credit eligibility

PEIMS COURTSP      13029600

This course includes an overview of the federal and state court systems. Emphasis is placed on constitutional laws for criminal procedures, the roles of judicial officers, pretrial and trial processes and sentencing, and the types and rules of evidence.

### ***Forensic Science***

Recommended Grade Placement: 11-12

ROHS Number: 999261

Credit: 1

GPAL: 1

Prerequisite: Biology; Chemistry; Dual Credit Law Enforcement 1

PEIMS FORENSCI      13029500

Students in this course learn a structured and scientific approach to the investigation of crimes. This CTE course may also count as a student's 4th SCIENCE credit for completion of selected endorsements.

### ***Medical Terminology***

Recommended Grade Placement: 9-12

ROHS Number: 4920

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS MEDTERM      13020300

This course is designed to introduce students to the structure of medical terms and word-building skills. Students identify proper use of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

### ***Counseling and Mental Health***

Recommended Grade Placement: 11-12

ROHS Number: 999474

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS COUNSMH 13024600

Students will gain the knowledge and Skills necessary to pursue a career in the Human Services field such as counseling, teaching, and social worker. Students will use simulated environments to model ethical and legal responsibilities and knowledge reinforcing the professional integrity needed to work in the various careers in Human Services and Health Care.

### ***Dual Credit Practicum in Law, Public Safety, Corrections, and Security***

Recommended Grade Placement: 11-12

ROHS Number: D99132/D99134

Credit: 2                      College Credit: Up to 6

GPAL: 2

Prerequisite: Minimum of 2 LPSCS courses

PEIMS PRACLPS1 13030100

Using a focus on practical application of previously studied knowledge and skills in law, public safety, corrections and security, students are provided opportunities to participate in extended learning experiences such as job shadowing. Students will also prepare for and test for the Emergency Telecommunicator Certificate. Additionally, students in this class have the option to take an EMT class through Navarro College for dual credit to prepare for a career in emergency health care or firefighting. All costs for this course are the students' responsibility. This course utilizes two class periods.

## Manufacturing

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Advanced Manufacturing and Machinery Mechanics</b>	Principles of Applied Engineering (1)	Robotics 1 (1)	Robotics 2* (1) AND/OR Principles of Technology (1)	Engineering Design & Development* (1)	Auto Cad
<b>Welding</b>	Introduction to Welding (1)	Agricultural Mechanics and Metal Technologies (1)	Dual Credit Welding 1* (2)	Dual Credit Welding 2 with lab* (3)	AWS D1.1 AWS D9.1

### ***Principles of Applied Engineering***

Recommended Grade Placement: 9-10

ROHS Number: 373168

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PRAPPENG 13036200

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

### ***Robotics 1***

Recommended Grade Placement: 9-10

ROHS Number: 373172

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS ROBOTICS 13037000

Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

## ***Robotics 2***

Recommended Grade Placement: 11-12

ROHS Number: 373180

Credit: 1

GPAL: 1

Prerequisite: Robotics 1

PEIMS ROBOTIC2 13037050

Students will continue adding to their robotics knowledge by exploring artificial intelligence and programming in the robotic and automation industry. Through the design process students will use academic skills in component designs. In this project-based learning environment, prototypes will be built and tested using software. **This course may satisfy a third math credit, but will not fulfill the 4th math requirement towards an endorsement.**

## ***Principles of Technology***

Recommended Grade Placement: 11-12

ROHS Number: 999167

Credit: 1

GPAL: 1

Prerequisite: Biology; Chemistry; Principles of Applied Engineering or Introduction to Engineering

PEIMS PTI 1 13037100

This course is a hands-on approach to study mechanical, fluid, thermal, and electrical systems emphasizing problem solving, teamwork, real life applications and work related concepts and skills. This course utilizes tools and equipment found in technology jobs today. Principles of Technology meets the requirement for a technology applications credit. **This course is eligible for satisfying SCIENCE graduation requirements only for students who entered high school in 2014-2015 or later.**

## ***Engineering Design and Development***

Recommended Grade Placement: 11-12

ROHS Number: 999460

Credit: 1

GPAL: 3

Prerequisite: Algebra 1; Geometry

PEIMS ENGDPRS 13037300

This capstone course engages students in an open-ended engineering research course in which students design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process. **This course may satisfy a third science credit, but will not fulfill the 4th science requirement towards an endorsement.**

## ***Introduction to Welding***

Recommended Grade Placement: 10-12

ROHS Number: 373152

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS INTRWELD 13032250

Introductory course in welding where students will learn basic skills and technology required for employment in metal technology systems. Students will have work-based learning opportunities to apply knowledge and skills.

### ***Agricultural Mechanics and Metal Technologies***

Recommended Grade Placement: 9-12

ROHS Number: 761310

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS AGMECH 13002200

This course will develop in students an understanding of agricultural mechanics including safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. Students will also acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry, as well as entry requirements, industry certifications, and industry expectations.

### ***Dual Credit Welding 1***

Recommended Grade Placement: 11-12

ROHS Number: D37320/D37326/D37328

Credit: 2 College Credit: 10

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS WELD1 13032300

Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course is a dual credit with TSTC and will meet on the technical college campus, and utilizes three class periods.

### ***Dual Credit Welding 2 with Lab***

Recommended Grade Placement: 11-12

ROHS Number: D37325/D37327

Credit: 3 College Credit: 7

GPAL: 2

Prerequisite: Dual Credit Welding 1; Must meet dual credit eligibility

PEIMS WELDLAB2 13032410

Advanced Welding builds on knowledge and skills developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course is a dual credit with TSTC and will meet on the technical college campus, and utilizes three class periods.

## Science, Technology, Engineering, and Math (STEM)

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### STEM Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
<b>Project Lead the Way (PLTW) Engineering</b>	Introduction to Engineering Design (1)	Engineering Science * (1)	Digital Electronics* (1)	Engineering Design & Development* (1)	Inventor Auto Cad
<b>Cybersecurity</b>	Foundations of Cybersecurity (1)	Computer Science 1* (1)	Networking with Lab* (2)	Cybersecurity Capstone* (1)	CCNA Cyber Ops Certification
<b>Programming and Software Development</b>	Computer Science 1 (1)	Computer Science 2* (1)	AP Computer Science Principles* (1)	Computer Science 3* (1)	MOS Technology Associate

### ***Introduction to Engineering Design***

Recommended Grade Placement: 9-10

ROHS Number: 86000

Credit: 1

GPAL: 2

Prerequisite: None

PEIMS IED N1303742

This course takes students into the engineering process by applying math, science, and engineering standards to hands-on projects. Students will work individually and in teams to design solutions to a variety of problems and document their work. This is the foundational course for the Project Lead the Way (PLTW) engineering pathway.

### ***Engineering Science***

Recommended Grade Placement: 9-10

ROHS Number: 86001

Credit: 1

GPAL: 2

Prerequisite: Algebra 1; Biology; completion of or concurrent enrollment in Chemistry

PEIMS ENGSCIEN 13037500

This second course in the Project Lead the Way (PLTW) Engineering pathway engages students in a broad range of design topics including mechanisms, structures and materials, and automation.

### ***Digital Electronics***

Recommended Grade Placement: 11-12

ROHS Number: 86002

Credit: 1

GPAL: 2

Prerequisite: Algebra 1; Geometry

PEIMS DIGELC 13037600

This third course in the Project Lead the Way (PLTW) Engineering pathway engages students in a broad range of design topics including mechanisms, structures and materials, and automation. This course can satisfy a 3rd math graduation requirement, but would not fulfill a math endorsement requirement.

### ***Engineering Design and Development***

Recommended Grade Placement: 11-12

ROHS Number: 999460

Credit: 1

GPAL: 3

Prerequisite: Algebra 1; Geometry

PEIMS ENGDPRS 13037300

This capstone course engages students in an open-ended engineering research course in which students design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process.

### ***Foundations of Cybersecurity***

Recommended Grade Placement: 9-12

ROHS Number: 999183

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS TAFCYB 03580850

In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity.

### ***Computer Science 1***

Recommended Grade Placement: 9-12

ROHS Number: 37038

Credit: 1

GPAL: 1

Prerequisite: Algebra 1

PEIMS TACS1 03580200

This course allows students to gain proficiencies in the performance indicators developed by the International Society for Technology in Education: creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving and decision making; digital citizenship; and technology operations and concepts.

### ***AP Computer Science Principles***

Recommended Grade Placement: 11-12

ROHS Number: 37035

Credit: 1

GPAL: 3

Prerequisite: Algebra 1, Geometry, Computer Science 1 and Computer Science 2

PEIMS APCSPRIN A3580300

This course allows students to learn essential computer literacy. It covers computer terminology, applications, and programming in Java language. The language guides students to use a number of structured systems, computer algorithms, and computer software. It requires that students construct basic algorithm problems. The language programming includes I/O commands, repetition, selection, self-programming, and software basic designs. Students will be prepared to take the Advanced Placement Computer Science exam.

### ***Cybersecurity Capstone***

Recommended Grade Placement: 11-12

ROHS Number: 999194

Credit: 1

GPAL: 1

Prerequisite: Minimum of 2 Cybersecurity courses

PEIMS TACYBCAP 035880855

In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification.

### ***Networking with Lab***

Recommended Grade Placement: 11-12

ROHS Number: 37855

Credit: 2

GPAL: 2

Prerequisite: Principles of Information Technology; Computer Maintenance with Lab or Computer Science 1

PEIMS NETWRKLAB 13027410

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. This course must be taken with Networking Lab, and utilizes two class periods.

### ***Introduction to Computing (COSCI301)***

Recommended Grade Placement: 10-12

ROHS Number: D31401

Credit: 0.5

GPAL: 3

Prerequisite: None

PEIMS TAFCS 03580140

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of

potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

### ***Computer Science 2***

Recommended Grade Placement: 10-12

ROHS Number: 37039

Credit: 1

GPAL: 2

Prerequisite: Algebra 1 and Computer Science 1

PEIMS TACS2 03580300

Students will continue to develop creativity and innovation skills and through designing, implementing, and presenting meaningful programs through a variety of media. Collaboration skills will be used by students throughout the course in problem solving, analyzing, and evaluating information. Digital citizenship will also be integrated through the course as students learn information fluency.

### ***Computer Science 3***

Recommended Grade Placement: 11-12

ROHS Number: 37043

Credit: 1

GPAL: 2

Prerequisite: Computer Science 1 and Computer Science 2

PEIMS TACS3 03580350

Students will further their collaboration skills through electronic communities and data analysis. Students will utilize the appropriate technology to use for tasks and learn more about technology operations, systems, and concepts through advanced data structures.

## Transportation, Distribution, and Logistics

In order for a student to receive a CTE endorsement, they must successfully complete a coherent sequence of 3 or more courses for 4 or more credits within that endorsement area while observing all prerequisites; and the last course must be an advanced course. Students will also be prepared to take the indicated Industry Based Certification. Courses with an asterisk (\*) have prerequisites that must be met to be in this course. Numbers marked in parentheses ( ) indicate high school credits.

### Business and Industry Endorsements

Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Industry Based Certifications:
Dual Credit Automotive	Small Engine Technology 1 (1)	Automotive Basics* (1)	Dual Credit Automotive Technology 1* (2) OR General Employability Skills (1)	Dual Credit Automotive Technology 2* (2) OR Practicum in Transportation Systems* (2)	ASE Entry Level: Automobile Service Technology Brakes Electrical/Electronic Systems Engine Performance Engine Repair Maintenance & Light Repair Steering & Suspension
Dual Credit Diesel and Heavy Equipment	Small Engine Technology 1 (1)	Dual Credit Occupational Safety & Environmental Technology 1* (1) AND Dual Credit Diesel Equipment Technology 1* (2)	Dual Credit Diesel Equipment Technology 2 with lab* (3)	Dual Credit Practicum in Transportation Systems with lab* (3)	Level 1 Certificate from TSTC

### ***Small Engine Technology 1***

Recommended Grade Placement: 9-12

ROHS Number: 378315

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS SMENTEC1 13040000

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

### ***Automotive Basics***

Recommended Grade Placement: 9-10

ROHS Number: 378307

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS AUTOBASC 13039550

Students gain 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. 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.

### ***Dual Credit Automotive Technology 1***

Recommended Grade Placement: 11-12

ROHS Number: D37834/D37835

Credit: 2 College Credit: 6

GPAL: 2

Prerequisite: Dual Credit Automotive Basics; Must meet dual credit eligibility

PEIMS AUTOTEC1 13039600

In Automotive Technology I, students gain knowledge and skills in the repair, maintenance, and diagnosis of major automotive systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. This course utilizes two class periods.

### ***Dual Credit Automotive Technology 2***

Recommended Grade Placement: 11-12

ROHS Number: D37836/D37837

Credit: 2 College Credit: 7

GPAL: 2

Prerequisite: Dual Credit Automotive Technology 1; Must meet dual credit eligibility

PEIMS AUTOTEC2 13039700

In Advanced Automotive Technology, students gain advanced knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices through relevant activities. This course utilizes two class periods.

### ***General Employability Skills***

Recommended Grade Placement: 9-12

ROHS Number: 761112

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS GEMPLS N1270153

This course will provide instruction in general employability skills. Employability skills are the skills and attitudes that allow employees to work alongside their co-workers, make important work-related decisions, and become strong members of the work team.

### ***Practicum in Transportation Systems***

Recommended Grade Placement: 11-12

ROHS Number: 378317

Credit: 2

GPAL: 1

Prerequisite: Minimum of 2 TDL courses and General Employability Skills

PEIMS PRACTRS1 13040450

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

### ***Dual Credit Occupational Safety and Environmental Technology 1***

Recommended Grade Placement: 9-12

ROHS Number: D37829/D37830

Credit: 1                      College Credit: 3

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS OCCUSET1      N1303680

Occupational Safety & Environmental Technology (OSET) I students will investigate the field of Occupational Safety and Health Administration and Environmental Technology, which is charged with the tasks of ensuring that business and industry provide a safe workplace, free from hazards and bringing about a reduction in the occurrence of job related injuries and fatalities. This course is a dual credit with TSTC and will meet on the technical college campus, and utilizes three class periods.

### ***Dual Credit Diesel Equipment Technology 1***

Recommended Grade Placement: 11-12

ROHS Number: D37810/D37811/D37812

Credit: 2                      College Credit: Up to 11

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS DIEQTEC1      13040150

Diesel Equipment Technology I includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the knowledge, skills, and technologies required for employment in transportation systems. This course is a dual credit with TSTC and will meet on the technical college campus, and utilizes three class periods.

### ***Dual Credit Diesel Equipment Technology 2 with Lab***

Recommended Grade Placement: 11-12

ROHS Number: D37813/D37814/D37815/D37816

Credit: 3                      College Credit: Up to 12

GPAL: 2

Prerequisite: Dual Credit Diesel Equipment Technology 1; Must meet dual credit eligibility

PEIMS DIEQTEC2      13040170

Diesel Equipment Technology II includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the advanced knowledge, skills, and technologies required for

employment in transportation systems. This course is a dual credit with TSTC and will meet on the technical college campus, and utilizes three class periods.

***Dual Credit Practicum in Transportation Systems with Lab***

Recommended Grade Placement: 10-12

ROHS Number: D37820/D37821/D37822

Credit: 3                      College Credit: Up to 10

GPAL: 2

Prerequisite: Dual Credit Diesel Equipment Technology 2 with lab; Must meet dual credit eligibility

PEIMS EXPRTS1            13040455

Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based. This course is a dual credit with TSTC and will meet on the technical college campus, and utilizes three class periods.

# Course Offerings: Physical Education and Health

## Foundation of Personal Fitness

### ***Foundations of Personal Fitness I - Boys***

Recommended Grade Placement: 9-12  
ROHS Number: 35013  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS BOYS PE I PES00052

### ***Foundations of Personal Fitness I - Girls***

Recommended Grade Placement: 9-12  
ROHS Number: 35013  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS GIRLS PE I PES00052

### ***Foundations of Personal Fitness II - Boys***

Recommended Grade Placement: 10-12  
ROHS Number: 35023  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS BOYS PE II PES00055

### ***Foundations of Personal Fitness II - Girls***

Recommended Grade Placement: 10-12  
ROHS Number: 35024  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS GIRLS PE II PES00055

General physical education for boys and girls shall be concerned with the development of physical fitness and the learning of skills. The program provides each student with opportunities to develop skill and understanding in a variety of sports activities, with daily exercise designed to help students develop and maintain physical fitness appropriate for their age. Course offerings include: flag football, basketball, soccer, volleyball, softball, weight training, gym games, and other fitness activities. The student is evaluated on the basics of skill in each sport, knowledge of strategy, rules, history, and terminology in each sport, and behavior in terms of participation, health, and safety practices. Suiting out and daily participation is imperative.

## **Adventure/Outdoor Education**

Recommended Grade Placement: 10-12  
ROHS Number: 35015  
Credit: 0.5  
GPAL: 1  
Prerequisite: Physical Education  
PEIMS OUTDOORPE PES00053

Students are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

## Partner PE

### ***Partner PE I***

Recommended Grade Placement: 9-12

ROHS Number: 35012

Credit: 1

GPAL: 1

Prerequisite: Prior written approval from ROHS PE teachers

PEIMS PARTNERPE 1 N1290203

Inclusionary PE program featuring supervised peer tutors working with students with disabilities who cannot meet the requirements of regular physical education because of physical, social, emotional or behavioral limitations. The program encourages physical activity, increase in knowledge of health and fitness strategies, and assists in the acquisition of individual lifetime recreation activities and/or skills associated with team sports.

### ***Partner PE II***

Recommended Grade Placement: 9-12

ROHS Number: 35022

Credit: 1

GPAL: 1

Prerequisite: Prior written approval from ROHS PE teachers

PEIMS PARTNERPE 2 N1290204

Inclusionary PE program featuring supervised peer tutors working with students with disabilities who cannot meet the requirements of regular physical education because of physical, social, emotional or behavioral limitations. The program encourages physical activity, increase in knowledge of health and fitness strategies, and assists in the acquisition of individual lifetime recreation activities and/or skills associated with team sports.

## Health I

Recommended Grade Placement: 9-12

ROHS Number: 4914

Credit: 0.5

GPAL: 1

Prerequisite: None

PEIMS HLTH ED 03810100

In Health 1, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting and communication skills to protect their health and that of the community.

## Aerobic Activities

Recommended Grade Placement: 9-12

ROHS Number: 35456A

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS PEAA PES00054

This course gives students of varying dance abilities and experience the opportunity to enrich their kinesthetic awareness by learning several genres of dance. Students will learn about basic ballet, jazz, modern, hip-hop, and yoga

combinations and variations of these styles and forms. Classes include intense stretching and various aerobic activities, as well as learning anatomy of the human body, history of dance, choreography, and dance production. In addition to some written work, tests will be given over physical execution of dance moves and stretching ability. This course may be taken concurrently with Dance I.

## Cheerleading

ROHS Number 35514  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS PEEQUIV-1 PES00013

ROHS Number 35516  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS PEEQUIV-3 03820503

ROHS Number 35515  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS PEEQUIV-2 PES00013

ROHS Number 35517  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS PEEQUIV-4 03820504

Prerequisite: Departmental selection process

Cheerleader I-IV provides an opportunity for preparation and execution of those activities involved in promoting school loyalty and school spirit.

## Sports Medicine

Sports Medicine I  
Recommended Grade Placement: 9-12  
ROHS Number: 999239  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS SPORTS MED I N1150040

Sports Medicine II  
Recommended Grade Placement: 10-12  
ROHS Number: 999240  
Credit: 1  
GPAL: 1  
Prerequisite: None  
PEIMS SPORTS MED II N1150041

Sports Medicine I and II involve the essentials of athletic training. Students will go through the major body parts learning bones and muscles. The course will teach students prevention of injuries, observation, treatment, and rehabilitation of various sport injuries.

## Course Offerings: Athletics

### Baseball

ROHS Number 352150  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 352151  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 352152  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 352153  
Credit: 1  
GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

### Boys Basketball

ROHS Number 32170  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32171  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32172  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32173  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

### Girls Basketball

ROHS Number 32175  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32176  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32177  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32178  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

### Cross Country

ROHS Number 32301  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32302  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32303  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32304  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process; NOTE: This course does not utilize a class period. All participation will be outside of school hours

## Football

ROHS Number 32190  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

Credit: 1  
GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32191  
Credit: 1  
GPAL: 1  
Recommended Grade Placement: 10  
ROHS Number 32192

ROHS Number 32193  
Credit: 1  
GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Boys Golf

ROHS Number 32210  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32212  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32211  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32213  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Girls Golf

ROHS Number 32215  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32217  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32216  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32218  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Boys Soccer

ROHS Number 32180  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
ROHS Number 32181  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32182  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32183  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Girls Soccer

ROHS Number 32185  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32186  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32187  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32188  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Softball

ROHS Number 32160  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32161  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32162  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32163  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Swimming

ROHS Number 32401  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32402  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32403  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32404  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process; NOTE: This course does not utilize a class period. All participation will be outside of school hours

## Boys Tennis

ROHS Number 32155  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9

ROHS Number 32156  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10

ROHS Number 32157  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11

ROHS Number 32158  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12

Prerequisite: Departmental selection process

## Girls Tennis

ROHS Number 32165

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

ROHS Number 32166

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

Prerequisite: Departmental selection process

ROHS Number 32167

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

ROHS Number 32168

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

## Boys Track

ROHS Number 32220

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

ROHS Number 32221

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

Prerequisite: Departmental selection process

ROHS Number 32222

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

ROHS Number 32223

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

## Girls Track

ROHS Number 32225

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

ROHS Number 32226

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

Prerequisite: Departmental selection process

ROHS Number 32227

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

ROHS Number 32228

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

## Volleyball

ROHS Number 32195

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

ROHS Number 32196

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

Prerequisite: Departmental selection process

ROHS Number 32197

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

ROHS Number 32198

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

The above athletics courses are offered as competitive sports and are governed by the rules and regulations of the University Interscholastic League (UIL). Membership on these teams may count in lieu of Physical Education as required for graduation. Any athlete who quits one sport cannot go into another sport until the sport he/she quit has concluded. This rule will take effect the day after the first contest.

Each of these programs utilizes one class period and requires additional before/after school hours, unless noted. In some special cases, an outside sport can be counted as PE credit. This must be approved before the start of the semester. An off-campus PE information packet can be picked up in the counselors' office.

## Course Offerings: Fine Arts

### Art

#### **Art I**

Recommended Grade Placement: 9-12

ROHS Number: 36013

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS ART I 03500100

Art I emphasizes art concepts and introduces the student to the elements and principles of design. They will receive a strong foundation in drawing, as well as painting, printmaking, and ceramics. A fee for supplies may be required.

#### **Art II/Drawing I**

Recommended Grade Placement: 9-12

ROHS Number: 36014

Credit: 1

GPAL: 1

Prerequisite: Art I or Instructor approval

PEIMS ART2DRW 03500500

#### **Art III/Drawing II**

Recommended Grade Placement: 10-12

ROHS Number: 36015

Credit: 1

GPAL: 1

Prerequisite: Drawing I or Instructor approval

PEIMS ART3DRW 03501300

Drawing I begins with the study of 20th century art (1940's) and the development of line drawing (gesture, contour, pen & ink). Modeling skills will be expanded with emphasis on life drawing (still life, portraits, and figures) in a variety of media. Students will be introduced to realistic, abstract, and non-objective styles. Color studies and techniques in watercolor are introduced. Drawing II and III build on previous skills with emphasis on advanced in-depth compositional studies done from observing life. Mixed media, pencil, chalk pastels, prism color, charcoal, watercolor, and acrylic will be used. Students are encouraged to pursue philosophy, art history, social interests, and personal interests for compositional content. Students will be required to purchase some supplies.

#### **Art II/Painting I**

Recommended Grade Placement: 9-12

ROHS Number: 36017

Credit: 1

GPAL: 1

Prerequisite: Art I or Instructor approval

PEIMS ART2PATG 1 03500600

#### **Art III/Painting II**

Recommended Grade Placement: 10-12

ROHS Number: 36018

Credit: 1

ROHS Course Catalog

#### **Art IV/Drawing III**

Recommended Grade Placement: 9-12

ROHS Number: 36016

Credit: 1

GPAL: 1

Prerequisite: Drawing II or Instructor approval

PEIMS ART4DRW 03502300

GPAL: 1

Prerequisite: Painting I or Instructor approval

PEIMS ART3PATG 03501400

### ***Art IV/Painting III***

Recommended Grade Placement: 11-12  
ROHS Number: 36024

Credit: 1  
GPAL: 1  
Prerequisite: Painting II or Instructor approval  
PEIMS ART4PATG 03502400

Painting will introduce students to an in-depth study of painting and techniques. Students will explore the use of various painting media and methods to complete finished art works. Emphasis is placed on the acquisition of skills, craftsmanship, color theory, composition, form, visual concept, and individual creativity. Different styles and the history of art as reflected in painting will be analyzed by students. Students are expected to develop independent work habits and responsibility to complete design problems. Development of a series of pieces with a central theme will be the goal. Students will be required to purchase some supplies.

### ***Art II/Ceramics I***

Recommended Grade Placement: 9-12  
ROHS Number: 36019  
Credit: 1  
GPAL: 1  
Prerequisite: Art I or Instructor approval  
PEIMS ART2CRMC 03500900

### ***Art IV/Ceramics III***

Recommended Grade Placement: 11-12  
ROHS Number: 36023  
Credit: 1  
GPAL: 1  
Prerequisite: Art I or Instructor approval  
PEIMS ART4CRMC 03502700

### ***Art III/Ceramics II***

Recommended Grade Placement: 9-12  
ROHS Number: 36022  
Credit: 1  
GPAL: 1  
Prerequisite: Art I or Instructor approval  
PEIMS ART3CRMC 03501800

Ceramics will introduce various methods and equipment to create original works from clay. It will include hand-building, throwing on the wheel, and glazing. The historical and cultural importance of ceramics will be explored. There is also a focus on sculpture and the students' ability to visualize and express artistic ideas in 3-D form. Students will use the additive and subtractive methods in paper, hand-building, throwing on the wheel, and glazing. The historical and cultural importance of ceramics will be explored. There is also a focus on sculpture and the students' ability to visualize and express artistic ideas in 3-D form. Students will use the additive and subtractive methods in paper, cardboard, wire, found objects, plaster, paper and cloth mache. Students will be required to purchase some supplies.

### ***AP Studio Art - Drawing Portfolio***

Recommended Grade Placement: 11-12  
ROHS Number: 36021  
Credit: 1  
GPAL: 3  
Prerequisite: Art III  
PEIMS APSTARTD A3500300

### ***AP Studio Art - Two-Dimensional Design Portfolio***

Recommended Grade Placement: 11-12  
ROHS Number: 36020  
Credit: 1  
GPAL: 3  
Prerequisite: Art III  
PEIMS AP2DDP A3500400

AP Studio Art portfolios are college level courses designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios – 2-D Design, 3-D Design, and Drawing – corresponding to the most common college foundation courses. **Students are expected to submit their portfolio the Advanced Placement Portfolio.**

## Dance

### ***Principles of Dance I***

Recommended Grade Placement: 10-12  
ROHS Number: 35456  
Credit: 1  
GPAL: 1  
Prerequisite: None; This course may be taken concurrently with Aerobic Activities  
PEIMS DANCE 1 03830100

### ***Principles of Dance II***

Recommended Grade Placement: 10-12  
ROHS Number: 35457  
Credit: 1  
GPAL: 1  
Prerequisite: Dance I or Departmental selection process  
PEIMS DANCE 2 03830200

### ***Principles of Dance III***

Recommended Grade Placement: 10-12  
ROHS Number: 35458  
Credit: 1  
GPAL: 1  
Prerequisite: Dance II or Departmental selection process  
PEIMS DANCE 3 03830300

### ***Principles of Dance IV***

Recommended Grade Placement: 10-12  
ROHS Number: 35459  
Credit: 1  
GPAL: 1  
Prerequisite: Dance III or Departmental selection process  
PEIMS DANCE 4 03830400

This course gives students of varying dance abilities and experiences the opportunity to enrich their kinesthetic awareness by learning several genres of dance. Students will learn about basic ballet, jazz, modern, hip-hop, and yoga combinations and variations of these styles and forms. Classes include intense stretching and various aerobic activities, as well as learning anatomy of the human body, history of dance, choreography, and dance production. In addition to some written work, tests will be given over physical execution of dance moves and stretching ability. Students will be expected to have provide their own proper dance clothing for the course.

### ***Hawkettes I***

ROHS Number 35416  
Credit: 1 GPAL: 1  
PEIMS SUBDT PES00014

### ***Hawkettes II***

ROHS Number 35426  
Credit: 1 GPAL: 1  
PEIMS DAN2PE 03833400

### ***Hawkettes III***

ROHS Number 35436  
Credit: 1 GPAL: 1  
PEIMS DAN3PE 03833500

### ***Hawkettes IV***

ROHS Number 35446  
Credit: 1 GPAL: 1  
PEIMS DAN4PE 03833600

Prerequisite: Departmental selection process

Participation in the Hawkettes Dance/Drill Team is considered an extra-curricular activity and demands not only marching and dancing skills, but also much time beyond the one-hour class period. Drill team activities are varied throughout the year and include performances at both football and basketball season halftimes and at competitive events during the spring. Tryouts are held during the spring and are open to any eighth grade, freshman, sophomore, or junior girl who wishes to be in drill team the following year. Approximately 2-3 weeks of summer vacation must be devoted to drill team. This course will require additional fees for supplies. Please see the instructor for amounts and payment schedules.

Dance will be taken during the spring semester for Hawkettes Drill Team members. Hawkettes fulfills the P.E. requirement.

## Music

### ***Marching Band I-IV***

ROHS Number 356140  
Credit: 0.5 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS SUBMB PES00012

ROHS Number 356142  
Credit: 0.5 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS SUBMB PES00012

ROHS Number 356141  
Credit: 0.5 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS SUBMB PES00012

ROHS Number 356143  
Credit: 0.5 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS SUBMB PES00012

Prerequisite: Audition process

In Marching Band I-IV, students develop marching skills and perform marching band music. Performances include pep rallies, all varsity football games, marching competitions and parades. Marching band fulfills the PE requirement. Rehearsal time outside of school time is required (up to 8 hours per week outside of the school day). **\*This course may count as a physical education credit.**

### ***Wind Ensemble I-IV***

ROHS Number 356150  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS WIND ENSEMBLE I 03150100

ROHS Number 356152  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS WIND ENSEMBLE III 03150300

ROHS Number 356151  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS WIND ENSEMBLE II 03150200

ROHS Number 356153  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS WIND ENSEMBLE IV 03150400

Prerequisite: Previous band experience and audition process

The Wind Ensemble is the most advanced band at ROHS, typically performing music at the UIL Grade IV and V levels. Students in the Wind Ensemble are also required to participate in Region auditions and at UIL Solo and Ensemble contests. Several required performances and competitions are scheduled throughout the year, and a weekly sectional rehearsal is also required for most of the school year. All students in the Wind Ensemble are also required to participate in the Marching Band in the fall, which requires up to 8 hours of practice a week outside of the school day, in addition to all football games and marching competitions.

### ***Symphonic Band I-IV***

ROHS Number 356160  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS SYMPHONIC I 03150100

ROHS Number 356162  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS SYMPHONIC III 03150300

ROHS Number 356161  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS SYMPHONIC II 03150200

ROHS Number 356163  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS SYMPHONIC IV 03150400

Prerequisite: Previous band experience and audition process

The Symphonic Band is the second band at ROHS, typically performing music at the UIL Grade III and IV levels. Students in the Symphonic Band are strongly encouraged to participate in Region auditions and at UIL Solo and Ensemble contests. Several required performances and competitions are scheduled throughout the year, and a weekly sectional rehearsal is also required for most of the school year. All students in the Symphonic Band are also required to participate in the Marching Band in the fall, which requires up to 8 hours of practice a week outside of the school day, in addition to all football games and marching competitions.

### ***Concert Band I-IV***

ROHS Number 356170  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS CONCERT BAND I 03150100

ROHS Number 356172  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS CONCERT BAND III 03150300

ROHS Number 356171  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS CONCERT BAND II 03150200

ROHS Number 356173  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS CONCERT BAND IV 03150400

Prerequisite: Previous band experience and audition process

The Concert Band is the third band at ROHS, typically performing music at the UIL Grade I and II levels. Students in the Concert Band are allowed to participate in Region auditions and at UIL Solo and Ensemble contests if capable of doing so. Some required performances and competitions are scheduled throughout the year. All students in the Concert Band are also required to participate in the Marching Band in the fall, which requires up to 8 hours of practice a week outside of the school day, in addition to all football games and marching competitions.

### ***Jazz Band One I-IV***

ROHS Number 356180  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS JAZZ BAND 1-I 03151300

ROHS Number 356182  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS JAZZ BAND 1-III 03151500

ROHS Number 356181  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS JAZZ BAND 1-II 03151400

ROHS Number 356183  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS JAZZ BAND 1-IV 03151600

Prerequisite: Audition process and concurrent enrollment in concert band

The Jazz Band One is the most advanced jazz ensemble at Red Oak HS, consisting of advanced saxophones, trombones, trumpets, and rhythm section players. This group participates at Region Jazz auditions in the fall and at jazz competitions in the spring, and also performs at several school and community concerts throughout the school year. Emphasis is on advanced big-band style jazz performance, in addition to the furthering of the jazz improvisational skills.

### ***Jazz Band Two I-IV***

ROHS Number 356190  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS JAZZ BAND 2-I 03151300

ROHS Number 356191  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS JAZZ BAND 2-II 03151400

Prerequisite: Previous band experience and audition process

The Jazz Band Two is our second jazz ensemble, consisting of students who played in jazz band in Junior High, or are interested in getting started in learning to play jazz music. As with the top jazz band, the instruments involved in this ensemble include saxophones, trombones, trumpets, and rhythm section. However, and exception for some non-traditional jazz instruments (i.e. clarinet, flute, etc.) may be granted with instructor approval. The emphasis is on learning to play in swing style and gaining an understanding of jazz rhythm and articulation as applied to the big-band style of jazz performance. Introductory skills in jazz improvisation are also included. This band performs at least twice during the school year, in addition to possible jazz competition in the spring.

### ***Percussion Ensemble I-IV***

ROHS Number 356200  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS PERCUSSION-I 03151700

ROHS Number 356201  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS PERCUSSION II 03151800

Prerequisite: Open to current percussion students only; requires concurrent enrollment in a concert band

Percussion students in this course will get specialized instruction in all types of percussion performance, to include both marching and concert instruments. The focus in the fall semester is on marching percussion and All-Region auditions, and the focus in the spring semester is on concert percussion and UIL Solo and Ensemble. Students who are “doubling” percussion with another wind instrument for marching band may also enroll in the fall semester.

### ***Color Guard I-IV***

ROHS Number 356210  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS COLORGUARD I 03151700

ROHS Number 356211  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS COLORGUARD II 03151800

ROHS Number 356192  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS JAZZ BAND 2-III 03151500

ROHS Number 356193  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS JAZZ BAND 2-IV 03151600

ROHS Number 356202  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS PERCUSSION III 03151900

ROHS Number 356203  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS PERCUSSION IV 03152000

ROHS Number 356212  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS COLORGUARD III 03151900

ROHS Number 356213  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS COLORGUARD IV 03152000

Prerequisite: Departmental selection process; previous dance experience recommended

The color guard utilizes a blend of dance and equipment such as flags and rifles for a unique and artistic style of performance. In the fall, the guard is a visual component of the marching band program, and as such, the students have similar practice and performance requirements of the marching band, including up to 8 hours a week in practice outside of the school day, and required attendance at all football games and marching competitions. After marching

season (late fall), and for the spring semester, the guard becomes an independent indoor performing ensemble (known as a “winter guard”), competing in several required North Texas Colorguard Association (NTCA) and Winter Guard International (WGI) competitions. Except under unusual circumstances (with the approval of the instructor), students must fully participate in both semesters of the color guard course (both marching band and winter guard).

### ***Ladies' Choir I-IV***

ROHS Number 36661G

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

PEIMS LADIES CHOIR 1 03150900

ROHS Number 36662G

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

PEIMS LADIES CHOIR 2 03151000

ROHS Number 36663G

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

PEIMS LADIES CHOIR 3 03151100

ROHS Number 36664G

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

PEIMS LADIES CHOIR 4 03151200

Prerequisite: Placement audition process

Ladies' Choir is the beginning treble choir at ROHS, typically performing music at the UIL Grade I, II and III levels. Students in Ladies' Choir are encouraged to participate in Region auditions in UIL Solo and Ensemble if possible. Several required performances and competitions are scheduled throughout the year, and some sectional rehearsals are also required at times during the school year. No previous choral experience is required.

### ***Advanced Ladies' Choir I-IV***

ROHS Number 36613G

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

PEIMS ADV LADIES CH 1 03150900

ROHS Number 36623G

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

PEIMS ADV LADIES CH 2 03151000

ROHS Number 36633G

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

PEIMS ADV LADIES CH 3 03151100

ROHS Number 366433G

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

PEIMS ADV LADIES CH 4 03151200

Prerequisite: Previous choir experience and audition process

Advanced Ladies' Choir is the most advanced treble choir at ROHS, typically performing music at the UIL Grade III and IV levels. Students in Advanced Ladies' Choir are strongly encouraged to participate in Region auditions and are required to participate in UIL Solo and Ensemble. Several required performances and competitions are scheduled throughout the year, and some sectional rehearsals are also required at times during the school year.

### ***Men's Choir I-IV***

ROHS Number 36661B

Credit: 1 GPAL: 1

Recommended Grade Placement: 9

PEIMS MENS CHOIR 1 03150900

ROHS Number 36662B

Credit: 1 GPAL: 1

Recommended Grade Placement: 10

PEIMS MENS CHOIR 2 03151000

ROHS Number 36663B

Credit: 1 GPAL: 1

Recommended Grade Placement: 11

PEIMS MENS CHOIR 3 03151100

ROHS Number 36664B

Credit: 1 GPAL: 1

Recommended Grade Placement: 12

PEIMS MENS CHOIR 4 03151200

Prerequisite: Placement audition process

Men's Choir is the beginning tenor/bass choir at ROHS, typically performing music at the UIL Grade I and II levels. Students in Men's Choir are encouraged to participate in Region auditions in UIL Solo and Ensemble if possible.

Several required performances and competitions are scheduled throughout the year. No previous choral experience is required.

### ***Advanced Men's Choir I-IV***

ROHS Number 36613B  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS ADV MENS CH 1 03150900

ROHS Number 36623B  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS ADV MENS CH 2 03151000

ROHS Number 36633B  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS ADV MENS CH 3 03151100

ROHS Number 36643B  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS ADV MENS CH 4 03151200

Prerequisite: Previous choir experience and audition process

Advanced Men's Choir is the most advanced tenor/bass choir at ROHS, typically performing music at the UIL Grade III and IV levels. Students in Advanced Men's Choir are strongly encouraged to participate in Region auditions and are required to participate in UIL Solo and Ensemble. Several required performances and competitions are scheduled throughout the year, and some sectional rehearsals are also required at times during the school year.

### ***A Cappella I-IV***

ROHS Number 36614  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS A CAPELLA 1 03150900

ROHS Number 36624  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS A CAPELLA 2 03151000

ROHS Number 36634  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS A CAPELLA 3 03151100

ROHS Number 36644  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS A CAPELLA 4 03151200

Prerequisite: Previous choir experience and audition process

A Cappella is the most advanced choir at ROHS, typically performing music at the UIL Grade IV and V levels. Students in A Cappella are also required to participate in Region auditions and at UIL Solo and Ensemble. Several required performances and competitions are scheduled throughout the year, and some sectional rehearsals are also required at times during the school year.

### ***Vocal Adrenaline I-IV***

ROHS Number 36613  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 9  
PEIMS VOC ADREN 1 03152100

ROHS Number 36623  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 10  
PEIMS VOC ADREN 2 03152200

ROHS Number 36633  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 11  
PEIMS VOC ADREN 3 03152300

ROHS Number 36643  
Credit: 1 GPAL: 1  
Recommended Grade Placement: 12  
PEIMS VOC ADREN 4 03152400

Prerequisite: Previous choir experience and departmental selection process

Vocal Adrenaline is an advanced pop/jazz performing ensemble at ROHS. This group performs at several school and community concerts throughout the school year, along with show choir competitions and the Vocal Adrenaline spring

show. Emphasis is on advanced pop and jazz vocal repertoire performance, acting, and dancing in an effort to create the complete stage performer.

### ***Applied Music (I-IV)***

Recommended Grade Placement: 9-12

ROHS Number: 36416

Credit: 0.5-1 GPAL: 1

Prerequisite: Departmental selection process.

PEIMS MUS1APL 03152500

ROHS Number: 36416

Credit: 0.5-1 GPAL: 1

Prerequisite: Departmental selection process.

PEIMS MUS2APL 03152600

ROHS Number: 36416

Credit: 0.5-1 GPAL: 1

Prerequisite: Departmental selection process.

PEIMS MUS3APL 03152601

ROHS Number: 36416

Credit: 0.5-1 GPAL: 1

Prerequisite: Departmental selection process.

PEIMS MUS4APL 03152602

This course involves individual study and practice of a musical instrument or voice for performance.

### ***Music Theory Honors***

Recommended Grade Placement: 9-12

ROHS Number: 36653

Credit: 0.5

GPAL: 2

Prerequisite: Prior experience in band/choir, or the ability to read music (notes on at least one clef), or departmental selection process

PEIMS MUSITHY 03155400

Music Theory Honors is a course that reviews the basic fundamentals of music (notation, rhythm, etc.) and introduces functional diatonic harmony through the study of major and minor scales and key signatures, triads, and intervals. The emphasis is on both identification and construction/notation of all learned fundamentals. Basic aural and musicianship skills are introduced such as interval recognition, basic rhythmic and melodic dictation, and sight-singing.

### ***AP Music Theory***

Recommended Grade Placement: 11-12

ROHS Number: 356459

Credit: 1

GPAL: 3

Prerequisite: Music Theory Honors or departmental selection process

PEIMS APMUSTHY A3150200

AP Music Theory is a college-level music course in which students will work towards a deeper understanding of the various foundations of music; melody, harmony, rhythm/meter, and formal structures. The study of diatonic harmony will advance to include chordal analysis, major and minor chord progressions, chord inversions, non-chord tones, and secondary harmonic functions. An emphasis will be placed on both analysis and written music compositional skills. Students will improve their understanding of musicianship through aural skills, which will include both melodic and harmonic dictation, more advanced sight-singing, and harmonization at the keyboard. The work in this class is equivalent to a first year college music theory class and culminates with the AP exam. The student's ability to read and write musical notation is fundamental to this course and the student must have adequate performance skills in either voice or an instrument. **Students are expected to take the Advanced Placement exam.**

### ***Dual Credit Music Appreciation***

Recommended Grade Placement: 9-12

ROHS Number: D37100

Credit: 0.5

GPAL: 2

Prerequisite: Must meet dual credit eligibility

PEIMS MUSSMA1 03152900

By experiencing musical periods and styles, students will understand the relevance of music to history, culture, and the world, including the relationship of music to other academic disciplines and the vocational possibilities offered. Through critical listening, students analyze, evaluate, and respond to music, developing criteria for making critical judgments and informed choices.

### ***Piano I***

Recommended Grade Placement: 9-12

ROHS Number: 356466

Credit: 0.5-1

GPAL: 1

Prerequisite: None

PEIMS MUS1PIA 03154200

Students acquire basic music skills. Topics include basic piano keyboarding, basic theory introduction, and basic ear training. No prior experience in music is needed.

## **Theatre**

### ***Theatre Arts I***

Recommended Grade Placement: 9-12

ROHS Number: 36213

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS TH1 03250100

The objective of this course is to provide the student with a general overview of all the different areas involved in theater and to create an appreciation for live theater. The course does not concentrate on one particular area, but attempts to provide an equal introduction to all areas. Course units include voice and diction, improvisation, pantomime, acting, theatre history, stage make-up, and technical theatre.

### ***Theatre Arts II***

Recommended Grade Placement: 10-12

ROHS Number: 36223

Credit: 1

GPAL: 1

Prerequisite: Theatre Arts I

PEIMS TH2 03250200

This course continues the study of theater established in Theatre Arts I. It is designed to further investigate the area of acting. Instructional units will include classical styles, children's theatre, play writing, stylized make-up and theatre awareness.

### ***Theatre Arts III***

Recommended Grade Placement: 11-12

ROHS Number: 36233

Credit: 1

GPAL: 1

Prerequisite: Theatre Arts II

PEIMS TH3 03250300

This class further develops the acting skills of the students. The emphasis will be on acting with directing, costumes, props, makeup, sets and set design as part of the training. All the projects will be performance oriented and preparation for opportunities in the Theatrical world.

### ***Theatre Arts IV***

Recommended Grade Placement: 12

ROHS Number: 36243

Credit: 1

GPAL: 1

Prerequisite: Theatre Arts III

PEIMS TH4 03250400

This course delves further into the actor and developing characters. The actors will costume their characters and do theatre makeup as well as design a set and learn to think outside the box for creativity.

### ***Theatre Production***

Theatre Production I/One Act Play

Recommended Grade Placement: 10-12

ROHS Number: 36245

Credit: 1

GPAL: 1

Prerequisite: Theatre Arts I or Departmental selection process

PEIMS TH1PROD 03250700

Theatre Production II/One Act Play

Recommended Grade Placement: 11-12

ROHS Number: 36255

Credit: 1

GPAL: 1

Prerequisite: Theatre Production I or Departmental selection process

PEIMS TH2PROD 03250800

Theatre Production III/One Act Play

Recommended Grade Placement: 11-12

ROHS Number: 36265

Credit: 1

GPAL: 1

Prerequisite: Dance II or Departmental selection process

PEIMS TH3PROD 03250900

Theatre Production IV/One Act Play

Recommended Grade Placement: 12

ROHS Number: 36266

Credit: 1

GPAL: 1

Prerequisite: Theatre Production III or Departmental selection process

PEIMS TH4PROD 03251000

Theatre Production I-IV is a "performance-based" class. Students make a commitment to develop and refine their acting skills, directing their efforts to the one-act production in the spring. Students are trained for professional opportunities in the future.

### ***Technical Theatre I***

Recommended Grade Placement: 10-12

ROHS Number: 36215

Credit: 1

GPAL: 1

Prerequisite: Theatre I

PEIMS TH 1 TECH 03250500

Technical Theatre is a class for the creative, motivated student seeking knowledge of stagecraft, lighting, sound, costumes, makeup, and theatre production. Skill focus is on: safety, literary analysis, set design and construction, sound design, light design, props, makeup and costume, publicity, and house management.

### ***Technical Theatre II***

Recommended Grade Placement: 11-12

ROHS Number: 36216

Credit: 1

GPAL: 1

Prerequisite: Technical Theatre I

PEIMS TH 2 TECH 03250600

In Technical Theatre II the students will be learning to use more complicated tools and how they work. Safety will continue to be stressed above all. We will study the different types of plays and how they should think outside the box in design. We will design simple and complicated sets for the same play and then study and discuss what works. We will study costumes of different times and places. We will also study props, makeup, and sound. We will learn more about the sound effects and how sound is used in Theatre. This class will be very detailed in the study of history from the aspect of the plays we are studying.

### ***Technical Theatre III***

Recommended Grade Placement: 12

ROHS Number: 36217

Credit: 1

GPAL: 1

Prerequisite: Technical Theatre II

PEIMS TH 3 TECH 03251100

Technical Theatre III is for the student interested in the creation and planning of the "behind the scenes" theater preparation. This student will need a basic knowledge of theatre safety, and have a desire to work cooperatively as part of a production team. Students from this class will form the technical crew for ROHS theatre productions.

## Course Offerings: Navy Junior ROTC

The Navy Junior Reserve Officers Training Corps (NJROTC) is a four-year program co-sponsored by the school district and U.S. Navy. The NJROTC program provides students the opportunity to become informed and responsible citizens, develop leadership and self-discipline skills, and become involved in their school and community. NJROTC is co-educational and includes extracurricular activities. After school activities are voluntary. There is no military obligation associated with or incurred by being in the NJROTC program.

### JROTC/Naval Science I

Recommended Grade Placement: 9-12

ROHS Number: 999116

Credit: 1

GPAL: 1

Prerequisite: None

PEIMS NJROTC 1 PES00004

This course introduces students to the precepts of citizenship, the basic elements of leadership and the value of scholarship in attaining life goals. Students learn about military drill and ceremonies, the importance of a healthy life style, including physical fitness, a proper diet, and controlling stress, drug awareness, the principles of health and first aid, geography and survival skills, and Navy ships and aircraft. This class can satisfy the PE requirements for graduation. **\*This course may count as a physical education credit.**

### JROTC/Naval Science II

Recommended Grade Placement: 10-12

ROHS Number: 999141

Credit: 1

GPAL: 1

Prerequisite: NJROTC I or equivalent or Departmental selection process

PEIMS NJROTC 2 03160200

This course provides students with an overview of the role sea power has played in the world from early civilization to the present, and an appreciation of the U.S. naval history and heritage from the American Revolution to now. Course content also includes maritime geography, meteorology, the fundamentals of electricity, the principles of effective leadership, and the importance of discipline. Students develop teamwork through military drill.

### JROTC/Naval Science III

Recommended Grade Placement: 11-12

ROHS Number: 999144

Credit: 1

GPAL: 1

Prerequisite: NJROTC II or equivalent or Departmental selection process

PEIMS NJROTC 3 03160300

This course further develops students' understanding of the importance of sea power and national security, naval operations and support functions, military law, and international law of the sea. Content also includes basic seamanship, nautical rules of the road, marine navigation and naval weapons and aircraft. Students demonstrate confidence and proficiency in military drill.

## **JROTC/Naval Science IV**

Recommended Grade Placement: 12

ROHS Number: 999241

Credit: 1

GPAL: 1

Prerequisite: NJROTC III or equivalent or Departmental selection process

PEIMS NJROTC 4 03160200

This course builds on the basic qualities of a good follower and an effective leader provided in earlier Naval Science courses. Students are provided an in-depth look at the qualities of an outstanding leader and shown how to maximize their leadership skills. Positive, effective communication skills are practiced and reinforced. Students are put in positions of increased responsibility and leadership. Students demonstrate the ability to lead a group of individuals in various military drills.

## **Naval JROTC Competitive Air Rifle Class**

Recommended Grade Placement: 9-12

ROHS Number: 999080

Credit: 0.5-1

GPAL: ?

Prerequisite: Must be enrolled in NJROTC course and have instructor approval

PEIMS NJROTC ARC 84200XXX

This course develops basic and advanced knowledge and marksmanship skills for students who compete in local and regional JROTC rifle competitions. Note: This course may be taken for local credit only.

## **Naval JROTC Competitive Drill Team Class**

Recommended Grade Placement: 9-12

ROHS Number: 999085

Credit: 0.5-1

GPAL: ?

Prerequisite: Must be enrolled in NJROTC course and have instructor approval

PEIMS NJROTC DTC 84200XXX

This course develops basic and advanced knowledge and marching skills for students who compete in local and regional JROTC drill competitions. Note: This course may be taken for local credit only.

## **2020-2021 Red Oak ISD School Board**

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