



SECONDARY COURSE GUIDE

HUTTO ISD

2026-2027

Inspiring Excellence

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Superintendent's Message

Dear Hippo Nation,

Welcome to Hutto ISD's Secondary Course Guide, a resource designed to help students and families explore the many opportunities available throughout middle school and high school.

Secondary school is an important time in a student's educational journey. It is a time for exploration, discovery, and preparation for the future. The choices students make today help shape the opportunities they will pursue tomorrow. This guide is designed to help students and families thoughtfully navigate those choices while identifying pathways that align with their interests, talents, and goals.

At Hutto ISD, our mission is to inspire excellence in academics, character, and community. That mission serves as the foundation for every decision we make and every opportunity we provide. We are committed to creating learning experiences that challenge students academically, develop strong character, and foster meaningful connections to the world around them.

Our community's investment in public education continues to create meaningful opportunities for students. Across our secondary campuses, learners have access to innovative Career and Technical Education programs that provide hands-on, real-world experiences in high-demand fields. From health sciences and digital media production to robotics, engineering, and skilled trades, students can explore their passions while building the knowledge and skills needed for success after graduation.

As Hutto ISD continues to grow, so do the opportunities available to our students. Through expanded academic offerings, career pathways, fine arts, athletics, and leadership experiences, we are committed to ensuring every student has access to a personalized path toward future success.

These investments are about more than facilities and programs. They are about expanding opportunities, increasing choice, and helping students discover their purpose.

Whether students are pursuing advanced academics, industry certifications, dual credit coursework, military readiness, workforce experiences, or extracurricular opportunities, we want every learner to find a pathway that inspires them and helps them reach their full potential.

Families play an essential role in this process. Your encouragement, involvement, and partnership help students make informed decisions and build confidence as they prepare for life beyond high school. Together, we can ensure that every student graduates with the knowledge, skills, character, and experiences needed to thrive in college, careers, and life.

Thank you for your continued trust and partnership. I encourage you to use this guide as a resource for meaningful conversations about your student's future. We look forward to supporting every learner as they pursue their goals and continue to inspire excellence in academics, character, and community.

Jeni Neatherlin
Superintendent
Hutto Independent School District

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Hutto ISD Programming Guide provides essential information for parents and students about secondary campus offerings at Hutto High Schools. It includes details on courses, which are subject to availability based on student interest and resources. Students are encouraged to use this guide and the Student Handbook to plan their graduation programs. The guide reflects the district interpretation of state graduation requirements, which may be revised. Updates will be posted on the Hutto ISD Website at: www.hipponation.org

GENERAL ACADEMIC INFORMATION

Attendance

Attendance is essential for student success and credit attainment. State law and Hutto ISD policy require students to attend school regularly and be present for at least 90% of the days a class is offered to receive credit. Students and families should refer to the Hutto ISD Student Handbook for attendance requirements, exemptions, and appeal procedures.

Semester System

Hutto ISD operates on a semester system. Each school year is divided into two semesters, and each semester is divided into two grading periods. Most courses vary from one to two semesters in length. Credit for courses is awarded based on policy EIE. Students earn one-half credit for each successfully completed semester of a course. For year-long courses, students may earn full credit based on the yearly average in accordance with district grading guidelines. Students must earn a yearly average of 70 or higher to receive credit for a full-year course. Each semester grade must be at least 60 to be averaged.

Academic Eligibility Rules

Participation in extracurricular activities is governed by University Interscholastic League (UIL) guidelines and state law. Students must maintain academic eligibility in all enrolled courses to participate in extracurricular activities. Eligibility is evaluated according to district and UIL requirements. Students and families should consult the Student Handbook and campus administration for current eligibility procedures.

Awarding Credit, Grade Point Average, and Automatic Admission

Awarding of Credit

All information regarding the awarding of credit can be found in the [Hutto ISD Board Policy Manual](#). Details are located in the Legal Framework and Local Policy sections EI, EIA, EIC, EIE, and EIF

Grading Procedures

Information on Hutto ISD grading procedures can be found in the Hutto ISD Grading and Reporting Handbook

Grade Point Average

All information related to Hutto ISD grade point average (GPA), including weighted courses, class rank, and academic honors, can be found in [Hutto ISD Board Policy Manual](#) sections EI, EIA, EIC, EIE, and EIF

Automatic Admission to Institution of Higher Education

Texas Education Code and school district policy related to a student's automatic admission to an institution of higher education can be found in Hutto ISD Board Policy Manual section EIC.

Credit Through Credit By Examination (CBE)

Students may earn credit through Credit by Examination in accordance with state law and district policy. Examinations may be available for:

- Acceleration without prior instruction
- Credit recovery with prior instruction
- Transfer credit evaluation

Students should contact their counselor for testing dates, registration requirements, and eligibility criteria.

Credit Recovery

Students who fail a course or lose credit due to attendance requirements may have opportunities to recover credit through district-approved credit recovery programs.

Available options may include:

- Online credit recovery courses
- Summer school opportunities
- Credit by Examination where applicable
- Other approved instructional programs

Participation is subject to counselor and administrative approval.

State Credit Courses

All courses that are to be counted toward graduation must be state-approved. Only under certain circumstances and with administrative approval will a student be considered for graduation under the Foundation plan.

Physical Education Substitutions

The District shall allow students to substitute certain physical activities for the 1.0 required credit of physical education. Such substitutions shall be based on the physical activity involved in:

- Drill team, Marching Band, and Cheerleading during the fall semester.
- Athletics
- ROTC

The District shall award state graduation credit for physical education for appropriate private or commercially sponsored physical activity programs conducted either on or off campus, upon approval by the Commissioner of Education. (See also EHAC) 05-22-2007. Applications are available upon request.

Grade Level Classification of Students and Early Graduation

Grade level advancement for students in grades 9-12 shall be determined by the number of course credits earned according to the classification chart below. These classifications are based on the number of credits actually completed prior to registration on the first day of the school year. Hutto ISD does not promote students during the school year.

Grade 9	promoted/placed from 8th grade
Grade 10	earned 6 credits
Grade 11	earned 12 credits
Grade 12	earned 18 credits

Early Graduation

Students wishing to graduate in less than four years must apply during registration at the end of their 9th-grade year and have a parent conference with their counselor. Students who wish to declare early graduation after their 9th-grade year will be handled on a case-by-case basis. Early graduates may only receive the Distinguished Level of Achievement Plan plus endorsement.

Subject Load for Students

- Students in grades 9-12 must be enrolled in at least eight credit hours of classes each semester.
- Off-periods are not a right and will be at the counselor's and administration's discretion.
- Students who plan to work off campus during the school day must be enrolled in the career preparation program.

Foundation without Endorsement Plan

All courses that will count toward graduation must be state-approved. Under certain circumstances, and only with administrative approval, may students graduate without an endorsement.

Scheduling Procedures

Students select courses during the annual registration process in consultation with counselors, teachers, and families. Course requests are used to build the master schedule and determine staffing allocations. Because staffing and course availability are based on student requests, schedule changes are limited after schedules are finalized. Any course request changes must be made before the end of the spring semester for the following school year.

During the first five (5) class days of a semester, students may drop and add classes based on class availability and counselor approval. **These changes will be limited to students needing to repeat a failed course, changes resulting from a change in graduation plans, or correcting a scheduling error.** The changes will not be recorded on the student's academic record. Students who add classes during this time will be responsible for all makeup work required by the teacher. Students cannot add a course after the first ten days of the semester. Senior students with no off-campus periods in their schedules may drop a regular course within the first six weeks of the semester without academic penalty. All other schedule changes will be limited to those requested by an ARD committee, 504 committee, LPAC committee, teacher, or counselor, with the approval of an administrator. Requests are reviewed on a case-by-case basis and approval is not guaranteed.

Office Initiated Schedule Changes: Changes in schedules may also be made for classes that do not have a high enough enrollment to offer the course or when there are irresolvable conflicts in the schedule. In this event, a student may be placed in one of their alternate course selections identified on the student's course selection form or an available course with open seats. Counselors may also revise schedules based on acceleration requirements related to EOC testing or other academic needs. In addition, students who fail courses at the end of the school year may lose an elective to repeat a required course for graduation.

Further information can be found in the [Hutto ISD Grading and Reporting Handbook](#).

Transfer of Credits

Students Transferring from Home Schooling Programs or Schools Outside of the United States

General Procedures

Students will be enrolled in the 9th grade unless they enter with coursework documentation acceptable to Hutto ISD. The high school administration will determine the awarding of credit after reviewing and translating all documentation.

Homeschooling Programs

The district does NOT accept credits earned through non-accredited homeschooling programs. Students must provide enrollment documentation and completion of non-accredited homeschooling courses to take credit-by-exam with prior instruction.

Students without Formal Records

If transcripts cannot be translated, or there is no formal documentation, students must take credit-by-examination tests offered through either the University of Texas or Texas Tech University for exams unavailable through the district. If a student chooses to take credit-by-exam tests offered through the University of Texas or Texas Tech University instead of district-approved courses for which credit-by-exam is provided, including electives, he/she will be eligible to receive credit.

Transfer of Grades

Transfer grades are recorded from transcripts and are given the numerical equivalent according to the grade scale of the sending school. If none is provided, the following conversion is used: A+=98, A=95, A-=92, B+=88, B=85, B-=82, C+=78, C=75, C-=72, D=70, and F=65.

Refer to board policy [Hutto ISD Board Policy Manual](#) sections EHDB, EHDC, EHDD, EHDE, and FD for additional guidance on alternative methods for earning credit.

ASSESSMENT PROGRAMS

Students in Hutto ISD participate in a variety of assessment programs. These include national, state, and locally developed tests to assess student achievement. The State of Texas Assessment of Academic Readiness (STAAR) program at the state level includes students in grades 3 through 8 and five high school courses.

STAAR End of Course Assessments

The STAAR End of Course Requirements apply to students who first entered grade 9 beginning in the fall of 2011 or later. Students are required to take STAAR End of Course (EOC) tests in each of the following subjects and meet the satisfactory achievement standards.

- English 1
- English 2 (for Class of 2027 only)
- Algebra 1
- Biology
- US History

Each EOC exam will have a designated satisfactory performance score. If the student does not meet the score requirement, the student will be required to retake the test. Students not passing the EOC may retest during scheduled testing administrations offered in Spring, December, and June.

Texas English Language Proficiency Assessment System (TELPAS)

Based on Every Student Succeeds Act (ESSA) mandates, the State requires Emergent Bilingual students to be assessed in the following domains of English language in grades K to 12: reading, writing, listening, and speaking. Based on state law and State Board of Education rules, all students in grades 2 to 12 identified as Emergent Bilingual will take the TELPAS Listening, Speaking, Reading, and Writing assessments online. This includes Emergent Bilingual (EB) students whose parents have denied the program. EB students served through special education will also participate unless their Admission, Review, and Dismissal (ARD) committee exempts them because their disability prevents appropriate measurement in one or more domains. EB students will participate until they meet the EB reclassification criteria. EB students who qualify for STAAR Alt 2 may be administered TELPAS Alt.

College Board Advanced Placement® Program

The College Board's Advanced Placement (AP) Program offers high school students an opportunity to take college-level courses in a variety of subjects while still in high school. The benefits of taking an AP course include:

- AP courses offer the opportunity to study a subject in-depth at the college level. This better prepares students for college success.
- If a student receives a high enough score on an AP Exam, the student may be eligible for credit, advanced placement or both at most colleges in the United States. The AP Credit Search tool is a helpful resource for determining how much and what kind of credit a college could apply.
- The AP Program offers a number of AP Scholar Awards to students for outstanding performance on AP Exams. If a student qualifies, colleges will recognize this achievement.

AP courses are open enrollment; any student may enroll in any AP course as long as the prerequisite courses have been completed. Careful consideration of the time demands of a student's extracurricular activities, employment, community service, homework, and other activities should be considered. If students have questions regarding these courses and/or earning credit through AP Exams, they should contact their student's teacher or counselor. AP policies of colleges and universities vary greatly; therefore, students should check with the admissions office of the schools they are interested in or online at www.collegeboard.org to verify what scores are necessary to obtain credit. Scores are not made available until July of the testing year. The AP courses offered in Hutto ISD each year prepare students for the AP exams in May. Students enrolled in AP courses will be expected to take the corresponding AP exam. A student may be eligible for subsidies based on financial need for AP exam fees. If a student withdraws from an AP course, the current grade will transfer to the new course with no weight. Students may only drop a course within the first two weeks of the course or at the end of the nine weeks.

DUAL CREDIT

Dual Credit allows eligible high school students to earn both high school and college credit at the same time by successfully completing college-level courses. For detailed information about eligibility, enrollment, costs, expectations, and program requirements, please refer to the [Hutto ISD Advanced Academics Handbook](#).

Tuition and Fees

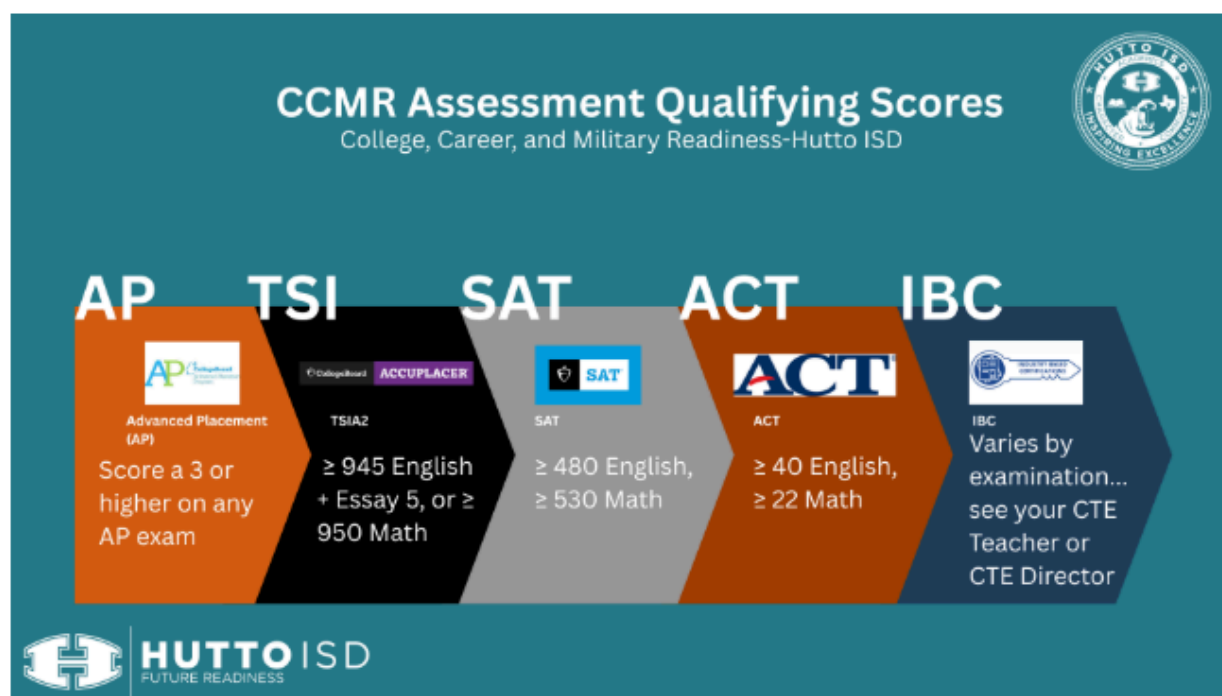
Temple College provides **free tuition** for qualifying Hutto ISD students who reside within the Temple College service district. Students who reside outside the Temple College district are responsible for applicable tuition charges. In addition, **all dual credit students**, regardless of residency, may be responsible for required textbook, software, or lab fees associated with their courses. Students enrolled in dual credit courses through **Texas State Technical College (TSTC)** are responsible for the course fees listed in the course descriptions within this catalog.

COLLEGE, CAREER, AND MILITARY READINESS (CCMR)

The goal of Hutto ISD is for every student to graduate College, Career, and Military Ready (CCMR). Students demonstrate CCMR by successfully meeting one or more of the criteria established by the Texas Education Agency (TEA), including:

- Meet criteria on TSIA2, SAT, or ACT (see qualifying scores below)
- Advanced Placement (AP) exam (score 3 or higher)
- Dual Credit (3 credit hours in Math or English OR 9 hours of any other course earned in the fall or spring semesters)
- Associate's Degree
- Earn an industry-based certification (IBC) AND be a completer in a CTE program of study
- Special Education: Graduate with an advanced degree plan and an endorsement OR graduate with an IEP and workforce readiness
- Enlist in the U.S. Armed Forces or the Texas National Guard

Hutto ISD encourages every student to develop a personalized postsecondary plan and pursue opportunities that prepare them for success after high school, whether that path includes college, career training, military service, or a combination of these options.



College Entrance Exams (SAT and ACT)

Many colleges and universities consider SAT and ACT scores as part of the admissions process. These scores may also be used for scholarship consideration, course placement, and other opportunities.

Students are encouraged to:

- Take the SAT and/or ACT during the spring of their junior year, with additional opportunities available during the senior year if desired.
- Visit the official testing websites for registration dates, deadlines, and test preparation resources:
- College Board (SAT)
- ACT
- Speak with their school counselor regarding fee waivers if they qualify based on financial need.

Preliminary SAT (PSAT/NMSQT)

Hutto ISD encourages students to participate in the PSAT as an important step toward college readiness.

The PSAT:

- Provides valuable practice for the SAT.
- Measures college and career readiness.
- Identifies academic strengths and areas for growth.
- May qualify high-performing juniors for the National Merit Scholarship Program and other scholarship opportunities.

Students can access free, personalized SAT preparation through Khan Academy by linking their College Board account to receive customized practice based on their PSAT results.

Texas Success Initiative Assessment 2.0 (TSIA2)

The Texas Success Initiative Assessment 2.0 (TSIA2) is used by Texas public colleges and universities to determine whether students are ready for college-level coursework in English Language Arts and Reading (ELAR) and Mathematics. Students planning to enroll in Dual Credit courses or attend a Texas public college may be required to demonstrate college readiness through the TSIA2 unless they qualify for an approved exemption. Students may qualify for a TSIA2 exemption by meeting current state-approved college readiness benchmarks on the SAT, ACT, or through other exemptions established by the Texas Higher Education Coordinating Board. Students should work with their counselor to determine whether testing or an exemption is appropriate based on their college and career plans.

ASVAB - Armed Services Vocational Aptitude Battery

The Armed Services Vocational Aptitude Battery (ASVAB) Career Exploration Program facilitates career planning and exploration, combining a multiple-aptitude test with an interest self-assessment and various career exploration tools. The test is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success. Each school year, this FREE test is offered to all interested 10th-12th-grade students. A student does not need to join the military to take the ASVAB. This exam provides useful career aptitude information for ALL students to utilize in their future planning. Results from the test are shared only with the individual student and the campus. For more information, contact the high school campus counselor.

SPECIALIZED PROGRAMS

Emergent Bilingual (EB) and ESL Services

Hutto ISD provides language support services for students identified as Emergent Bilingual. The district's goal is to develop English language proficiency while supporting academic achievement in all content areas. Additional information is available through the Hutto ISD Academics Department.

Gifted & Talented Education

Hutto ISD provides services for students identified as Gifted and Talented in accordance with state requirements. Students receive advanced learning opportunities designed to promote critical thinking, creativity, leadership, and academic growth.

Section 504

Section 504 of the Rehabilitation Act of 1973 is a Civil Rights Act, which prohibits discrimination against individuals with a disability in any program receiving Federal financial assistance. To fulfill its obligation under Section 504, Hutto ISD recognizes a responsibility to avoid discrimination in policies and practices regarding its students. No discrimination against any student solely due to his/her disability will knowingly be permitted in any of the programs and practices in the school system. The school district has specific responsibilities under Section 504, including identifying, evaluating, and, if the student is determined to be eligible under Section 504, affording access to necessary educational accommodations.

Special Education

Hutto ISD provides a continuum of special education services for students with disabilities. Special education services are provided according to the student's Individualized Education Plan (IEP) as per the recommendation of the Annual Review and Dismissal (ARD) Committee. For more information, please see the Hutto ISD Special Education webpage at [Special Education – Hutto ISD Services](#). Please contact Cassandra Hulsey, Director of Special Education, with any questions.

Dyslexia Services:

Texas law mandates and structures the identification and instruction of students with dyslexia and related disorders. Hutto ISD identifies and serves students with dyslexia and related disorders in accordance with Texas Education Agency requirements. Instruction is provided using evidence-based programs designed to improve reading, writing, and language development.

HUTTO ISD GRADUATION PLANS

High school

This section of the Course Catalog provides information on graduation requirements and pathways of study available in Hutto ISD. Pathways are career clusters part of the Achieve Texas College and Career Initiative, designed to help students (and their parents) make informed education decisions. It is based on the idea that the education of the 21st century should combine rigorous academics with relevant career education. When schools integrate academic and technical education, students can see the "relevance" of their learning.

The Pathways allow students to study a particular field in depth and facilitate a seamless transition from secondary to postsecondary opportunities. They ensure that every student graduates college, career, and military ready (CCMR).

Hutto ISD offers students various state-mandated graduation plans. College entrance and employer requirements vary, so students should carefully choose high school courses and research postsecondary and employment requirements before selecting their graduation plan.

To graduate on the Foundation + Endorsement(s) Plan, Hutto ISD students need at least 26 credits.

The Distinguished Level of Achievement is necessary for Automatic (Top 10%) Admission to Texas public colleges and universities.

All courses used to meet State graduation requirements must be selected from State Board of Education (SBOE)-approved courses, except some elective credits which may be locally approved. All courses in this catalog are State Board-approved unless noted as Local Credit Only. Locally developed electives (Local Credit Only) have been designed to meet an identified Hutto ISD need or interest. Local credit courses do not count toward graduation credits and are not calculated into GPA.

Distinguished Level of Achievement Graduation Plan – 26 credits

Students must fulfill the Graduation requirements of at least 1 of the 5 Endorsements in the table below and successfully complete Algebra II.

Foundation + Endorsement Graduation Plan – 26 credits

STEM	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary
4 English: English I, II, III, & 1 Advanced English*	4 English: English I, II, III, 1 Advanced English*	4 English: English I, II, III, 1 Advanced English*	4 English: English I, II, III, 1 Advanced English*	4 English: English I, II, III, 1 Advanced English*
4 Math: Algebra I, Geometry, Algebra II** & one advanced math*	4 Math: Algebra I, Geometry & two advanced math*	4 Math: Algebra I, Geometry & two advanced math*	4 Math: Algebra I, Geometry & two advanced math*	4 Math: Algebra I, Geometry & two advanced math*
4 Science: Biology, Chemistry, Physics & one advanced science*	4 Science: Biology, Chemistry, and two advanced science*	4 Science: Biology, Chemistry, and two advanced science*	4 Science: Biology, Chemistry, and two advanced science*	4 Science: Biology, Chemistry, and two advanced science*
3 Social Studies: World Geography or World History, US History, Government (.5) & Personal Financial Literacy (.5)	3 Social Studies: World Geography or World History, US History, Government (.5) & Personal Financial Literacy (.5)	3 Social Studies: World Geography or World History, US History, Government (.5) & Personal Financial Literacy (.5)	4 Social Studies: World Geography, World History, US History, Government (.5) & Personal Financial Literacy (.5)	4 Social Studies: World Geography, World History, US History, Government (.5) & Personal Financial Literacy (.5)
2 LOTE	2 LOTE	2 LOTE	2 LOTE	2 LOTE
1 Physical Education	1 Physical Education	1 Physical Education	1 Physical Education	1 Physical Education
1 Fine Arts	1 Fine Arts	1 Fine Arts	1 Fine Arts	1 Fine Arts
4 Electives in STEM Pathway	4 Electives in Business & Industry Pathway	4 Electives in Public Service Pathway	4 Electives in Arts & Humanities Pathway	4 Electives in Multidisciplinary Pathway
3 Additional Electives	3 Additional Electives	3 Additional Electives	3 Additional Electives	3 Additional Electives

*Advanced courses for endorsement completion are denoted in course descriptions for English, math, and science.

**While a student is not required by state law (Texas Education Code, Section 28.025) to successfully complete Algebra II as a requirement for high school graduation, a student may not earn the distinguished level of achievement or be eligible for automatic admission to a Texas public college or university if the student does not successfully complete high school Algebra II. In addition, many colleges and universities require Algebra II as an admission requirement even if the student is not in the top 10% of their class.

***Foundation Plan (22 credits); meeting required to discuss post-secondary implications.

Graduation Endorsement Options

Students may earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped by interest or skill set. They provide students with in-depth knowledge of a subject area. Students can choose from 5 endorsement areas in Hutto ISD which are listed below.

Arts & Humanities

- 4 credits in a coherent sequence from one or two of the following categories; Art, Band, Choir, Dance, Theater, or Tech Theater
- 5 credits in Social Studies

Business and Industry

- Career and Technical Education (CTE) courses that consist of a coherent sequence of courses for 4 or more credits that consist of at least 2 courses in the same career cluster and at least one Advanced CTE course in one of the following programs of study:
 - Culinary Arts
 - Graphic Design and Interactive Media
 - Maritime
 - Plant Science
 - Welding
- 4 credits in 3 levels of Journalism (Yearbook)

Multidisciplinary

- 4 credits in English, Math, Science, and Social Studies to include chemistry and/or physics and English IV

Public Services

- Career and Technical Education (CTE) courses that consist of a coherent sequence of courses for 4 or more credits that consist of at least 2 courses in the same career cluster and at least one Advanced CTE course in one of the following programs of study:
 - Nursing Science
 - Teaching and Training
 - NJROTC

Science, Technology, Engineering, and Mathematics (STEM) Endorsement

- 4 credits in Science, including chemistry and physics, plus 2 of the following: Anatomy & Physiology Hon., Forensic Science, Aquatic Science, or AP Environmental Science.
- 3 advanced credits in math including Algebra II & 2 of the following: Precalculus, AP Precalculus, AP Calculus, DC Statistics, DC Algebra

Performance Acknowledgements

Students graduating on the Foundation High School Program can earn Performance Acknowledgments on their transcript for outstanding performance in a dual credit course; in bilingualism and bi-literacy; on an AP exam; on the PSAT/NMSQT®, SAT® or ACT®; and by earning a nationally or internationally recognized business or industry certification or license. Please see page 15 of the graduation requirements link found on the [Texas Education Agency](#) website for specific Performance Acknowledgment requirements.

Additional Graduation Requirements

In addition to meeting graduation credit requirements, students must also fulfill the following to receive a high school diploma:

Financial Aid Application Requirement:

All 12th-grade students must do one of the following in order to graduate:

- Complete and submit a Free Application for Federal Student Aid (FAFSA)
- Complete and submit a Texas Application for State Financial Aid (TASFA)
- Submit a signed opt-out form

Speech Requirement:

Chapter §74.11. of Texas Education Code requires students to demonstrate proficiency in communication skills needed for professional and social success. This state requirement will be met through the completion of English III.

Instruction on Proper Interaction with Peace Officers:

Chapter §74.39. of Texas Education Code requires students to receive instruction in proper interaction with police officers at least once before graduation from high school. Hutto ISD students receive this instruction through the Hutto ISD police department.

Instruction in Cardiopulmonary Resuscitation (CPR):

Chapter §74.38. of Texas Education Code requires students to receive instruction in CPR at least once in grades 7-12 before graduation. CPR Instruction is provided to Hutto ISD students during their Freshman year.

Special Education Graduation Options

The table below outlines the graduation options available to students served in Special Education, detailing key criteria such as state assessments, performance standards, and post-graduation pathways. These options are designed to accommodate diverse student needs, strengths, and goals, ensuring equitable opportunities for success.

Graduation Options	State Assessments	Standard of Performance
Students served in Special Education who complete service upon graduation		
Option I: Foundation High School Plan + 1 or more endorsements + Distinguished Level of Achievement + Performance Acknowledgements	Satisfactory Performance on all STAAR EOCs	Students satisfactorily complete credit requirements for graduation at the standard applicable to students in general education.
Option II: Foundation High School Plan Course planning, including courses in endorsement areas, should be based on postsecondary goals and student strengths and interests.	STAAR participation required + ARD/IEP Committee determines if passing is required	
Students served in Special Education who attend high school beyond graduation		
Option III: Foundation High School Plan + 1 or more endorsements if student meets eligibility criteria	STAAR participation required + ARD/IEP Committee determines if passing is required OR STAAR Alt II	Students satisfactorily complete credit requirements through courses, one or more of which contain modified curriculum. Student must also successfully complete the student's IEP and meet one of four conditions: 1. Full-time employment plus self-help skills to maintain employment without need for support from local school district 2. Employability and self-help skills without need for direct ongoing support of local school district 3. Access to services outside of the responsibility of local school district or 4. No longer meets age eligibility



CAREER AND TECHNICAL EDUCATION

Hutto ISD Career and Technical Education empowers students with the skills, knowledge, and real-world experiences needed for lifelong success while building the workforce that drives our community's future.

Notice of Nondiscrimination in Career and Technical Education Programs

Hutto Independent School District offers career and technical education programs in twenty programs of study. Admission to these programs is based on open enrollment.

It is the policy of Hutto Independent School District not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Hutto Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Hutto Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator at amy.huddleston@huttoisd.net, 512 759-4700, and/or the Section 504 Coordinator at cassandra.hulsey@huttoisd.net, 737-327-5261.

Notificación Pública de No Discriminación en Programas de Educación Técnica y Vocacional

Hutto Independent School District ofrece programas de educación técnica y vocacional en veinte programas de estudio. La admisión a estos programas se basa en matriculación abierta.

Es norma de Hutto Independent School District no discriminar en sus programas, servicios o actividades vocacionales y brinda igualdad de acceso a los Boy Scouts y otros grupos juveniles designados por motivos de raza, color, origen nacional, sexo o impedimento, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Es norma de Hutto Independent School District no discriminar en sus procedimientos de empleo por motivos de raza, color, origen nacional, sexo, impedimento o edad, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Hutto Independent School District tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales.

Para información sobre sus derechos o procedimientos de quejas, comuníquese con el Coordinador del Título IX en 200 College Street, amy.huddleston@huttoisd.net, 512 759-4700, y/o el Coordinador de la Sección 504 en 200 College Street, cassandra.hulsey@huttoisd.net, 737-327-5261.

CTE Notice of Insurance

HB 639 allows a school district to provide insurance for Career and Technical Education (CTE) experiences. The Board of Trustees maintains accident, liability, or automotive insurance coverage to protect participants in a district CTE program. This note is to serve as notification that changes have been made to the HISD coverage document to now include students who are involved in the CTE programs, while acting within the parameters of the course.



CAREER & TECHNICAL EDUCATION HUTTO ISD

PROGRAMS OF STUDY

Agriculture, Food, and Natural Resources

- Animal Science
- Agricultural Technology & Mechanical Systems

Arts, Audio Visual Technology, and Communications

- Digital Communications
- Graphic Design & Interactive Media

Business, Marketing, and Finance

- Accounting & Financial Services
- Business Management
- Entrepreneurship

Education and Training

- Teaching & Training

Engineering

- Engineering Foundations

Health Science

- Diagnostic & Therapeutic Services
- Nursing Science

Hospitality and Tourism

- Culinary Arts

Human Services

- Family & Community Services

Information Technology

- Cybersecurity
- Programming & Software Development

Law and Public Service

- Law Enforcement

Manufacturing

- Manufacturing Technology
- Robotics & Automation Technology
- Welding

Transportation, Distribution, and Logistics

- Automotive Technology

Hutto ISD does not discriminate on the basis of race, color, national origin, sex, or disability in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Director of Employee Relations, 200 College Street, 512 759-3771, amy.huddleston@huttoisd.net.

2026 - 2027



CAREER & TECHNICAL EDUCATION **HUTTO ISD**

PROGRAMS OF STUDY

PROGRAM OF STUDY	LEVEL 1 COURSE	LEVEL 2 COURSE	LEVEL 3 COURSE	LEVEL 4 COURSE	CERTIFICATION/ OUTCOME
Accounting & Financial Services	- Principles of Business, Marketing, & Finance - Foundations of Business Communications & Technologies	- Accounting I - Entrepreneurship I - Financial Mathematics	Accounting II	Practicum in Business Management	Intuit QuickBooks Certified User
Agricultural Technology & Mechanical Systems	Principles of Agriculture, Food, & Natural Resources	Agricultural Mechanics & Metal Technologies	Agricultural Structures Design & Fabrication	- Agricultural Equipment Design & Fabrication - Practicum in Agriculture, Food, & Natural Resources	AWS D1.1 Structural Steel
Animal Science	Principles of Agriculture, Food, & Natural Resources	- Small Animal Management - Equine Science - Entrepreneurship I	Livestock & Poultry Production	- Advanced Animal Science - Veterinary Science - Practicum in Agriculture, Food, & Natural Resources	- Certified Veterinary Assistant - Animal Science - Equine Management - Veterinary Medical Applications
Automotive Technology	Any CTE Fundamentals or Principles Course	- Automotive Basics - Entrepreneurship I	Automotive Technology I	- Automotive Technology II - Practicum in Transportation Systems	- ASE - Entry Level (10) - ASE - Refrigerant Recovery & Recycling
Business Management	- Principles of Business, Marketing, & Finance - Foundations of Business Communications & Technologies	- Business Law - Business Communications & Technologies - Entrepreneurship I	Business Management	- Statistics & Business Decision Making - Practicum in Business Management	Entrepreneurship & Small Business
Culinary Arts	- Principles of Hospitality & Tourism - Introduction to Culinary Arts	- Culinary Arts I - Entrepreneurship I	Culinary Arts II	- Food Science - Practicum in Culinary Arts	- ServSafe Manager - Food Science Fundamentals
Cybersecurity	Fundamentals of Computer Science	- Networking Technologies - AP Computer Science Principles - Computer Science I	- Networking - AP Computer Science A	- Cybersecurity Capstone - Practicum in Information Technology	Dual Credit
Digital Communications	Principles of Arts, AV Technology, & Communications	- Audio/Video Production I - Entrepreneurship I	Audio/Video Production II	Practicum in Audio/Video Production	Adobe - Premiere
Engineering Foundations	- Principles of Applied Engineering - Physics for Engineering	- Manufacturing Engineering Technology I - Robotics I	- Engineering Design & Presentation I - Engineering Mathematics - Engineering Science - Robotics II	- Engineering Design & Presentation II - Engineering Design & Problem Solving - Practicum in Engineering	- Autodesk Certified Professional - Inventor - FANUC Robot Operator with ROBOGUIDE
Entrepreneurship	- Principles of Business, Marketing, & Finance - Foundations of Business Communications & Technologies	Entrepreneurship I	- Entrepreneurship II - Mobile Application Development	- Statistics & Business Decision Making - Practicum in Entrepreneurship	Entrepreneurship & Small Business
Family & Community Services	- Principles of Human Services - Professional Communications - Dollars & Sense	- Child Development - Lifetime Nutrition & Wellness - Interpersonal Studies - Entrepreneurship I	Family & Community Services	Practicum in Human Services	Community Health Workers
Graphic Design & Interactive Media	Principles of Arts, AV Technology, & Communications	- Animation I - Commercial Photography I - Graphic Design & Illustration I - Digital Design & Media Production - Entrepreneurship I	- Animation II - Commercial Photography II - Graphic Design & Illustration II	- Practicum in Animation - Practicum in Commercial Photography - Practicum in Graphic Design & Illustration	- Adobe - Illustrator - Adobe - Photoshop - Adobe - Premiere - Web Animator Associate
Health Science	Principles of Health Science	Medical Terminology	- Health Science Theory - Anatomy & Physiology - Medical Microbiology	- Practicum - EMT - Practicum - Medical Assistant - Practicum - Pharmacy Technician	- Clinical Medical Assistant - EMT - Basic (Dual Credit) - Pharmacy Technician
Law Enforcement	Principles of Law, Public Safety, Corrections, & Security	- Law Enforcement I - Criminal Investigations	- Law Enforcement II - Forensic Psychology	- Forensic Science - Practicum in Law, Public Safety, Corrections, & Security	IAED Emergency Telecommunicator
Manufacturing Technology	- Principles of Applied Engineering - Principles of Manufacturing - Blueprint Reading for Manufacturing Applications	- Metal Fabrication & Machining I - Entrepreneurship I	Metal Fabrication & Machining II	Practicum in Manufacturing	Dual Credit
Programming & Software Development	Fundamentals of Computer Science	- AP Computer Science Principles - Computer Science I - Entrepreneurship I - Game Programming & Design	- AP Computer Science A - Computer Science II - Mobile Application Development	- Computer Science III - Practicum in Information Technology	Advanced Placement
Robotics & Automation Technology	- Principles of Applied Engineering - Principles of Manufacturing	- Robotics I - Manufacturing Engineering Technology I	- Robotics II - Engineering Design & Presentation	Practicum in Manufacturing	- Autodesk Certified Professional - Inventor - FANUC Robot Operator with ROBOGUIDE
Teaching & Training	Principles of Human Services	- Child Development - Communication & Technology in Education	Instructional Practices	Practicum in Education & Training	Educational Aide I
Welding	Principles of Manufacturing	- Welding I - Entrepreneurship I	Welding II	Practicum in Manufacturing	Dual Credit

HUTTO ISD HIGH SCHOOL COURSE DESCRIPTIONS

English Language Arts and Reading

Advanced Journalism: Yearbook I

Service ID: 03230110

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): Journalism

Recommended Prerequisite(s): None

Description

An applied course that is designed to teach students about the steps involved in creating and publishing a high school yearbook. Students apply techniques of layout by designing pages and by writing copy, cut lines, and headlines, as well as by cropping pictures using desktop publishing software. The students sell advertisements to local merchants, gaining knowledge of the business community. Students will be required to cover events and work outside regular school hours.

Advanced Journalism: Yearbook II

Service ID: 03230120

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): Yearbook I

Recommended Prerequisite(s): None

Description

An applied course that is designed to teach students about the steps involved in creating and publishing a high school yearbook. Students apply techniques of layout by designing pages and by writing copy, cut lines, and headlines, as well as by cropping pictures using desktop publishing software. The students sell advertisements to local merchants, gaining knowledge of the business community. Students will be required to cover events and work outside regular school hours.

AP English Language & Composition

Service ID: A3220100

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: Additional cost for

College Credit Hours: None

Weight: Advanced

AP Exam

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Advanced Placement English Language and Composition examines major elements of non-fiction and American literature. Additionally, students prepare for the AP English Language and Composition exam, with an emphasis on writing under time constraints. Students read from a variety of genres that address varying historical periods, disciplines, and rhetorical contexts. Students apply stylistic and rhetorical strategies and techniques to their own writings while reading and analyzing 5-8 required anchor texts. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

AP English Literature & Composition**Service ID:** A3220200**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Additional cost for**College Credit Hours:** None**Weight:** Advanced

AP Exam

Prerequisite(s): None**Recommended Prerequisite(s):** None**Description**

Advanced Placement English Literature and Composition includes the study of prose and poetry by British and world authors from the 16th century through contemporary times. Students prepare for the AP English Literature and Composition exam by emphasizing writing under time constraints while also reading and analyzing 5-8 required anchor texts during the school year. This course satisfies the 4th English credit requirements when taken along with successful completion of English I, English II, and English III. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

Business English**Service ID:** 13011600**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** English III**Recommended Prerequisite(s):** None**Description**

In Business English, students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology. Note: This course satisfies the high school advanced English graduation requirement.

Debate I**Service ID:** 03240600**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course emphasizes concepts of debate, critical thinking, argumentation, and public speaking. It is also designed to help students become interested in current public policy both national and international. Students will have the opportunity to compete in UIL competition if selected as a member of the school's debate team.

Debate II**Service ID:** 03240700**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Debate I**Recommended Prerequisite(s):** None**Description**

This course emphasizes concepts of debate, critical thinking, argumentation, and public speaking. It is also designed to help students become interested in current public policy both national and international. Students will have the opportunity to compete in UIL competition if selected as a member of the school's debate team.

Debate III**Service ID:** 03240700**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Debate II**Recommended Prerequisite(s):** None**Description**

This course emphasizes concepts of debate, critical thinking, argumentation, and public speaking. It is also designed to help students become interested in current public policy both national and international. Students will have the opportunity to compete in UIL competition if selected as a member of the school's debate team.

English 1**Service ID:** 03220100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Students explore the interconnected nature of reading, writing, speaking, listening and critical thinking using multiple genres for study and composition. Students develop research skills necessary to organize and present ideas and information while continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy

English 1 for Speakers of Other Languages**Service ID:** 03200600**Grade Level(s):** 9, 10, 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** English Language Development and Acquisition (ELDA)**Description**

The ESOL Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. They are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy. The seven strands of this course mirror the essential knowledge and skills for English language arts and reading, which are intended to be integrated for instructional purposes and are recursive in nature. Strands include the four domains of language (listening, speaking, reading, and writing) and their application in order to accelerate the acquisition of language skills so that students develop high levels of social and academic language proficiency. Additionally, students should engage in academic conversations, write, read, and be read to on a daily basis with opportunities for cross-curricular content and student choice. ESOL I may be substituted for English I

English 2**Service ID:** 03220200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Students explore the interconnected nature of reading, writing, speaking, listening and critical thinking using multiple genres for study and composition. Students develop research skills necessary to organize and present ideas and information while continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy

English 2 for Speakers of Other Languages**Service ID:** 03200700**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** English Language Development and Acquisition (ELDA)**Description**

The ESOL Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The seven strands of this course mirror the essential knowledge and skills for English language arts and reading, which are intended to be integrated for instructional purposes and are recursive in nature. Strands include the four domains of language (listening, speaking, reading, and writing) and their application in order to accelerate the acquisition of language skills so that students develop high levels of social and academic language proficiency. Additionally, students should engage in academic conversations, write, read, and be read to on a daily basis with opportunities for cross-curricular content and student choice. ESOL II may be substituted for English II

English 3**Service ID:** 03220200**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Students explore the interconnected nature of reading, writing, speaking, listening and critical thinking using multiple genres for study and composition. Students develop research skills necessary to organize and present ideas and information while continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy

English 4**Service ID:** 03220400**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Students explore the interconnected nature of reading, writing, speaking, listening and critical thinking using multiple genres for study and composition. Students develop research skills necessary to organize and present ideas and information while continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy

Honors English 1**Service ID:** 03220100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as English 1 with more depth and complexity. AP & Honors classes may encourage a summer project

Honors English 2**Service ID:** 03220200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as English 2 with more depth and complexity. AP & Honors classes may encourage a summer project

Journalism**Service ID:** 03230100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course is designed to teach students the fundamentals of Journalism in both publishing and broadcasting. Students will learn to write Journalistic styles of news writing, editorial writing, feature writing, and headline writing. This course will also cover the laws and ethics of journalism as well as the history of journalism and its impact. Students will learn how to cover events by conducting interviews and taking pictures. Students will receive an introduction of news and yearbook design.

Math

Accounting II**Service ID:** 13016700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Accounting I**Recommended Prerequisite(s):** None**Description**

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

Advanced Placement (AP) Computer Science A**Service ID:** A3580110 &
A3580120**Grade Level(s):** 11, 12**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x) = x + 2$ and $f(x) = g(h(x))$ **Description**

AP Computer Science A explores how to use, build, and work with the technologies of tomorrow to help answer some of the biggest questions of today. In this course, you'll design and implement computer programs using a subset of the Java programming language that can be used to develop algorithms, data structures, and solve problems.

Advanced Quantitative Reasoning**Service ID:** 03102510**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Geometry and
Algebra 2**Recommended Prerequisite(s):** None**Description**

This course is designed for students who like word problems and can think at the synthesis level on Bloom's taxonomy. This course is an engaging, relevant, and rigorous course that provides students with an alternative to Pre-AP Calculus or AP Statistics after Algebra 2. It provides a strong background in statistics, as well as addressing interesting and important topics in finance, discrete math, trigonometry, and other areas of mathematics, and it uses what students have learned in algebra and geometry to model and to solve a variety of problems.

Algebra 1**Service ID:** 03100500**Grade Level(s):** 9, 10, 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will expand existing quantitative skills to include algebraic and symbolic reasoning. Emphasis is placed on the relationship between equations and functions, problem-solving skills, linear functions, and the use of graphing technology. Other topics include systems of linear equations, quadratic, and other nonlinear functions.

Algebra 2**Service ID:** 03100600**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

This course broadens the concepts mastered in Algebra I and Geometry as a way to express and analyze relationships by performing symbolic manipulations augmented with today's learning tools, such as graphing calculators. The course will include concepts such as rational expressions, quadratic functions and equations, irrational and complex numbers, products and factors of polynomials.

Algebraic Reasoning**Service ID:** 03102540**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

In this course, students build on their mathematical knowledge and skills to broaden their understanding of functions and relationships. Students will study these functions through analysis and application that include explorations of patterns and structure, algebraic methods and modeling from data using tools that build toward workforce and college readiness.

AP Calculus AB**Service ID:** A3100101**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Precalculus**Description**

AP Calculus AB is a rigorous and fast-paced and is equivalent to the first semester of college-level Calculus. This course emphasizes a conceptual understanding of calculus utilizing a multi-representational approach and covers limits, derivatives, integrals and approximation. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

AP Calculus BC**Service ID:** A3100102**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Precalculus**Description**

AP Calculus BC is a rigorous and fast-paced course and is equivalent to two semesters of college-level Calculus and covers all course content of AP Calculus AB. Additional topics include parametric, polar and vector functions as well as polynomial approximations and series. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

AP Precalculus**Service ID:** A3100100**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Geometry and Algebra 2**Recommended Prerequisite(s):** None**Description**

This course emphasizes a conceptual understanding of functions and their graphs and covers polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, and general functions involving parameters, vectors, and matrices. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may be encouraged to complete a summer project. Students who take AP Precalculus are not eligible to take Precalculus as the TEKS in Precalculus are duplicated in AP Precalculus.

AP Statistics**Service ID:** A3100200**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Algebra 2 and Geometry**Recommended Prerequisite(s):** None**Description**

AP Statistics is equivalent to one semester of college level statistics. AP Statistics is built around four main topics: exploring data, planning a study, understanding probability theory and acquiring critical inferential reasoning skills. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

Engineering Mathematics**Service ID:** 13036700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Engineering Mathematics is a course where students solve and model design problems. Students will use a variety of mathematical methods and models to represent and analyze problems that represent a range of real-world engineering applications such as robotics, data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and computer programming.

Financial Mathematics**Service ID:** 13018000**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors.

Geometry**Service ID:** 03100700**Grade Level(s):** 8, 9, 10, 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

In this course, students strengthen their mathematical reasoning skills in a geometric context. Students will study properties and relationships of geometric figures with a focus on size, shape, location, direction and the orientation of these figures.

Honors Algebra 2**Service ID:** 03100600**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as Algebra 2 with more depth and complexity. In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. AP & Honors classes may encourage a summer project.

Honors Geometry**Service ID:** 03100700**Grade Level(s):** 8, 9, 10, 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

In this course, students deepen their understanding of geometric relationships through rigorous reasoning, proof, and complex problem-solving. Emphasis is placed on justification, precision, and multiple representations, including coordinate and transformational approaches. Students engage in mathematical discourse and independent inquiry at an accelerated pace to prepare for advanced mathematics. AP & Honors classes may encourage a summer project.

Math Models**Service ID:** 03102400**Grade Level(s):** 10, 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course builds on K–8 and Algebra I skills to prepare students for Algebra II and postsecondary pathways. Students apply mathematics in real-world contexts such as finance, science, and engineering, using algebraic, graphical, and geometric reasoning to model, solve problems, and communicate solutions with a variety of tools and strategies.

Precalculus**Service ID:** 03101100**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Geometry and

Algebra 2

Recommended Prerequisite(s): None**Description**

Precalculus is the preparation for calculus. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students approach topics from a function point of view, where appropriate.

Robotics II**Service ID:** 13037050**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Robotics I**Recommended Prerequisite(s):** None**Description**

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Statistics and Business Decision Making**Service ID:** 13016900**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra II**Recommended Prerequisite(s):** None**Description**

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

Science

Advanced Animal Science**Service ID:** 13000700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular

Prerequisite(s): Biology and chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock and Poultry Production

Recommended Prerequisite(s): Veterinary Science**Description**

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of animal production, including canine, feline, bovine, equine, caprine, porcine, ovine, poultry, and lagomorpha production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. Students must meet the 40% laboratory and fieldwork requirement.

Advanced Medical Microbiology**Service ID:** 13020700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster**Recommended Prerequisite(s):** None**Description**

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Anatomy and Physiology**Service ID:** 13020600**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics**Recommended Prerequisite(s):** A course from the Health Science career cluster**Description**

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

AP Biology**Service ID:** A3010200**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

In this college-level biology course, students explore the unifying themes that integrate the major topics of biology: evolution, cellular process, energy, genetics, information transfer, and ecology with embedded inquiry laboratory experiences. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

AP Chemistry**Service ID:** A3040000**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

In this college-level chemistry course, students explore the conceptual and quantitative aspects of chemistry through the development of critical thinking skills. Topics of study include stoichiometry, atomic structure, states of matter, chemical bonding, kinetics, equilibrium, thermodynamics, and electrochemistry with embedded inquiry laboratory experiences. Students enrolled in an Advanced

Placement course are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

AP Environmental Science

Service ID: A3020000

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: Additional cost for AP Exam

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): Completion of or currently enrolled in a second year of mathematics

Description

In this college-level course students explore the inter-relationships of the natural world to analyze contemporary environmental problems. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. NOTE: Environmental Systems is the academic equivalent of this course. Can be taken as an Elective. AP & Honors classes may encourage a summer project.

AP Physics I

Service ID: A3050003

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: Additional cost for AP Exam

College Credit Hours: None

Weight: Advanced

Prerequisite(s): Algebra, Geometry, and credit for or concurrent enrollment in Algebra II

Recommended Prerequisite(s): None

Description

This is an algebra-based, college-level physics course that explores topics including Newtonian mechanics; work, energy and power; mechanical waves and sound; and introduces simple circuits. Through scientific inquiry students will develop critical thinking and reasoning skills. Students are expected to take the corresponding AP Exam. AP & Honors classes may encourage a summer project.

Biology

Service ID: 03010200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. A hands-on approach to investigations is emphasized to connect content with science practices.

Chemistry I

Service ID: 03040000

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Biology

Description

This course is a general study of the fundamentals of chemistry. Major topics include: matter and the periodic table, atomic structure and nuclear chemistry, chemical bonding and reactions, gas laws, thermochemistry, and solutions. A hands-on approach to investigations is emphasized to connect content with science process skills. Problem-solving requires the use of performing mathematical calculations throughout the course.

Engineering Design and Problem Solving**Service ID:** 13037300**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I, Geometry, and at least one credit in a Level 2 or higher course in the Engineering career cluster**Recommended Prerequisite(s):** Engineering Science, chemistry, or physics**Description**

The Engineering Design and Problem Solving course extends students' problem solving skills by identifying needs and then devising solutions using scientific and engineering practices. Students apply prior knowledge to develop a multi-system product or solution for a complex problem. Students demonstrate project management skills by collaborating as part of a team, conducting research, and analyzing data that culminates in a comprehensive report and presentation. Technical drawings, models, and prototypes are created using the appropriate tools, materials, and techniques. Structured decision-making processes are used to select and justify a preferred, multi-system solution to an authentic problem. Students develop, implement, and document repeated trials of experiments and tests using scientific and engineering practices to determine whether a prototype meets design requirements.

Engineering Science**Service ID:** 13037500**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I, one credit in biology, and at least one credit in a course from the Engineering career cluster**Recommended Prerequisite(s):** Geometry, Integrated Physics and Chemistry (IPC), one credit in chemistry, or one credit in physics**Description**

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

Environmental Systems**Service ID:** 03020000**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** IPC, Chemistry, or concurrent enrollment in either course**Description**

Environmental Systems is a general study of the inter-relationships between people and the natural world. Topics of study include land and resource use, biodiversity, sustainability, human impact and social responsibility. A hands-on approach to investigations is emphasized to connect content with science practices.

Food Science**Service ID:** 13023000**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular

Prerequisite(s): One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Hospitality and Tourism or Agriculture, Food, and Natural Resources career clusters

Recommended Prerequisite(s): Principles of Hospitality and Tourism

Description

In Food Science, students examine the nature and properties of foods, food microbiology, and the principles of science in food production, processing, preparation, and preservation; use scientific methods to conduct laboratory and field investigations; and make informed decisions using critical thinking and scientific problem solving. This course provides students a foundation for further study that leads to occupations in food and beverage services; the health sciences; agriculture, food, and natural resources; and human services.

Forensic Science**Service ID:** 13029500**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular

Prerequisite(s): One credit in biology, one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): None

Description

Forensic Science is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history and the legal aspects of forensic science.

Honors Anatomy and Physiology**Service ID:** 13020600**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced

Prerequisite(s): One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): A course from the Health Science career cluster

Description

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

Honors Biology**Service ID:** 03010200**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Honors 8th grade Science**Description**

Students in Honors Biology will explore the same topics as Biology with more rigor, depth, and complexity. Students will focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. AP & Honors classes may encourage a summer project.

Honors Chemistry**Service ID:** 03040000**Grade Level(s):** 9, 10, 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I; Biology**Description**

Students in Honors Chemistry will explore the same topics as Chemistry with more rigor, depth, and complexity. This course is a general study of the fundamentals of chemistry. Major topics include: matter and the periodic table, atomic structure and nuclear chemistry, chemical bonding and reactions, gas laws, thermochemistry, and solutions. A hands-on approach to investigations is emphasized to connect content with science process skills. Problem-solving requires the use of performing mathematical calculations throughout the course. AP & Honors classes may encourage a summer project.

Honors Medical Microbiology**Service ID:** 13020700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster**Recommended Prerequisite(s):** None**Description**

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Integrated Physics & Chemistry**Service ID:** 03060201**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This is an introductory course in the physical sciences with emphasis in physics and chemistry. Concepts include the scientific method, phases of matter, the periodic table, chemical bonds, elements and compounds, chemical reactions, motion, forces, energy, electricity, magnetism, light and sound with emphasis on application of these concepts and principles to daily life.

Medical Microbiology**Service ID:** 13020700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster**Recommended Prerequisite(s):** None**Description**

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Physics**Service ID:** 03050000**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Completion of 1 science credit (Chemistry highly recommended), Algebra I, and completion of concurrent enrollment in Algebra II**Description**

Physics is the general study of physical science. Major topics include forces, motion, energy, momentum, waves, electricity, and magnetism. A hands-on approach to investigations is emphasized to connect content with science process skills. Concepts are developed conceptually and are supported with mathematical calculations throughout the course. **Recommended for students who want to attend a 4-year university.

Physics for Engineering**Service ID:** 13037150**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** One credit of Algebra I and one credit of chemistry, physics, or Integrated Physics and Chemistry (IPC)**Recommended Prerequisite(s):** None**Description**

In Physics for Engineering, students conduct laboratory and field investigations, use scientific and engineering practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems are described in terms of space, time, energy, and matter. Students study topics, including laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students apply physics concepts and perform laboratory experimentations for at least 40 percent of instructional time using safe practices.

Scientific Research and Design**Service ID:** 13037200**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Biology, and one credit of the following:

Physics for Engineering, chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): None**Description**

Scientific Research and Design allows districts and schools flexibility to develop local curriculum to supplement a program of study or coherent sequence. The course has the components of any rigorous scientific or CTE program of study, including problem identification, investigation design, data collection, data analysis, formulation, and presentation of conclusions. These components are integrated with the CTE emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. Students may take this course with different course content for a maximum of three credits.

Social Studies

AP Human Geography**Service ID:** A3360100**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

AP Human Geography explores the relationships between people, places, and the environment. Students examine topics such as population, culture, political systems, agriculture, urbanization, and globalization while developing skills in spatial thinking, data analysis, and evidence-based writing. This college-level course prepares students for the AP Exam and fulfills the Texas World Geography graduation requirement AP Human Geography exam. This course can replace the World Geography graduation requirement. AP & Honors classes may encourage a summer project.

AP Macroeconomics**Service ID:** A3310200**Grade Level(s):** 12**Credit(s):** 0.5**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as Economics with more depth and complexity. AP & Honors classes may encourage a summer project

AP Psychology**Service ID:** A3350100**Grade Level(s):** 11, 12**Credit(s):** 0.5**Course Fee:** Additional cost for**College Credit Hours:** None**Weight:** Advanced

AP Exam

Prerequisite(s): None**Recommended Prerequisite(s):** None**Description**

AP Psychology introduces students to the systematic scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretation to evaluate claims, consider evidence, and effectively communicate ideas. AP & Honors classes may encourage a summer project

AP US Government**Service ID:** A3330100**Grade Level(s):** 12**Credit(s):** 0.5**Course Fee:** Additional cost for**College Credit Hours:** None**Weight:** Advanced

AP Exam

Prerequisite(s): None**Recommended Prerequisite(s):** None**Description**

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. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. AP & Honors classes may encourage a summer project

AP US History**Service ID:** A3340100**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** Additional cost for**College Credit Hours:** None**Weight:** Advanced

AP Exam

Prerequisite(s): None**Recommended Prerequisite(s):****Description**

This course focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills. Students will develop and use the same skills and methods employed by historians, including analyzing primary and secondary sources, developing historical arguments, and making historical connections. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. This course satisfies the US History high school graduation requirement. AP & Honors classes may encourage a summer project.

AP World History**Service ID:** A3370100**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** Additional cost for AP Exam**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

In this course, students investigate significant events, individuals, developments, and processes in world history from approximately 8000 BCE to the present. Students will apply historical thinking skills and use historical inquiry throughout the course. Students enrolled in an Advanced Placement course are expected to take the corresponding AP Exam. This course satisfies the World History high school graduation requirement. AP & Honors classes may encourage a summer project.

Personal Financial Literacy Economics**Service ID:** 03380083**Grade Level(s):** 12**Credit(s):** 0.5**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

The Personal Financial Literacy and Economics Course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime

Psychology**Service ID:** 03350100**Grade Level(s):** 11, 12**Credit(s):** 0.5**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course includes the systemic and scientific study of behavioral and mental process with reference to human beings and animals. Psychology concentrates primarily on individuals as compared to groups or society as a whole. Students will learn about the history of psychology, research techniques, learning, personality development, sensation, perceptions, life-span development, mental disorders, and therapies

Sociology**Service ID:** 03370100**Grade Level(s):** 11, 12**Credit(s):** 0.5**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course includes the systematic, scientific study of human social behavior. The focus assumes group rather than individual perspective and relationships. Using current documents, students will study components of history of sociology, research methods, culture, social control, gender, race, and age demographics, and issues.

SS Research Methods Honors**Service ID:** 03380003**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 0.5**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Students develop advanced research and analytical skills essential for social studies inquiry. This honors course emphasizes locating, evaluating, and synthesizing primary and secondary sources while recognizing bias and perspective in historical and contemporary contexts. Participants learn to construct evidence-based arguments, properly cite sources, and present findings through multiple formats

US Government**Service ID:** 03330100**Grade Level(s):** 12**Credit(s):** 0.5**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course is designed to include the study of the organization, function and administration of our three branches and agencies of the National Government, including a survey of the Federal Constitution

US History**Service ID:** 03340100**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will study the history of our country from 1877 to the present. There will be a brief review of earlier United States history and geography. The course will look at the political, economic, and social changes in the United States during that time period

World Geography**Service ID:** 03320100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course includes physical, political, cultural, and historical perspectives of the world examining the physical and human aspects of our world and people and their cultures. Students are introduced to the scientific methods of geographers that help them understand our complex world. The themes of location, place, human/environmental interaction, movement, and regions provide the framework for studying and researching the contemporary world

World History**Service ID:** 03340400**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course provides students an overview of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional

historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.

Languages Other Than English

Spanish 1

Service ID: 03440100

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Spanish I is an introductory course that focuses on developing basic skills of speaking, listening, reading, and writing within the five goals of the TEKS for LOTE: communication, cultures, connections, comparisons, and communities. Emphasis is placed on understanding common expressions, commands, and simple conversations. A basic vocabulary is built and the grammatical structure of the language is taught. Cultural topics are incorporated throughout the course.

AP Spanish: Language and Culture 4

Service ID: A3440100

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: Additional cost for

College Credit Hours: None

Weight: Advanced

AP Exam

Prerequisite(s): Successful completion of Levels 1, 2, and 3 of Spanish

Recommended Prerequisite(s): None

Description

The AP Spanish Language and Culture course is designed to help students demonstrate listening, speaking, reading, and writing proficiency in a variety of contexts and themes with increasing complexity. Students will demonstrate rigorous critical thinking and an understanding of cultural products, practices, and perspectives of the Spanish-speaking world.

AP Spanish: Literature and Culture 5

Service ID: A3440200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: Additional cost for

College Credit Hours: None

Weight: Advanced

AP Exam

Prerequisite(s): Success

Recommended Prerequisite(s): None

Description

The AP Spanish Literature and Culture course is designed to introduce students to the formal study of a representative body of literature, written in Spanish, from Spain, Latin America, and the United States. The course provides students with ongoing and varied opportunities to develop proficiency in Spanish across a full range of skills, with emphasis on critical reading and analytical writing. It also encourages students to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish. AP & Honors classes may encourage a summer project.

Honors Spanish III**Service ID:** 03440300**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Successful completion of Levels 1 and 2 of Spanish**Recommended Prerequisite(s):** None**Description**

This course emphasizes increasing proficiency in oral and written communication skills. This course is designed to prepare the students for AP Spanish IV and requires more outside reading and oral practice than Spanish III. Students will be required to work in the language lab weekly and active participation is a requirement. The study of culture will be integrated into the course through the use of video segments, art, music, and authentic texts. AP & Honors classes may encourage a summer project.

Spanish III**Service ID:** 03440300**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Successful completion of Levels 1 and 2 of Spanish**Recommended Prerequisite(s):** None**Description**

This course emphasizes increasing proficiency in oral and written communication skills. This course is designed to prepare the students for AP Spanish IV and requires more outside reading and oral practice than Spanish III. Students will be required to work in the language lab weekly and active participation is a requirement. The study of culture will be integrated into the course through the use of video segments, art, music, and authentic texts. AP & Honors classes may encourage a summer project.

Spanish 2**Service ID:** 03440200**Grade Level(s):** 7, 8, 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Spanish I**Recommended Prerequisite(s):** None**Description**

This course reviews the basic structures and vocabulary learned in Spanish I and builds on them with additional structures and vocabulary. Videos, role-playing, and projects are used to reinforce language skills and to continue the study of Hispanic cultures. Continued development of basic conversation skills is an important part of the class and is encouraged through creative oral activities.

Advanced Placement (AP) Computer Science A**Service ID:** A3580120**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x) = x + 2$ and $f(x) = g(h(x))$ **Description**

AP Computer Science A explores how to use, build, and work with the technologies of tomorrow to help answer some of the biggest questions of today. In this course, you'll design and implement computer

programs using a subset of the Java programming language that can be used to develop algorithms, data structures, and solve problems.

Computer Science I

Service ID: 03580200

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I

Recommended Prerequisite(s): None

Description

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

Computer Science 2

Service ID: 03580300

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I and

Computer Science I or AP

Computer Science Principles

Recommended Prerequisite(s): None

Description

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

Computer Science III**Service ID:** 03580350**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Computer Science II, Advanced Placement (AP) Computer Science A, or International Baccalaureate (IB) Computer Science Standard Level or IB Computer Science Higher Level**Recommended Prerequisite(s):** None**Description**

Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts.

Advanced Placement (AP) Computer Science Principles**Service ID:** A3580300**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I**Description**

In AP Computer Science Principles, you'll learn how computers and technology impact our daily lives by examining the apps we use, how our personal data is collected, and how technology can have positive and negative consequences.

Fine Arts

Music I, Band I

Service ID: 03150100

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Prior instrumental experience, director approval and audition

Recommended Prerequisite(s): None

Description

The full-year course continues the development of performance techniques, music reading skills, listening skills, music theory knowledge and music history exposure developed in previous band classes. Students enrolled in Band I will develop self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular band class or section based upon ability demonstrated by audition. All students enrolled in Band I - regardless of the particular band class - are required to participate in marching band during the fall semester. Students will be expected to provide all the required supplies. Participation in the summer band program is required. Note: This course requires extensive rehearsing outside of regular class hours. Participation will be required for performances (band competitions, athletic events, parades, pep rallies, contests, and shows) throughout the school year.

Music II, Band II

Service ID: 03150200

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Band I and audition

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Band I with more depth and complexity. Note: All requirements listed for Band I are still applicable. This course requires extensive rehearsing outside of regular class hours. Participation will be required for performances (band competitions, athletic events, parades, pep rallies, contests, and shows) throughout the school year.

Music III. Band III**Service ID:** 03150300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Band II and audition

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Band I with more depth and complexity. Note: All requirements listed for Band II are still applicable. This course requires extensive rehearsing outside of regular class hours. Participation will be required for performances (band competitions, athletic events, parades, pep rallies, contests, and shows) throughout the school year.

Music IV. Band IV**Service ID:** 03150400**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Band III and audition

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Band I with more depth and complexity. Note: All requirements listed for Band III are still applicable. This course requires extensive rehearsing outside of regular class hours. Participation will be required for performances (band competitions, athletic events, parades, pep rallies, contests, and shows) throughout the school year.

Music II. Band II/Battery**Service ID:** 03150200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Any Band I course, and audition

Recommended Prerequisite(s): None

Description

This course is designed for Battery Percussion students (drumline) during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music III. Band III/Battery**Service ID:** 03150300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Any Band II course, and audition

Recommended Prerequisite(s): None

Description

This course is designed for Battery Percussion students (drumline) during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music IV. Band IV/Battery**Service ID:** 03150400**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Any Band III course, and audition

Recommended Prerequisite(s): None

Description

This course is designed for Battery Percussion students (drumline) during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music I. Band I/Front Ensemble**Service ID:** 03150100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Prior instrumental experience, director approval and audition

Recommended Prerequisite(s): None

Description

This course is designed for Front Ensemble percussion students during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music II, Band II/Front Ensemble**Service ID:** 03150200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Any Band I course, and audition

Recommended Prerequisite(s): None

Description

This course is designed for Front Ensemble percussion students during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music III, Band III/Front Ensemble**Service ID:** 03150300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Any Band II course, and audition

Recommended Prerequisite(s): None

Description

This course is designed for Front Ensemble percussion students during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music IV, Band IV/Front Ensemble**Service ID:** 03150400**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Any Band III course, and audition

Recommended Prerequisite(s): None

Description

This course is designed for Front Ensemble percussion students during the fall. It teaches the same Music TEKS as full band classes. Students will be transferred into their full concert band after marching season concludes. All rehearsals and performances required of concert band classes apply to percussion classes.

Music I. Instrumental Ensemble I**Service ID:** 03151700**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Band I

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Music II. Instrumental Ensemble II**Service ID:** 03151800**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Band II

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Music III. Instrumental Ensemble III**Service ID:** 03151900**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Band III

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Music IV. Instrumental Ensemble IV**Service ID:** 03152000**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Instrument**College Credit Hours:** None**Weight:** Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Band IV

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Music II, Jazz Ensemble II

Service ID: 03151400

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Instructor approval and audition

Recommended Prerequisite(s): None

Description

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Special emphasis is placed on developing improvisation skills and ensemble playing. Students will be expected to provide all the required supplies. Note: This course requires extensive rehearsing outside of regular class hours. Participation will be required for performances (concerts, adjudicated festivals, and various civic associations) throughout the school year.

Music III, Jazz Ensemble III

Service ID: 03151500

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Instructor approval and audition

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Jazz Ensemble II with more depth and complexity. Note: All requirements listed for Jazz Ensemble II are still applicable.

Music IV, Jazz Ensemble IV

Service ID: 03151600

Grade Level(s): 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Instructor approval and audition

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Jazz Ensemble III with more depth and complexity. Note: All requirements listed for Jazz Ensemble III are still applicable.

Music I, Choir I**Service ID:** 03150900**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None**Weight:** Regular

Prerequisite(s): None, prior vocal performance experience preferred

Recommended Prerequisite(s): None

Description

Members of this choir begin the development of vocal techniques, music reading, and listening skills. Students develop self-discipline and leadership skills as they learn to work as a part of a group. Students are strongly encouraged to audition for All-District, All-Region, and All-State Choir. They are also encouraged to participate in UIL solo-ensemble contests at the region and state levels. Concerts are presented throughout the year. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music II, Choir II/Treble**Service ID:** 03151000**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None**Weight:** Regular

Prerequisite(s): Any Level I Choir course

Recommended Prerequisite(s): None

Description

Members of this choir begin the development of vocal techniques, music reading, and listening skills. Students develop self-discipline and leadership skills as they learn to work as a part of a group. Students are strongly encouraged to audition for All-District, All-Region, and All-State Choir. They are also encouraged to participate in UIL solo-ensemble contests at the region and state levels. Concerts are presented throughout the year. The student will be exposed to a variety of choral music. Exposure to multiple genres of music is vital for educational and historical value. Several types of choral singing will be explored. These consist of unison through 4 part singing. Students will be taught vocal pedagogy techniques and learn about the health and safety of the voice. This will consist of the utilization of good breath control, correct singing posture, and various vocal exercises used to strengthen and increase vocal ability. Music theory concepts that are considered an integral part of a successful choir will also be studied. These concepts will consist of solfege, rhythmic, and melodic notation. Since this is a performance-oriented class, there will be several opportunities throughout the year for students to perform in large and small group ensembles. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music III, Choir III/Treble**Service ID:** 03151100**Grade Level(s):** 11, 12**Credit(s):** 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None**Weight:** Regular

Prerequisite(s): Any Level II Choir course

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Choir II with more depth and complexity. Note: All requirements listed for Choir I and II are still applicable. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music IV, Choir IV/Treble**Service ID:** 03151200**Grade Level(s):** 12**Credit(s):** 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None**Weight:** Regular

Prerequisite(s): Any Level III Choir course

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Choir III with more depth and complexity. Note: All requirements listed for Choir I - III are still applicable. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music II, Choir II/Tenor-Bass**Service ID:** 03151000**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None**Weight:** Regular

Prerequisite(s): Any Level I Choir course

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Choir I with more depth and complexity. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child

decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music III, Choir III/Tenor-Bass

Service ID: 03151100

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: There are costs associated with this course.

College Credit Hours: None

Weight: Regular

Please see the Director for more details.

Prerequisite(s): Any Level II Choir course

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Tenor/Bass II with more depth and complexity. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music IV, Choir IV/Tenor-Bass

Service ID: 03151200

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs associated with this course.

College Credit Hours: None

Weight: Regular

Please see the Director for more details.

Prerequisite(s): Any Level III Choir course

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Tenor/Bass III with more depth and complexity. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music II, Choir II/Mixed

Service ID: 03151000

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: There are costs associated with this course.

College Credit Hours: None

Weight: Regular

Please see the Director for more details.

Prerequisite(s): Choir I and by audition

Recommended Prerequisite(s): None

Description

This course is designed for experienced vocalists and will incorporate mixed voice ranges while further developing vocal techniques, music reading, listening skills, and music history and literature through performance. Note: All choir students are required to participate in rehearsals and

performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music III, Choir III/Mixed

Service ID: 03151100

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: There are costs associated with this course.

College Credit Hours: None

Weight: Regular

Please see the Director for more details.

Prerequisite(s): Choir II and by audition

Recommended Prerequisite(s): None

Description

This course is designed for experienced vocalists and will incorporated mixed voice ranges while further developing vocal techniques, music reading, listening skills, and music history and literature through performance. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music IV, Choir IV/Mixed

Service ID: 03151200

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs associated with this course.

College Credit Hours: None

Weight: Regular

Please see the Director for more details.

Prerequisite(s): Choir III and by audition

Recommended Prerequisite(s): None

Description

This course is designed for experienced vocalists and will incorporated mixed voice ranges while further developing vocal techniques, music reading, listening skills, and music history and literature through performance. Note: All choir students are required to participate in rehearsals and performances before and after school. Fees Note: Fees for choir can cost from \$20-50. This may include, but not limited to the choir and pink out t-shirts, and dry cleaning fees of formal uniforms. Please note that students will have the opportunity to work off these fees by participating in various choir fundraisers. Please be advised that if your child decides to participate in the All-State Choir Contest or individual UIL solo events additional fees will be incurred.

Music II, Vocal Ensemble II/Show Choir**Service ID:** 03152200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more details.

Prerequisite(s): Concurrent enrollment in a varsity choir, and by audition.**Recommended Prerequisite(s):** None**Description**

Show Choir is an auditioned group of student singers that focuses on vocal skills and technique, specifically in the styles of classic and contemporary popular music, musical theater, vocal jazz, and collegiate-style a cappella. Show Choir also features dance as a portion of its performance repertoire, and strength in showmanship is preferred! The group has a variety of performance opportunities throughout the school year. Involvement in Show Choir offers a unique opportunity to develop as a vocalist while singing and dancing as a member of an ensemble. Auditions are held in the spring for the following school year. Concerts outside of the school day are required for this course.

Music III, Vocal Ensemble III/Show Choir**Service ID:** 03152300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more details.

Prerequisite(s): Concurrent enrollment in a varsity choir, and by audition.**Recommended Prerequisite(s):** None**Description**

Show Choir is an auditioned group of student singers that focuses on vocal skills and technique, specifically in the styles of classic and contemporary popular music, musical theater, vocal jazz, and collegiate-style a cappella. Show Choir also features dance as a portion of its performance repertoire, and strength in showmanship is preferred! The group has a variety of performance opportunities throughout the school year. Involvement in Show Choir offers a unique opportunity to develop as a vocalist while singing and dancing as a member of an ensemble. Auditions are held in the spring for the following school year. Concerts outside of the school day are required for this course.

Music IV, Vocal Ensemble IV/Show Choir**Service ID:** 03152400**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more details.

Prerequisite(s): Concurrent enrollment in a varsity choir, and by audition.**Recommended Prerequisite(s):** None**Description**

Show Choir is an auditioned group of student singers that focuses on vocal skills and technique, specifically in the styles of classic and contemporary popular music, musical theater, vocal jazz, and collegiate-style a cappella. Show Choir also features dance as a portion of its performance repertoire, and strength in showmanship is preferred! The group has a variety of performance opportunities throughout the school year. Involvement in Show Choir offers a unique opportunity to develop as a vocalist while singing and dancing as a member of an ensemble. Auditions are held in the spring for the following school year. Concerts outside of the school day are required for this course.

Dance I, Principles of Dance I**Service ID:** 03830100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** There may be costs associated with this course. Please see the Director for more information**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course introduces the beginning principles of dance with an emphasis on historical and cultural awareness, flexibility, body awareness, fitness principles, dance technique, artistic diversity, and the choreographic process. Dance styles include, but are not limited to ballet, modern, contemporary, Broadway, novelty, jazz, hip-hop, tap, high kick, and pom. Strength and flexibility will be taught as well. Dancers will perform in fall and spring dance shows and recitals.

Dance II, Principles of Dance II**Service ID:** 03830200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information.

Prerequisite(s): Any Dance I course**Recommended Prerequisite(s):** Principles of Dance I**Description**

This course develops the intermediate/advanced principles of dance with an emphasis on historical and cultural awareness, flexibility, body awareness, fitness principles, dance technique, artistic diversity, and the choreographic process. Dance styles include, but are not limited to ballet, modern, contemporary, Broadway, novelty, jazz, hip-hop, tap, high kick, and pom. Strength and flexibility will be taught as well. Dancers will perform in fall and spring dance shows and recitals.

Dance III, Principles of Dance III**Service ID:** 03830300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information

Prerequisite(s): Any Dance II course**Recommended Prerequisite(s):** Principles of Dance II**Description**

This course develops the intermediate/advanced principles of dance with an emphasis on historical and cultural awareness, flexibility, body awareness, fitness principles, dance technique, artistic diversity, and the choreographic process. Dance styles include, but are not limited to ballet, modern, contemporary, Broadway, novelty, jazz, hip-hop, tap, high kick, and pom. Strength and flexibility will be taught as well. Dancers will perform in fall and spring dance shows and recitals.

Dance IV, Principles of Dance IV**Service ID:** 03830400**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information

Prerequisite(s): Any Dance III course**Recommended Prerequisite(s):** Principles of Dance III**Description**

This course develops the advanced principles of dance with an emphasis on historical and cultural awareness, flexibility, body awareness, fitness principles, dance technique, artistic diversity, and the choreographic process. Dance styles include, but are not limited to ballet, modern, contemporary, Broadway, novelty, jazz, hip-hop, tap, high kick, and pom. Strength and flexibility will be taught as well. Dancers will perform in fall and spring dance shows and recitals.

Dance I, Performance Ensemble I/Dance Team Prep**Service ID:** 03833300**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information

Prerequisite(s): None**Recommended Prerequisite(s):** None**Description**

This course will focus on the technique and styles that will be needed if a student is interested in auditioning for the Dance Team. Dance Styles will include but are not limited to Jazz, Contemporary, Hip Hop, High-Kick, and Pom. Students will work on the flexibility, strength and stamina needed to be on a competitive dance team. Students will learn the history of dance as well as the history of traditional Drill-Team.

Dance I, Performance Ensemble I/Color Guard**Service ID:** 03833300**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** Please be advised**College Credit Hours:** None**Weight:** Regular

that additional fees may be incurred throughout the year.

Prerequisite(s): By audition**Recommended Prerequisite(s):** None**Description**

Participation in July camps and summer band is required. Attendance at all band rehearsals and performances; Football Games, contests, Pep Rallies, etc. Understanding of basic movement skills, equipment technique skills, and retention of choreography throughout the season.

Dance II, Performance Ensemble II/Color Guard**Service ID:** 03833400**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** Please be advised**College Credit Hours:** None**Weight:** Regular

that additional fees may be incurred throughout the year.

Prerequisite(s): Any Dance I course, and by audition**Recommended Prerequisite(s):** Color Guard I**Description**

Participation in July camps and summer band is required. Attendance at all band rehearsals and performances; Football Games, Contests, Pep Rallies, etc. Understanding of basic movement skills, equipment technique skills, and retention of choreography throughout the season.

Dance III, Performance Ensemble III/Color Guard**Service ID:** 03833500**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** Please be advised**College Credit Hours:** None**Weight:** Regular

that additional fees may be incurred throughout the year.

Prerequisite(s): Any Dance II course, and by audition**Recommended Prerequisite(s):** Color Guard II**Description**

Participation in July camps and summer band is required. Attendance at all band rehearsals and performances; Football Games, Contests, Pep Rallies, etc. Understanding of basic movement skills, equipment technique skills, and retention of choreography throughout the season.

Dance IV, Performance Ensemble IV/Color Guard**Service ID:** 03833600**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** Please be advised**College Credit Hours:** None**Weight:** Regular

that additional fees may be incurred throughout the year.

Prerequisite(s): Any Dance III course, and by audition**Recommended Prerequisite(s):** Color Guard III**Description**

Participation in July camps and summer band is required. Attendance at all band rehearsals and performances; Football Games, Contests, Pep Rallies, etc. Understanding of basic movement skills, equipment technique skills, and retention of choreography throughout the season.

Music I, Orchestra I

Service ID: 03150500

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None

Weight: Regular

Prerequisite(s): Meeting with Orchestra Director for Instrument Placement

Recommended Prerequisite(s): Prior instrumental experience

Description

This course is a year-long class. This class will have high standards for performance and include fundamentals and enhancement of string orchestra playing, including violin, viola, cello and bass. Students will learn to develop an appreciation of music, build skills for efficient practicing, follow a conductor, and increase music literacy - including music reading, recognizing articulations and musical styles, and understanding musical terms. Students will receive exposure to music's relation to history and art. Emphasis will also be placed on exposing each student to a variety of performing experiences and music in which to apply these skills. Participation is required for concerts and possible morning and evening rehearsals relating to competition. Never played an instrument before? All students are welcome to join this course, no experience is required. Hutto ISD will do its best to put all first-year musicians or students learning a 2nd instrument into one class period. The instruments taught in this course are violin, viola, cello, and double bass. The Beginner Strings class performs three concerts each year and may participate in the UIL String Orchestra Concert and Sight-reading Contest. Members of this Orchestra are encouraged to participate in the UIL Solo and Ensemble Contest.

Music II, Orchestra II

Service ID: 03150600

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: There are costs associated with this course. Please see the Director for more details.

College Credit Hours: None

Weight: Regular

Prerequisite(s): Orchestra I

Recommended Prerequisite(s): None

Description

Members of this orchestra are experienced instrumental musicians who focus on building solid fundamentals, developing music reading skills, strengthening listening skills, and gaining leadership experience. These students will perform a more rigorous repertoire throughout the year. Orchestra II performs four concerts each year and may participate in the UIL String Orchestra Concert and Sight-reading Evaluation. Members of the Orchestra II class are encouraged to participate in the UIL Solo and Ensemble Contest. Along with their concert expectations, this ensemble will also participate in special performances throughout the year at various venues for the district and community of Hutto, TX.

Music III, Orchestra III**Service ID:** 03150700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course. Please see the Director for more details.**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Orchestra II**Recommended Prerequisite(s):** None**Description**

Members of this orchestra are experienced instrumental musicians who focus on building solid fundamentals, developing music reading skills, strengthening listening skills, and gaining leadership experience. These students will perform a more rigorous repertoire throughout the year. Orchestra III performs four concerts each year and may participate in the UIL String Orchestra Concert and Sight-reading Evaluation. Members of the Orchestra III class are encouraged to participate in the UIL Solo and Ensemble Contest. Along with their concert expectations, this ensemble will also participate in special performances throughout the year at various venues for the district and community of Hutto, TX.

Music IV, Orchestra IV**Service ID:** 03150800**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course. Please see the Director for more details.**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Orchestra III**Recommended Prerequisite(s):** None**Description**

Members of this orchestra are experienced instrumental musicians who focus on building solid fundamentals, developing music reading skills, strengthening listening skills, and gaining leadership experience. These students will perform a more rigorous repertoire throughout the year. Orchestra IV performs four concerts each year and may participate in the UIL String Orchestra Concert and Sight-reading Evaluation. Members of the Orchestra IV class are encouraged to participate in the UIL Solo and Ensemble Contest. Along with their concert expectations, this ensemble will also participate in special performances throughout the year at various venues for the district and community of Hutto, TX.

Music I, Instrumental Ensemble I**Service ID:** 03151700**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** Instrument purchase or rental. Please be advised that additional fees may be incurred throughout the year.**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Concurrent enrollment in Orchestra I**Recommended Prerequisite(s):** None**Description**

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

II, Instrumental Ensemble II

Service ID: 03151800

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Orchestra II

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Music III, Instrumental Ensemble III

Service ID: 03151900

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Orchestra III

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Music IV, Instrumental Ensemble IV

Service ID: 03152000

Grade Level(s): 12

Credit(s): 1.0

Course Fee: Instrument

College Credit Hours: None

Weight: Regular

purchase or rental. Please be advised that additional fees may be incurred throughout the year.

Prerequisite(s): Concurrent enrollment in Orchestra IV

Recommended Prerequisite(s): None

Description

Students should enroll in Instrumental Ensemble if taking two instrumental music classes. This course will only serve as the second service ID for concurrent scheduling.

Theatre I, Theatre Arts I

Service ID: 03250100

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Theatre I is a full year course designed to introduce the student to theatre. The class will include theatre terminology, mime, improvisation, characterization, movement, voice and diction, scene study,

performance, and some elements of technical theatre. Students are required to attend and analyze live theatrical events held outside of regular school hours.

Theatre II, Theatre Arts II

Service ID: 03250200

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre Arts I

Recommended Prerequisite(s): None

Description

Theatre II is a full year course designed to continue student growth in the study of theatre. Students will experience theatrical literature of greater complexity, continue in-depth scene study and characterization, and demonstrate advanced acting techniques. Students are required to attend and analyze live theatrical events held outside of regular school hours.

Theatre III, Theatre Arts III

Service ID: 03250300

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre Arts II

Recommended Prerequisite(s): None

Description

Theatre III is a full year course designed to extend and continue the advanced experiences in Theatre II. The course continues the upward spiral of the theatre curriculum. Scene study, theatre history, performance, auditioning, directing, and playwriting are studied in greater depth. Students will have "hands-on" experience in directing, playwriting, auditioning, and will work with problems of production and performance. Students are required to attend and analyze live theatrical events held outside of regular school hours.

Theatre IV, Theatre Arts IV

Service ID: 03250400

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre Arts III

Recommended Prerequisite(s): None

Description

Theatre IV is a full year course designed to extend and continue the advanced experiences in Theatre III. The course continues the upward spiral of the theatre curriculum. Scene study, theatre history, performance, auditioning, directing, and playwriting are studied at the most advanced level. Students will have even more "hands-on" experience in directing, playwriting, auditioning, and will also work with problems of production and performance. Students are required to attend and analyze live theatrical events held outside of regular school hours.

Technical Theatre I

Service ID: 03250500

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This is a full year course in which students are introduced to the practice and design of theatrical sets, scenery, lighting, sound, costumes, properties and makeup. Students will gain training in stage management and stage crew work. Students will begin a professional portfolio with items in each of the aforementioned areas. All students are required to fulfill minimum work hours outside of the school day

and write a review of a live theatrical performance seen during each grading cycle. Additionally, students may work as crew members for the annual musical and the UIL One-Act Play Festival. Students will be expected to paint, move heavy/dirty equipment, work with power tools, and work with hot electrical equipment. Students must exhibit a healthy respect for the safety of themselves and those near them.

Technical Theatre II

Service ID: 03250600

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Technical Theatre I

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Technical Theatre I with more depth and complexity.

Technical Theatre III

Service ID: 03251100

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Technical Theatre II

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Technical Theatre II with more depth and complexity.

Technical Theatre IV

Service ID: 03251200

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Technical Theatre III

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Technical Theatre III with more depth and complexity.

Theatre I, Theatre Production I

Service ID: 03250700

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Audition or director approval

Recommended Prerequisite(s): None

Description

Theatre Production is an advanced Theatre performance ensemble. Students in this course are actively involved in rehearsals and a variety of performances throughout the school year, occurring outside regular school hours including evenings and weekends.

Theatre II, Theatre Production II

Service ID: 03250800

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre Production I and director approval

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Theatre Production I with more depth and complexity.

Theatre III, Theatre Production III

Service ID: 03250900

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre Production II and director approval

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Theatre Production II with more depth and complexity.

Theatre IV, Theatre Production IV

Service ID: 03251000

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre Production III and director approval

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Theatre Production III with more depth and complexity.

Theatre III, Directing I

Service ID: 03251700

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Two credits of Theatre or Technical Theatre and instructor approval

Recommended Prerequisite(s): None

Description

Directing I affords students with the opportunity to acquire and develop directing skills essential to the conceptualization and rehearsal of theatrical productions. Students apply a myriad of theatre concepts and skills including script analysis, production vision, actor coaching, staging, and collaboration with design teams, along with building skills in leadership, communication, and decision-making. Students are encouraged to exercise and develop creativity, develop intellectual curiosity, and apply critical thinking, problem-solving, and collaborative skills.

Theatre IV, Directing II

Service ID: 03251800

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre III, Directing I and instructor approval

Recommended Prerequisite(s): None

Description

Directing II builds upon the knowledge and skills gained in Directing I, further developing directing skills essential to the conceptualization and rehearsal of theatrical productions. Students apply a myriad of theatre concepts and skills including script analysis, production vision, actor coaching, staging, and collaboration with design teams, along with building skills in leadership, communication, and

decision-making. Students are encouraged to exercise and develop creativity, develop intellectual curiosity, and apply critical thinking, problem-solving, and collaborative skills.

Musical Theatre I

Service ID: 03251900

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Director approval

Recommended Prerequisite(s): None

Description

Musical Theatre class is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Since this is a workshop course, students will prepare material for class presentation and critique. There will also be a focus on the audition process as well as musical theatre history and repertoire. Finally, the class will participate in a culminating showcase performance at the end of the year.

Musical Theatre II

Service ID: 03252000

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Musical Theatre II

Recommended Prerequisite(s): None

Description

Musical Theatre II is an advanced class that explores American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Since this is a workshop course, students will prepare material for class presentation and critique. There will also be a focus on the audition process as well as musical theatre history and repertoire. Finally, the class will participate in a culminating showcase performance at the end of the year. Time outside of class is required and some previous singing or acting experience is required.

Musical Theatre III

Service ID: 03252100

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Musical Theatre III

Recommended Prerequisite(s): None

Description

This is an advanced course in musical theatre performance and history for students who wish to expand on their previous high school training. The course deals with the practical application of acting, singing, and movement techniques in various styles of period and contemporary musical theatre repertoire. Students will explore the physical, vocal, and emotional disciplines, solo and ensemble performance skills of musical theatre as well as the performers, literature, and history of Musical Theatre. A creative approach to Act/Sing will be explored through a variety of musical theatre projects and activities. Time outside of class and previous singing or acting experience is required. Students are required to audition for the fall musical.

Technical Theatre II, Design for the Theatre**Service ID:** 03253500**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Theatre I and instructor approval.**Recommended Prerequisite(s):** None**Description**

Design for the Theatre builds upon the foundational skills gained in Technical Theatre I with an emphasis on scenic, lighting, sound, costume, and props design. Students apply design principles through script analysis and collaboration to develop cohesive concepts using sketches, renderings, models, and full products. The course will yield a professional design portfolio for college admissions.

Technical Theatre II, Theatre Management**Service ID:** 03253800**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Any Theatre I or Technical Theatre I course**Recommended Prerequisite(s):** None**Description**

Theatre Management affords students the opportunity to acquire and develop administrative skills that are commonly used in the management of theatre spaces and productions. Students apply a myriad of technical theatre concepts and skills along with developing knowledge and skills associated with production responsibilities, arts, administration, theatre management, and applications of previously acquired theatre arts studies. Students are encouraged to exercise and develop creativity, develop intellectual curiosity, and apply critical thinking, problem-solving, and collaborative skills.

Art I**Service ID:** 03500100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Art I is a beginning art class covering perception, creative expression, art history, and aesthetic judgment. Student-created artwork will demonstrate, compare, and contrast the Elements of Art. Students will demonstrate proper use of various art media, compare and contrast different art styles and trends throughout history and apply aesthetic judgment in evaluating artwork. Students may need to provide some supplies.

Art I, Art and Media Communications I**Service ID:** 03500120**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course introduces the elements and principles of art, with emphasis on creative visual problem-solving. Students design, develop and create original art by working in various electronic media. Students will learn how to bridge traditional hand skills with current technology applications to

create new media, such as animations, digital images, multimedia presentations, digital videos, websites, and interactive or site-based installations and performances. Students will use extensive problem solving and design skills to not only create images but also evaluate and reflect on their own work and others through writing.

Art II

Service ID: 03500200

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Any Level I Art Course

Recommended Prerequisite(s): Art I

Description

Art II continues to refine perception, creative expression, art history, and aesthetic judgment. Student-created artwork will demonstrate, compare, and contrast the Elements of Art. Students will demonstrate proper use of various art media, compare and contrast different art styles and trends throughout history and apply aesthetic judgment in evaluating artwork. The class will be more rigorous than Art I.

Art II, Drawing I

Service ID: 03500500

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Any Level I Art Course

Recommended Prerequisite(s): Art I

Description

This course focuses on two-dimensional media, including pencil, charcoal, colored pencil, pastels, and ink. Students in this class will express their thoughts and ideas creatively while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills. Drawing from life, figure drawing, drawing from the imagination, and drawings based on historical periods in art will be emphasized. Careers in art will also be discussed.

Art III, Drawing II

Service ID: 03501300

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Drawing I

Recommended Prerequisite(s): None

Description

This course is an extension of Drawing I, improving upon skills and media used in that course. Students will rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. Emphasis will be placed on the study of specific art styles or historical periods, analyze an art career, and begin creating their own portfolio.

Art IV, Drawing III

Service ID: 03502300

Grade Level(s): 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Drawing II

Recommended Prerequisite(s): None

Description

This course is an extension of Drawing II, improving upon skills and media used in that course. Students will rely on their perceptions of the environment, developed through increasing visual

awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. Emphasis will be placed on the study of specific art styles or historical periods, analyze an art career, and begin creating their own portfolio.

Art II, Painting I

Service ID: 03500600

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Any Level I Art Course

Recommended Prerequisite(s): None

Description

This course will focus on two-dimensional wet media, including ink, watercolor, acrylics, unconventional painting mediums and surface treatments. Students in this class will paint from life, figure paintings, paintings from imagination, paintings based on historical periods in art will be emphasized and careers in art will be discussed.

Art III, Painting II

Service ID: 03501400

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Painting I

Recommended Prerequisite(s): None

Description

This course is an extension of Painting I, improving upon painting skills and media used in that course. Students will continue to study specific art styles, analyze an art career, and create their own portfolio.

Art IV, Painting III

Service ID: 03502400

Grade Level(s): 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Painting II

Recommended Prerequisite(s): None

Description

This course is an extension of Painting II, improving upon painting skills and media used in that course. Students will continue to study specific art styles, analyze an art career, and create their own portfolio.

Art II, Fibers I

Service ID: 03500800

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Any Level I Art Course

Recommended Prerequisite(s): None

Description

In Fiber Arts we will create projects using any of the following: Tie-dye, weaving, Batik, Basketry, natural fibers and dyes, silk painting and surface design, textile design, soft sculpture, crochet, knitting, sewing and needle work. We will also learn to combine fiber arts with other artistic media, and discuss the reasons why certain styles have evolved through different regions of the world. Students will identify the relationship between historical periods and cultures by viewing fiber artwork. Identify possible careers using fiber arts and discuss the ways history and culture have affected the opportunities. We will also discuss the impact of fiber arts and the aesthetic experiences upon contemporary life and society.

Art III, Fibers II**Service ID:** 03501600**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Fibers I**Recommended Prerequisite(s):** None**Description**

Fiber Arts II will focus on more advanced Fiber techniques. Students will create projects using any of the following: Tie-dye, weaving, Batik, Basketry, natural fibers and dyes, silk painting and surface design, textile design, soft sculpture, crochet, knitting, sewing and needle work. We will also learn to combine fiber arts with other artistic media, and discuss the reasons why certain styles have evolved through different regions of the world. Students will identify the relationship between historical periods and cultures by viewing fiber artwork. Identify possible careers using fiber arts and discuss the ways history and culture have affected the opportunities. We will also discuss the impact of fiber arts and the aesthetic experiences upon contemporary life and society.

Art IV, Fibers III**Service ID:** 03502600**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Fibers II**Recommended Prerequisite(s):** None**Description**

Fiber Arts III will focus on highly-advanced Fiber techniques. Students will create projects using any of the following: Tie-dye, weaving, Batik, Basketry, natural fibers and dyes, silk painting and surface design, textile design, soft sculpture, crochet, knitting, sewing and needle work. We will also learn to combine fiber arts with other artistic media, and discuss the reasons why certain styles have evolved through different regions of the world. Students will identify the relationship between historical periods and cultures by viewing fiber artwork. Identify possible careers using fiber arts and discuss the ways history and culture have affected the opportunities. We will also discuss the impact of fiber arts and the aesthetic experiences upon contemporary life and society.

Art II, Ceramics I**Service ID:** 03500900**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Any Level I Art Course**Recommended Prerequisite(s):** None**Description**

This course will develop basic skills in which students will learn how to use the elements and principles of art and apply them using a variety of clay building techniques (art production) including hand building and wheel-throwing. Students will study the historical and cultural influences on art (art history). They will also explore the philosophical nature of art (aesthetics) and learn how to make critical judgments about art (art criticism).

Art III, Ceramics II**Service ID:** 03501800**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Ceramics I

Recommended Prerequisite(s): None

Description

This course is an extension of Ceramics I and will develop upper-level skills in which students will apply the elements and principles of art to hand-building and wheel-throwing. Ceramics II students will focus on basic wheel-thrown forms and modifying them. Students will study the historical and cultural influences on art (art history). They will also explore the philosophical nature of art (aesthetics) and learn how to make critical judgments about art (art criticism).

Art IV, Ceramics III

Service ID: 03502700

Grade Level(s): 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Ceramics II

Recommended Prerequisite(s): None

Description

This course is an extension of Ceramics II and will develop upper-level skills in which students will apply the elements and principles of art to hand-building and wheel-throwing. Ceramics III students will focus on basic wheel-thrown forms and modifying them. Students will study the historical and cultural influences on art (art history). They will also explore the philosophical nature of art (aesthetics) and learn how to make critical judgments about art (art criticism).

Art II, Sculpture I

Service ID: 03501000

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Any Level I Art Course

Recommended Prerequisite(s): None

Description

This course will focus on three-dimensional media, which may include paper Mache' ceramics, jewelry, fibers, stone, and found object sculptures. Students will express their thoughts working from life, figure sculpting, sculpting from the imagination, and sculptures based on historical periods in art.

Art III, Sculpture II

Service ID: 03501900

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: \$30

College Credit Hours: None

Weight: Regular

Prerequisite(s): Sculpture I

Recommended Prerequisite(s): None

Description

This course will further develop students' focus on three-dimensional media, which may include paper Mache' ceramics, jewelry, fibers, stone, and found object sculptures. Students will express their thoughts working from life, figure sculpting, sculpting from the imagination, and sculptures based on historical periods in art.

AP Studio Art: Drawing Portfolio**Service ID:** A3500300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Any Art II course and teacher recommendation**Recommended Prerequisite(s):** None**Description**

This is an advanced placement course and offers the same level of rigor as college-level work. There is a portfolio due in May (instead of an AP Exam). The AP program offers three portfolios: drawing, 2-D Design, and 3-D design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the concentration section. In the breadth section, the student is asked to demonstrate a serious grounding in visual principles and material techniques. The quality section permits the student to select the works that best exhibit a synthesis of form, technique, and content. Students will be required to create 24 college-level artworks and will critique their own and fellow students' work throughout the year. AP classes will require a summer project. Complete summer project information will be posted on the HHS website and given to enrolled students before the end of the school year.

AP Studio Art: Two-Dimensional Design Portfolio**Service ID:** A3500400**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Any Art II course and teacher recommendation**Recommended Prerequisite(s):** None**Description**

This is an advanced placement course and offers the same level of rigor as college-level work. There is a portfolio due in May (instead of an AP Exam). The AP program offers three portfolios: drawing, 2-D Design, and 3-D design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the concentration section. In the breadth section, the student is asked to demonstrate a serious grounding in visual principles and material techniques. The quality section permits the student to select the works that best exhibit a synthesis of form, technique, and content. Students will be required to create 24 college-level artworks and will critique their own and fellow students' work throughout the year. AP classes will require a summer project. Complete summer project information will be posted on the HHS website and given to enrolled students before the end of the school year.

AP Studio Art: Three-Dimensional Design Portfolio**Service ID:** A3500500**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** \$30**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Any Art II course and teacher recommendation**Recommended Prerequisite(s):** None**Description**

This is an advanced placement course and offers the same level of rigor as college-level work. There is a portfolio due in May (instead of an AP Exam). The AP program offers three portfolios: drawing, 2-D Design, and 3-D design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the concentration section. In the breadth section, the student is asked to demonstrate a serious grounding in visual principles and material techniques. The quality section permits the student to select the works that best exhibit a synthesis of form, technique, and content. Students will be required to create 24 college-level artworks and will critique their own and fellow students' work throughout the year. AP classes will require a summer project. Complete summer project information will be posted on the HHS website and given to enrolled students before the end of the school year.

PE, Athletics, & Health

Coach's Approval; Must meet all UIL requirements and be placed in the program at recommendation by the coach. Some sports may require a tryout for final placement on a team. Participation requires an annual passing physical dated after May 1st of the previous school year. In May, the high school will host a clinic where students can complete their physical. Please reach out to your coach regarding the required Rank One forms.

Athletic Training Student Aide 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Athletic Trainer Approval**Recommended Prerequisite(s):** None**Description**

Athletic Training Student Aide class is for students interested in pursuing a career in sports medicine. This is a hands on internship class that requires participation outside of class time including before school, after school, weekends, and holidays. Each student will have team placement to work directly with those athletes under the supervision of the athletic trainers. Class period placement must be approved by the athletic training staff before admission into the program.

Athletic Training Student Aide 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular

Prerequisite(s): Athletic Trainer

Approval

Recommended Prerequisite(s): Athletic Training 1

Description

Athletic Training Student Aide class is for students interested in pursuing a career in sports medicine. This is a hands on internship class that requires participation outside of class time including before school, after school, weekends, and holidays. Each student will have team placement to work directly with those athletes under the supervision of the athletic trainers. Class period placement must be approved by the athletic training staff before admission into the program.

Athletic Training Student Aide 3

Service ID: PES00002

Grade Level(s): 11

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Athletic Trainer

Approval

Recommended Prerequisite(s): Athletic Training 2

Description

Athletic Training Student Aide class is for students interested in pursuing a career in sports medicine. This is a hands on internship class that requires participation outside of class time including before school, after school, weekends, and holidays. Each student will have team placement to work directly with those athletes under the supervision of the athletic trainers. Class period placement must be approved by the athletic training staff before admission into the program.

Athletic Training Student Aide 4

Service ID: PES00003

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Athletic Trainer

Approval

Recommended Prerequisite(s): Athletic Training 3

Description

Athletic Training Student Aide class is for students interested in pursuing a career in sports medicine. This is a hands on internship class that requires participation outside of class time including before school, after school, weekends, and holidays. Each student will have team placement to work directly with those athletes under the supervision of the athletic trainers. Class period placement must be approved by the athletic training staff before admission into the program.

Baseball 1

Service ID: PES00000

Grade Level(s): 9

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's

Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Baseball 2

Service ID: PES00001

Grade Level(s): 10

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's
Approval

Recommended Prerequisite(s): Boys Baseball 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Baseball 3

Service ID: PES00002

Grade Level(s): 11

Credit(s): 1.0

Course Fee: There are costs
associated with this course; visit
with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's
Approval

Recommended Prerequisite(s): Boys Baseball 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Baseball 4

Service ID: PES00003

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs
associated with this course; visit
with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's
Approval

Recommended Prerequisite(s): Boys Baseball 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Basketball 3

Service ID: PES00002

Grade Level(s): 11

Credit(s): 1.0

Course Fee: There are costs
associated with this course; visit
with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's
Approval

Recommended Prerequisite(s): Boys Basketball 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Basketball 4

Service ID: PES00003

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs
associated with this course; visit
with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's
Approval

Recommended Prerequisite(s): Boys Basketball 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Basketball 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Basketball 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Basketball 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Cross Country 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Cross Country 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Cross Country or Track 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Cross Country 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Cross Country or Track 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Cross Country 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Cross Country or Track 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Football 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Football 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Football 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Football 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Football 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Football 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 0.5
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Football 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Golf 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): None
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Golf 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): Boys Golf 1
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Golf 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): Boys Golf 2
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Golf 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): Boys Golf 3
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Soccer 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): None
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Soccer 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Boys Soccer 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Soccer 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Boys Soccer 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Soccer 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Boys Soccer 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Swim 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** None**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Swim 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Swim 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Swim 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Swim 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Swim 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Swim 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Tennis 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Tennis 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Tennis 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Tennis 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Tennis 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Tennis 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Tennis 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Track 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Track 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Cross Country or Track 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Track 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Cross Country or Track 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Track 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Cross Country or Track 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Wrestling 1

Service ID: PES00000 **Grade Level(s):** 9 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Wrestling 2

Service ID: PES00001 **Grade Level(s):** 10 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Wrestling 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Wrestling 3

Service ID: PES00002 **Grade Level(s):** 11 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Wrestling 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Boys Wrestling 4

Service ID: PES00003 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: There are costs associated with this course; visit with coach for details
College Credit Hours: None **Weight:** Regular
Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Boys Wrestling 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Cheerleading 1**Service ID:** PES00013**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Mandatory tryouts Course**Recommended Prerequisite(s):** None**Description**

Cheerleaders are selected based upon judging during tryouts. Cheerleading class is limited to the students who made the cheerleading squad. Each member of the cheer squad will be scheduled in a class period for the fall and spring semester. The course will provide opportunities for individuals to learn routines, plan pep rallies and activities, develop skills, techniques, and conditioning necessary to be a successful cheerleader. Note: University Interscholastic League rules prohibit a student from enrolling in both drill team or cheerleading and athletics at the same time.

Cheerleading 2**Service ID:** PES00013**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Mandatory tryouts Course**Recommended Prerequisite(s):** CHEER 1**Description**

Cheerleaders are selected based upon judging during tryouts. Cheerleading class is limited to the students who made the cheerleading squad. Each member of the cheer squad will be scheduled in a class period for the fall and spring semester. The course will provide opportunities for individuals to learn routines, plan pep rallies and activities, develop skills, techniques, and conditioning necessary to be a successful cheerleader. Note: University Interscholastic League rules prohibit a student from enrolling in both drill team or cheerleading and athletics at the same time.

Cheerleading 3**Service ID:** PES00013**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Mandatory tryouts Course**Recommended Prerequisite(s):** CHEER 2**Description**

Cheerleaders are selected based upon judging during tryouts. Cheerleading class is limited to the students who made the cheerleading squad. Each member of the cheer squad will be scheduled in a class period for the fall and spring semester. The course will provide opportunities for individuals to learn routines, plan pep rallies and activities, develop skills, techniques, and conditioning necessary to

be a successful cheerleader. Note: University Interscholastic League rules prohibit a student from enrolling in both drill team or cheerleading and athletics at the same time.

Cheerleading 4

Service ID: PES00013

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Mandatory tryouts Course

Recommended Prerequisite(s): CHEER 3

Description

Cheerleaders are selected based upon judging during tryouts. Cheerleading class is limited to the students who made the cheerleading squad. Each member of the cheer squad will be scheduled in a class period for the fall and spring semester. The course will provide opportunities for individuals to learn routines, plan pep rallies and activities, develop skills, techniques, and conditioning necessary to be a successful cheerleader. Note: University Interscholastic League rules prohibit a student from enrolling in both drill team or cheerleading and athletics at the same time.

Girls Basketball 3

Service ID: PES00002

Grade Level(s): 11

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Girls Basketball 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Basketball 4

Service ID: PES00003

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Girls Basketball 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Basketball 1

Service ID: PES00000

Grade Level(s): 9

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): None
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Basketball 2

Service ID: PES00001
Course Fee: There are costs associated with this course; visit with coach for details
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): Girls Basketball 1
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Cross Country 1

Service ID: PES00000
Course Fee: There are costs associated with this course; visit with coach for details
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): None
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Cross Country 2

Service ID: PES00001
Course Fee: There are costs associated with this course; visit with coach for details
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): Girls Cross Country or Track 1
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Cross Country 3

Service ID: PES00002
Course Fee: There are costs associated with this course; visit with coach for details
Prerequisite(s): Coach's Approval
Recommended Prerequisite(s): Girls Cross Country or Track 2
Description
This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Cross Country 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Cross Country or Track 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Golf 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** None**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Golf 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Golf 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Golf 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Golf 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Golf 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Golf 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Soccer 1

Service ID: PES00000

Grade Level(s): 9

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Soccer 2

Service ID: PES00001

Grade Level(s): 10

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Girls Soccer 1

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Soccer 3

Service ID: PES00002

Grade Level(s): 11

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Girls Soccer 2

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Soccer 4

Service ID: PES00003

Grade Level(s): 12

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): Girls Soccer 3

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Swim 1

Service ID: PES00000

Grade Level(s): 9

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Coach's Approval

Recommended Prerequisite(s): None

Description

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Swim 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Swim 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Swim 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Swim 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Swim 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Swim 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Tennis 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** None**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Tennis 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Tennis 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Tennis 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Tennis 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Tennis 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Tennis 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Track 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** None**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Track 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Cross Country or Track 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Track 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Cross Country or Track 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Track 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Cross Country or Track 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Wrestling 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** None**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Wrestling 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Wrestling 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Wrestling 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Wrestling 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Girls Wrestling 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Wrestling 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Hi-Stepper 2

Service ID: PES00014

Grade Level(s): 10

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Mandatory tryouts & Director Approval

Course Fee(s): There are costs associated with this course; visit with the director for details

Recommended Prerequisite(s): None

Description

Hutto Hi-Steppers are a precision dance/drill team that performs year round at pep rallies, football, basketball, and community events. The drill team competes in the spring and hosts an end of year recital, Spring Show. The team attends Officer and Team camps in the summer. Students and parents will have personal costs and are expected to be part of fundraising and community activities throughout the year. This is a year-round commitment with many before school, after-school, and summer activities and practices. Auditions are held each December for the following year's team. Students will receive 1 PE credit for 1 year of Drill Team.

Hi-Stepper 3

Service ID: PES00014

Grade Level(s): 11

Credit(s): 1.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Mandatory tryouts & Director Approval

Course Fee(s): There are costs associated with this course; visit with the director for details

Recommended Prerequisite(s): Hi-Stepper 2

Description

Hutto Hi-Steppers are a precision dance/drill team that performs year round at pep rallies, football, basketball, and community events. The drill team competes in the spring and hosts an end of year recital, Spring Show. The team attends Officer and Team camps in the summer. Students and parents will have personal costs and are expected to be part of fundraising and community activities throughout the year. This is a year-round commitment with many before school, after-school, and summer activities and practices. Auditions are held each December for the following year's team. Students will receive 1 PE credit for 1 year of Drill Team.

Hi-Stepper 4**Service ID:** PES00014**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Mandatory tryouts & Director Approval**Course Fee(s):** There are costs associated with this course; visit with the director for details**Recommended Prerequisite(s):** Hi-Stepper 3**Description**

Hutto Hi-Steppers are a precision dance/drill team that performs year round at pep rallies, football, basketball, and community events. The drill team competes in the spring and hosts an end of year recital, Spring Show. The team attends Officer and Team camps in the summer. Students and parents will have personal costs and are expected to be part of fundraising and community activities throughout the year. This is a year-round commitment with many before school, after-school, and summer activities and practices. Auditions are held each December for the following year's team. Students will receive 1 PE credit for 1 year of Drill Team.

Lifetime Fitness and Wellness Pursuits**Service ID:** PES00051**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Lifetime Fitness and Wellness Pursuits is the 1st year of high school PE. Students are expected to participate in a wide range of individual sports and group games that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sports activities that are enjoyable is a major objective of this course. Course assessment will be determined by skills participation, team work, a positive attitude and written exams.

Lifetime Recreation and Outdoor Pursuits**Service ID:** PES00053**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Lifetime Recreation and Outdoor Pursuits is the 2nd or 3rd year of high school PE. Students are expected to participate in a wide range of individual sports and group games that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sports activities that are enjoyable is a major objective of this course. Course assessment will be determined by skills participation, teamwork, a positive attitude, and written exams.

PE Substitution Marching Band**Service ID:** PES00012**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with Director for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Director Approval**Recommended Prerequisite(s):** None**PE Substitution Drill Team****Service ID:** PES00014**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with Director for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Director Approval**Recommended Prerequisite(s):** None**PE Substitution JROTC****Service ID:** PES00004**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course is designed for students enrolled in Army (AJROTC), Air Force (AFJROTC), Navy (NJROTC), Marine Corps (MCJROTC), and Space Force (SFJROTC) programs. Note: JROTC I-IV may be used to satisfy one PE credit.

Skill-Based Lifetime Activities**Service ID:** PES00056**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This is the 4th year of high school PE. Students are expected to participate in a wide range of individual sports and group games that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sports activities that are enjoyable is a major objective of this course. Course assessment will be determined by skills participation, team work, a positive attitude and written exams

Softball 1**Service ID:** PES00000**Grade Level(s):** 9**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** None**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Softball 2**Service ID:** PES00001**Grade Level(s):** 10**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Softball 1**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Softball 3**Service ID:** PES00002**Grade Level(s):** 11**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Softball 2**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Softball 4**Service ID:** PES00003**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** There are costs associated with this course; visit with coach for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Coach's Approval**Recommended Prerequisite(s):** Girls Softball 3**Description**

This course is intended for the individuals that plan to tryout for this UIL Sport.

Sports Medicine 1**Service ID:** N1150040**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

The Sports Medicine I curriculum at Hutto High School is to provide an opportunity for the study and application of the components of sports medicine including but not limited to organizational and administrative considerations, legal responsibilities, prevention of athletic injuries, environmental concerns, general medical, pharmacology, rehabilitation and management skills, general fitness, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, therapeutic exercise, athletics and special populations.

Team Sport Officiating**Service ID:** N1160012**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Students enrolled in the Team Sport Officiating course will learn rules and regulations of selected team sports, developing skills in the area of communication, decision-making, and conflict management,

which are needed to officiate team sport competitions. They will work with coaches, players, other officials, and parents. The expectation is that students will have the ability to officiate at various levels and manage responsibilities that come with the role. Students will develop a personal fitness and injury prevention plan that directly relates to the needs of an official. Students will understand and apply time management skills required and recognize legal rights and responsibilities of an official involved with youth sports in the 21st century. Cardiopulmonary resuscitation (CPR), use of an automated external defibrillator (AED), and basic first aid skills will be taught in class. Students will be certified in CPR/AED first aid and receive an officiating certificate upon successful completion of course.

Career and Technical Education (CTE)

Business English

Service ID: 13011600

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): English III

Recommended Prerequisite(s): None

Description

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

Career Preparation for Programs of Study + Extended Career Preparation

Service ID: 12701141

Grade Level(s): 12

Credit(s): 3.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): At least one

Level 2 or higher CTE course

Recommended Prerequisite(s): None

Description

Career Preparation for Programs of Study provides additional opportunities for students to develop business and industry employment experiences, which must be related to the student's current program of study alongside advanced classroom instruction. The goal is to prepare students with a variety of skills to transition from job- to career-mindedness. This course provides a continuing focus on collaborative feedback between the employer, teacher, and student. Career Preparation for Programs of Study expands on Career Preparation General by increasing rigor, supporting student attainment of academic standards, and effectively preparing students for college and career success.

Career Preparation General + Extended Career Preparation

Service ID: 12701131

Grade Level(s): 12

Credit(s): 3.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): At least one credit in a CTE course

Description

Career Preparation General provides opportunities for students to participate in a work-based learning environment that incorporates continuous collaborative feedback between the employer, teacher, and student. This course combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is for students to obtain entry-level employment developing a variety of skills for obtaining and maintaining employment. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. This course is not in a program of study

Accounting & Financial Services

Principles of Business, Marketing, and Finance

Service ID: 13011200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

Foundations of Business Communication and Technologies

Service ID: 13011400

Grade Level(s): 7, 8, 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Foundations of Business Communication and Technologies, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Accounting I

Service ID: 13016600

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making.

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Financial Mathematics

Service ID: 13018000

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I

Recommended Prerequisite(s): None

Description

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors.

Accounting II

Service ID: 13016700

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Accounting I

Recommended Prerequisite(s): None

Description

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

Practicum in Business Management

Service ID: 13012200

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Business Management or Business Communication and Technologies

Description

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

Agricultural Technology & Mechanical Systems

Principles of Agriculture, Food, and Natural Resources

Service ID: 13000200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Principles of Agriculture, Food, and Natural Resources, students explore major areas of agriculture, food, and natural resources, including organizations, agribusiness leadership and communications, plant science, animal science, food science and technology, agricultural technology and mechanical systems, and environmental and natural resources. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Agricultural Mechanics and Metal Technologies

Service ID: 13002200

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Agriculture, Food, and Natural Resources

Description

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

Agricultural Structures Design and Fabrication + Agricultural Laboratory and Field Experience

Service ID: 13002310

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Agricultural Mechanics and Metal Technologies

Description

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication.

Agricultural Equipment Design and Fabrication + Agricultural Laboratory and Field Experience

Service ID: 13002360

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Agricultural Mechanics and Metal Technologies

Description

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication.

Practicum in Agriculture, Food, and Natural Resources + Extended Practicum

Service ID: 13002505

Grade Level(s): 12

Credit(s): 3.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster

Recommended Prerequisite(s): None

Description

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Scientific Research and Design

Service ID: 13037200

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Biology, and one credit of the following: Physics for Engineering, chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): None

Description

Scientific Research and Design allows districts and schools flexibility to develop local curriculum to supplement a program of study or coherent sequence. The course has the components of any rigorous scientific or CTE program of study, including problem identification, investigation design, data collection, data analysis, formulation, and presentation of conclusions. These components are integrated with the CTE emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. Students may take this course with different course content for a maximum of three credits.

Animal Science

Principles of Agriculture, Food, and Natural Resources

Service ID: 13000200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Principles of Agriculture, Food, and Natural Resources, students explore major areas of agriculture, food, and natural resources, including organizations, agribusiness leadership and communications, plant science, animal science, food science and technology, agricultural technology and mechanical systems, and environmental and natural resources. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Equine Science

Service ID: 13000500

Grade Level(s): 10, 11, 12

Credit(s): 0.5

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Agriculture, Food, and Natural Resources

Description

In Equine Science, students acquire knowledge and skills related to the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to equine systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Small Animal Management

Service ID: 13000400

Grade Level(s): 10, 11, 12

Credit(s): 0.5

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Agriculture, Food and Natural Resources

Description

In Small Animal Management, students acquire knowledge and skills related to the small animal management industry. Small Animal Management may address topics related to small animals such as dogs and cats, rabbits, pocket pets, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to small animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Livestock and Poultry Production

Service ID: 13000300

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): At least one course from the Agriculture,

Food, and Natural Resources
career cluster

Recommended Prerequisite(s): Principles of Agriculture, Food, and Natural Resources

Description

In Livestock and Poultry Production, students acquire knowledge and skills related to the livestock and poultry production industry. Livestock and Poultry Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to livestock and poultry systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Veterinary Science

Service ID: 13000600

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Equine

Science, Small Animal

Management, or Livestock and

Poultry Production

Recommended Prerequisite(s): None

Description

Veterinary Science covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Advanced Animal Science

Service ID: 13000700

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Biology and chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock and Poultry Production

Recommended Prerequisite(s): Veterinary Science

Description

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of animal production, including canine, feline, bovine, equine, caprine, porcine, ovine, poultry, and lagomorpha production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. Students must meet the 40% laboratory and fieldwork requirement.

Practicum in Agriculture, Food, and Natural Resources + Extended Practicum

Service ID: 13002505

Grade Level(s): 12

Credit(s): 3.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster

Recommended Prerequisite(s): None

Description

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Scientific Research and Design**Service ID:** 13037200**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Biology, and one credit of the following:

Physics for Engineering,
chemistry, Integrated Physics
and Chemistry (IPC), or physics

Recommended Prerequisite(s): None**Description**

Scientific Research and Design allows districts and schools flexibility to develop local curriculum to supplement a program of study or coherent sequence. The course has the components of any rigorous scientific or CTE program of study, including problem identification, investigation design, data collection, data analysis, formulation, and presentation of conclusions. These components are integrated with the CTE emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. Students may take this course with different course content for a maximum of three credits.

Automotive Technology

Automotive Basics**Service ID:** 13039550**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

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

Entrepreneurship I**Service ID:** 13011101**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Business, Marketing, and Finance**Description**

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea

using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

Automotive Technology I: Maintenance and Light Repair

Service ID: 13039600

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Automotive Basics

Description

Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Automotive Technology II: Automotive Service

Service ID: 13039700

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Automotive

Technology I: Maintenance and

Light Repair

Recommended Prerequisite(s): None

Description

Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Practicum in Transportation Systems

Service ID: 13040455

Grade Level(s): 12

Credit(s): 3.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Automotive

Technology I

Recommended Prerequisite(s): None

Description

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.

Business Management

Principles of Business, Marketing, and Finance

Service ID: 13011200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

Foundations of Business Communication and Technologies

Service ID: 13011400

Grade Level(s): 7, 8, 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Foundations of Business Communication and Technologies, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Business Law

Service ID: 13011700

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Business Communication and Technologies

Service ID: 13011500

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Foundations of Business Communication and Technologies

Recommended Prerequisite(s): None

Description

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

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Business Management

Service ID: 13012100

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

Statistics and Business Decision Making

Service ID: 13016900

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra II

Recommended Prerequisite(s): None

Description

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

Practicum in Business Management

Service ID: 13012200

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Business Management or Business Communication and Technologies

Description

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply

technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Culinary Arts

Principles of Hospitality and Tourism

Service ID: 13022200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Introduction to Culinary Arts

Service ID: 13022550

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Hospitality and Tourism

Description

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

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Culinary Arts

Service ID: 13022600

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 5

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Hospitality and Tourism and Introduction to Culinary Arts

Description

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Advanced Culinary Arts**Service ID:** 13022650**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** \$33/Credit Hour**College Credit Hours:** 4**Weight:** Regular**Prerequisite(s):** Culinary Arts**Recommended Prerequisite(s):** None**Description**

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

Food Science**Service ID:** 13023000**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular

Prerequisite(s): One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Hospitality and Tourism or Agriculture, Food, and Natural Resources career clusters

Recommended Prerequisite(s): Principles of Hospitality and Tourism**Description**

In Food Science, students examine the nature and properties of foods, food microbiology, and the principles of science in food production, processing, preparation, and preservation; use scientific methods to conduct laboratory and field investigations; and make informed decisions using critical thinking and scientific problem solving. This course provides students a foundation for further study that leads to occupations in food and beverage services; the health sciences; agriculture, food, and natural resources; and human services.

Practicum in Culinary Arts**Service ID:** 13022700**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Culinary Arts**Recommended Prerequisite(s):** None**Description**

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

Cybersecurity

Fundamentals of Computer Science

Service ID: 03580140

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Internetworking Technologies I

Service ID: N1302803

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$33/Credit Hour

College Credit Hours: 6

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

The purpose of this course is to begin to prepare students for a networking career by introducing how networks operate. This first course introduces architectures, models, protocols, and networking elements – understanding needed to support the operations and priorities of Fortune 500 companies to small innovative retail businesses. In this course, students will build simple local area networks (LANs), perform basic configurations for routers and switches, and develop a working knowledge of IP addressing schemes and foundational network security.

Advanced Placement (AP) Computer Science Principles

Service ID: A3580300

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): Algebra I

Description

In AP Computer Science Principles, you'll learn how computers and technology impact our daily lives by examining the apps we use, how our personal data is collected, and how technology can have positive and negative consequences.

Computer Science I**Service ID:** 03580200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

Networking + Networking Lab**Service ID:** 13027410**Grade Level(s):** 11, 12**Credit(s):** 2.0**Course Fee:** \$33/Credit Hour**College Credit Hours:** 6**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Information Technology, Computer Maintenance, and Computer Maintenance Lab**Description**

In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Advanced Placement (AP) Computer Science A**Service ID:** A3580110 &
A3580120**Grade Level(s):** 11, 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x) = x + 2$ and $f(x) = g(h(x))$ **Description**

AP Computer Science A explores how to use, build, and work with the technologies of tomorrow to help answer some of the biggest questions of today. In this course, you'll design and implement computer programs using a subset of the Java programming language that can be used to develop algorithms, data structures, and solve problems.

Cybersecurity Capstone**Service ID:** 03580855**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** \$33/Credit Hour**College Credit Hours:** 6**Weight:** Regular**Prerequisite(s):** Foundations of
Cybersecurity**Recommended Prerequisite(s):** None

Description

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. A variety of courses are available to students interested in the cybersecurity field. Cybersecurity Capstone may serve as a culminating course in this field of study.

Digital Communications

Principles of Arts, Audio/Video Technology, and Communications**Service ID:** 13008200**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Careers in the Arts, Audio Visual Technology, and Communications career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Audio/Video Production I**Service ID:** 13008500**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Arts, Audio/Video Technology, and Communications**Description**

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre- production, production, and post-production audio and video products.

Entrepreneurship I**Service ID:** 13011101**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Business, Marketing, and Finance**Description**

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

Audio/Video Production II + Audio/Video Production II Lab**Service ID:** 13008610**Grade Level(s):** 11, 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Audio/Video

Production I

Recommended Prerequisite(s): None**Description**

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

Practicum in Audio/Video Production

Service ID: 13008700

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Audio/Video
Production II and Audio/Video
Production II Lab

Recommended Prerequisite(s): None

Description

Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Engineering Foundations

Principles of Applied Engineering

Service ID: 13036200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and be able to make informed career decisions.

Physics for Engineering

Service ID: 13037150

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): One credit of
Algebra I and one credit of
chemistry, physics, or Integrated
Physics and Chemistry (IPC)

Recommended Prerequisite(s): None

Description

In Physics for Engineering, students conduct laboratory and field investigations, use scientific and engineering practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems are described in terms of space, time, energy, and matter. Students study topics, including laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students apply physics concepts and perform laboratory experimentations for at least 40 percent of instructional time using safe practices.

Robotics I**Service ID:** 13037000**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Applied Engineering**Description**

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

Engineering Design and Presentation**Service ID:** 13036500**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular

Prerequisite(s): Algebra I and at least one credit in a course from the Engineering career cluster

Recommended Prerequisite(s): Principles of Applied Engineering**Description**

Students enrolled in Engineering Design and Presentation demonstrate knowledge and skills of the design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Through implementation of the design process, students transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and learn what is required to gain and maintain employment in these areas.

Engineering Mathematics**Service ID:** 13036700**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra II**Recommended Prerequisite(s):** None**Description**

Engineering Mathematics is a course where students solve and model design problems. Students will use a variety of mathematical methods and models to represent and analyze problems that represent a range of real-world engineering applications such as robotics, data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and computer programming.

Robotics II**Service ID:** 13037050**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Robotics I**Recommended Prerequisite(s):** None**Description**

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Engineering Science

Service ID: 13037500

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I, one credit in biology, and at least one credit in a course from the Engineering career cluster

Recommended Prerequisite(s): Geometry, Integrated Physics and Chemistry (IPC), one credit in chemistry, or one credit in physics

Description

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

Advanced Engineering Design and Presentation

Service ID: 13036600

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I, Geometry, and Engineering Design and Presentation

Recommended Prerequisite(s): None

Description

Advanced Engineering Design and Presentation is a continuation of knowledge and skills learned in Engineering Design and Presentation. Students enrolled in this course demonstrate advanced knowledge and skills of a system design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students expand on the use of a variety of computer hardware and software applications to complete assignments and projects. Through implementation of a system design process, students transfer advanced academic skills to component designs and engineering systems. Emphasis is placed on transdisciplinary and integrative approaches using skills from ideation, prototyping, and project management methods.

Engineering Design and Problem Solving

Service ID: 13037300

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I, Geometry, and at least one credit in a Level 2 or higher course in the Engineering career cluster

Recommended Prerequisite(s): Engineering Science, chemistry, or physics

Description

The Engineering Design and Problem Solving course extends students' problem solving skills by identifying needs and then devising solutions using scientific and engineering practices. Students apply prior knowledge to develop a multi-system product or solution for a complex problem. Students demonstrate project management skills by collaborating as part of a team, conducting research, and analyzing data that culminates in a comprehensive report and presentation. Technical drawings, models, and prototypes are created using the appropriate tools, materials, and techniques. Structured decision-making processes are used to select and justify a preferred, multi-system solution to an authentic problem. Students develop, implement, and document repeated trials of experiments and tests using scientific and engineering practices to determine whether a prototype meets design requirements.

Practicum in Engineering

Service ID: 12756080

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I and Geometry and a minimum of two credits with at least one course in a Level 2 or higher course from the Engineering career cluster

Recommended Prerequisite(s): None

Description

Practicum in Engineering is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in engineering, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Scientific Research and Design

Service ID: 13037200

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Biology, and one credit of the following:

Physics for Engineering, chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): None

Description

Scientific Research and Design allows districts and schools flexibility to develop local curriculum to supplement a program of study or coherent sequence. The course has the components of any rigorous scientific or CTE program of study, including problem identification, investigation design, data collection, data analysis, formulation, and presentation of conclusions. These components are integrated with the CTE emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. Students may take this course with different course content for a maximum of three credits.

Entrepreneurship

Principles of Business, Marketing, and Finance

Service ID: 13011200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

Foundations of Business Communication and Technologies

Service ID: 13011400 **Grade Level(s):** 7, 8, 9, 10, 11, 12 **Credit(s):** 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Foundations of Business Communication and Technologies, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Mobile Application Development

Service ID: 03580390 **Grade Level(s):** 11, 12 **Credit(s):** 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I

Recommended Prerequisite(s): None

Description

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Entrepreneurship I

Service ID: 13011101 **Grade Level(s):** 11, 12 **Credit(s):** 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea

using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

Entrepreneurship II

Service ID: 13011102

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s):

Entrepreneurship I

Recommended Prerequisite(s): None

Description

In Entrepreneurship II, students gain the knowledge and skills needed to become successful entrepreneurs within an innovative marketplace in a free enterprise system. The goal and outcome of the course are for students to have a business launched by the end of the course or have the tools necessary to launch and operate a business. In this course, students learn and initiate the process of taking a business plan from idea to implementation. Students are encouraged to work in close cooperation with local industry leaders and community members to develop ideas and objectives, complete a business planning tool, pitch for funding, and register with governmental agencies.

Statistics and Business Decision Making

Service ID: 13016900

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra II

Recommended Prerequisite(s): None

Description

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

Practicum in Entrepreneurship

Service ID: 13011111

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study

Description

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

Family & Community Services

Principles of Human Services

Service ID: 13024200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Child Development

Service ID: 13024700

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services or Principles of Education and Training

Description

Child Development is a course that addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Interpersonal Studies

Service ID: 13024400

Grade Level(s): 7, 8, 9, 10, 11,
12

Credit(s): 0.5

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services, Principles of Hospitality and Tourism, Principles of Health Science, or Principles of Education and Training

Description

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

Lifetime Nutrition and Wellness

Service ID: 13024500 **Grade Level(s):** 7, 8, 9, 10, 11, 12 **Credit(s):** 0.5

Course Fee: None **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services, Principles of Hospitality and Tourism, or Principles of Health Science

Description

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

Family and Community Services

Service ID: 13024900 **Grade Level(s):** 11, 12 **Credit(s):** 1.0

Course Fee: None **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services

Description

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

Practicum in Human Services

Service ID: 13025000 **Grade Level(s):** 12 **Credit(s):** 2.0

Course Fee: None **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services career cluster.

Graphic Design & Interactive Media

Principles of Arts, Audio/Video Technology, and Communications

Service ID: 13008200 **Grade Level(s):** 9, 10, 11, 12 **Credit(s):** 1.0

Course Fee: None **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Careers in the Arts, Audio Visual Technology, and Communications career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Game Programming and Design

Service ID: 03580380

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I

Recommended Prerequisite(s): None

Description

Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Animation I

Service ID: 13008300

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Arts, Audio/Video Technology, and Communications or Art I

Description

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

Animation II + Animation II Lab**Service ID:** 13008410**Grade Level(s):** 11, 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Animation I**Recommended Prerequisite(s):** None**Description**

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

Practicum in Animation**Service ID:** 13008450**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Animation II + Animation II Lab**Recommended Prerequisite(s):** None**Description**

Building upon the concepts taught in Animation II and its corequisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab- based classroom experiences or career preparation opportunities.

Commercial Photography I**Service ID:** 13009100**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

Commercial Photography II + Commercial Photography II Lab**Service ID:** 13009210**Grade Level(s):** 11, 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Commercial Photography I and Commercial Photography I Lab**Description**

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Practicum in Commercial Photography**Service ID:** 13009250**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Commercial Photography I and Commercial

Photography I Lab along with
teacher recommendation

Recommended Prerequisite(s): None

Description

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Graphic Design and Illustration I

Service ID: 13008800

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Arts, Audio/Video Technology, and Communications

Description

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

Graphic Design and Illustration II + Graphic Design and Illustration II Lab

Service ID: 13008910

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Graphic Design
and Illustration I

Recommended Prerequisite(s): None

Description

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

Practicum in Graphic Design and Illustration

Service ID: 13009000

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Graphic Design
and Illustration II + Graphic
Design and Illustration II Lab

Recommended Prerequisite(s): None

Description

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Health Science

Principles of Health Science

Service ID: 13020200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): None

Description

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

Medical Terminology

Service ID: 13020300 **Grade Level(s):** 10, 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): None

Description

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

Health Science Theory

Service ID: 13020400 **Grade Level(s):** 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): One credit in biology and at least one credit in a course from the Health Science career cluster

Recommended Prerequisite(s): Medical Terminology

Description

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will become familiar with industry-based standards for documenting and maintaining medical information; research industry employment requirements, including education, certification, and licensing requirements; and evaluate ethical and legal responsibilities of health science professionals. Students will employ hands-on experiences for continued clinical knowledge and skill development.

Honors Anatomy and Physiology

Service ID: 13020600 **Grade Level(s):** 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Advanced
Prerequisite(s): One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): A course from the Health Science career cluster

Description

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

Anatomy and Physiology

Service ID: 13020600 **Grade Level(s):** 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): A course from the Health Science career cluster

Description

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

Honors Medical Microbiology

Service ID: 13020700

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster

Recommended Prerequisite(s): None

Description

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Medical Microbiology

Service ID: 13020700

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster

Recommended Prerequisite(s): None

Description

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Medical Microbiology

Service ID: 13020700

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster

Recommended Prerequisite(s): None

Description

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Practicum in Health Science - CCMA**Service ID:** 13020500**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Health Science
Theory, Biology, and Anatomy &
Physiology**Recommended Prerequisite(s):** None**Description**

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

Practicum in Health Science - EMT**Service ID:** 13020500**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** \$1,210**College Credit Hours:** 6**Weight:** Regular**Prerequisite(s):** Health Science
Theory, Biology, and Anatomy &
Physiology**Recommended Prerequisite(s):** None**Description**

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

Practicum in Health Science - Pharmacy Tech**Service ID:** 13020500**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Health Science
Theory, Biology, and Anatomy &
Physiology**Recommended Prerequisite(s):** None**Description**

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

Junior Reserve Officers Training Corps

PE Substitution JROTC**Service ID:** PES00004**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course is designed for students enrolled in Army (AJROTC), Air Force (AFJROTC), Navy (NJROTC), Marine Corps (MCJROTC), and Space Force (SFJROTC) programs. Note: JROTC I-IV may be used to satisfy one PE credit.

Junior Reserve Officers' Training Corps (JROTC) I**Service ID:** 03160100**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course is designed for students enrolled in Army (AJROTC), Air Force (AFJROTC), Navy (NJROTC), Marine Corps (MCJROTC), and Space Force (SFJROTC) programs. Note: JROTC I-IV may be used to satisfy one PE credit.

Junior Reserve Officers' Training Corps (JROTC) II

Service ID: 03160200 **Grade Level(s):** 10, 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): JROTC I
Recommended Prerequisite(s): None

Description

This course is designed for students enrolled in Army (AJROTC), Air Force (AFJROTC), Navy (NJROTC), Marine Corps (MCJROTC), and Space Force (SFJROTC) programs. Note: JROTC I-IV may be used to satisfy one PE credit.

Junior Reserve Officers' Training Corps (JROTC) III

Service ID: 03160300 **Grade Level(s):** 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): JROTC I and JROTC II

Recommended Prerequisite(s): None

Description

This course is designed for students enrolled in Army (AJROTC), Air Force (AFJROTC), Navy (NJROTC), Marine Corps (MCJROTC), and Space Force (SFJROTC) programs. Note: JROTC I-IV may be used to satisfy one PE credit.

Junior Reserve Officers' Training Corps (JROTC) IV

Service ID: 03160300 **Grade Level(s):** 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): JROTC I, JROTC II, and JROTC III

Recommended Prerequisite(s): None

Description

This course is designed for students enrolled in Army (AJROTC), Air Force (AFJROTC), Navy (NJROTC), Marine Corps (MCJROTC), and Space Force (SFJROTC) programs. Note: JROTC I-IV may be used to satisfy one PE credit.

Law Enforcement

Principles of Law, Public Safety, Corrections, and Security

Service ID: 13029200 **Grade Level(s):** 9, 10, 11, 12 **Credit(s):** 1.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): None

Description

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

Law Enforcement I

Service ID: 13029300

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Law, Public Safety, Corrections, and Security

Description

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

Criminal Investigation

Service ID: 13029550

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Law, Public Safety, Corrections, and Security

Description

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

Law Enforcement II

Service ID: 13029400

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Law Enforcement I

Description

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

Forensic Psychology

Service ID: N1303012

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Law Enforcement I and Psychology

Description

Forensic psychology is found at the intersection between psychology and the criminal justice system. It involves understanding criminal law in the relevant jurisdictions in order to be able to interact within the criminal justice system. It utilizes and applies basic skills developed in psychology and criminal scenarios resulting in a structured and scientific approach to investigative analysis; thereby, enabling police and law enforcement officials to predict criminal activity via scientific analysis rather than intuition. Students will learn basic structured psychological investigative techniques in question building, interviewing, criminal behavior characteristics, truth detection methodology, research methods, statistical analysis and probability forecasting.

Forensic Science

Service ID: 13029500

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): One credit in biology, one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): None

Description

Forensic Science is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history and the legal aspects of forensic science.

Practicum in Law, Public Safety, Corrections, and Security

Service ID: 13030100

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Manufacturing Technology

Principles of Applied Engineering

Service ID: 13036200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and be able to make informed career decisions.

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Blueprint Reading for Manufacturing Applications

Service ID: N1303684

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: \$33/Credit Hour

College Credit Hours: 3

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Blueprint Reading for Manufacturing Applications is an introduction to reading and interpreting working drawings for fabrication processes and associated trades. Students will learn sketching techniques to create pictorial and multiple-view drawings. Students will interpret working drawings including dimensions, notes, symbols, sections and auxiliary views.

Metal Fabrication and Machining I

Service ID: 13032700

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 7

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Algebra I or Geometry

Description

Metal Fabrication and Machining I provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. Students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Metal Fabrication and Machining II

Service ID: 13032800

Grade Level(s): 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 7

Weight: Regular

Prerequisite(s): Metal

Fabrication and Machining I

Recommended Prerequisite(s): Geometry and Algebra II

Description

Metal Fabrication and Machining II builds on the knowledge, skills, and certifications students acquire in Metal Fabrication and Machining I. Students will develop advanced concepts and skills as related to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Programming & Software Development

Fundamentals of Computer Science

Service ID: 03580140

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Advanced Placement (AP) Computer Science Principles**Service ID:** A3580300**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I**Description**

In AP Computer Science Principles, you'll learn how computers and technology impact our daily lives by examining the apps we use, how our personal data is collected, and how technology can have positive and negative consequences.

Computer Science I**Service ID:** 03580200**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

Entrepreneurship I**Service ID:** 13011101**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Business, Marketing, and Finance**Description**

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

Game Programming and Design**Service ID:** 03580380**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I**Recommended Prerequisite(s):** None**Description**

Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Advanced Placement (AP) Computer Science A**Service ID:** A3580110 &
A3580120**Grade Level(s):** 11, 12**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or a student should be comfortable with functions and the concepts found in the uses of functional notation such as $f(x) = x + 2$ and $f(x) = g(h(x))$ **Description**

AP Computer Science A explores how to use, build, and work with the technologies of tomorrow to help answer some of the biggest questions of today. In this course, you'll design and implement computer programs using a subset of the Java programming language that can be used to develop algorithms, data structures, and solve problems.

Computer Science II**Service ID:** 03580300**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I and

Computer Science I or AP

Computer Science Principles

Recommended Prerequisite(s): None**Description**

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented

throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

Mobile Application Development

Service ID: 03580390

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Algebra I

Recommended Prerequisite(s): None

Description

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Computer Science III

Service ID: 03580350

Grade Level(s): 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Computer Science II, Advanced Placement (AP) Computer Science A, or International Baccalaureate (IB) Computer Science Standard Level or IB Computer Science Higher Level

Recommended Prerequisite(s): None

Description

Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts.

Scientific Research and Design**Service ID:** 13037200**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Biology, and one credit of the following:

Physics for Engineering, chemistry, Integrated Physics and Chemistry (IPC), or physics

Recommended Prerequisite(s): None**Description**

Scientific Research and Design allows districts and schools flexibility to develop local curriculum to supplement a program of study or coherent sequence. The course has the components of any rigorous scientific or CTE program of study, including problem identification, investigation design, data collection, data analysis, formulation, and presentation of conclusions. These components are integrated with the CTE emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. Students may take this course with different course content for a maximum of three credits.

Robotics & Automation Technology

Principles of Applied Engineering**Service ID:** 13036200**Grade Level(s):** 9, 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and be able to make informed career decisions.

Robotics I**Service ID:** 13037000**Grade Level(s):** 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Principles of Applied Engineering**Description**

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

Engineering Design and Presentation**Service ID:** 13036500**Grade Level(s):** 10, 11, 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Algebra I and at least one credit in a course from the Engineering career cluster**Recommended Prerequisite(s):** Principles of Applied Engineering**Description**

Students enrolled in Engineering Design and Presentation demonstrate knowledge and skills of the design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Through implementation of the design process, students transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and learn what is required to gain and maintain employment in these areas.

Robotics II**Service ID:** 13037050**Grade Level(s):** 12**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Robotics I**Recommended Prerequisite(s):** None**Description**

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Practicum in Manufacturing**Service ID:** 13033000**Grade Level(s):** 12**Credit(s):** 2.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

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

Teaching & Training

Principles of Human Services

Service ID: 13024200

Grade Level(s): 9, 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Child Development

Service ID: 13024700

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services or Principles of Education and Training

Description

Child Development is a course that addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Instructional Practices

Service ID: 13014400

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): At least one credit in a course from the Education and Training career cluster

Recommended Prerequisite(s): Principles of Education and Training, Human Growth and Development, or Child Development

Description

Instructional Practices is a field-based (practicum) course that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, 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 perform other duties of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training

Service ID: 13014500

Grade Level(s): 12

Credit(s): 2.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Instructional Practices

Recommended Prerequisite(s): Principles of Education and Training, Human Growth and Development, and Child Development

Description

Practicum in Education and Training is a field-based course that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and

exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and perform other duties of classroom teachers, trainers, paraprofessionals, or other educational personnel.

Welding

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Welding II

Service ID: 13032400

Grade Level(s): 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 8

Weight: Regular

Prerequisite(s): Welding I

Recommended Prerequisite(s): Algebra I or Geometry

Description

Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Welding I

Service ID: 13032300

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 6

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding

Description

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Practicum in Manufacturing

Service ID: 13033000

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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

Grade Level(s): 12

College Credit Hours: None

Credit(s): 2.0

Weight: Regular

Other Electives

PLEASE NOTE: Not all elective courses listed in this guide are guaranteed to be offered each year. Final availability is determined by student interest, enrollment numbers, and staffing capacity. Courses may be adjusted or removed based on these factors.

Peer Assistance and Leadership, PAL I

Service ID: N1290005

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Peer Assistance and Leadership® (PAL®) I is an introductory peer mentoring elective designed for high school students in grades 9-12. In this course, students are trained to serve as peer mentors, offering guidance and support to their classmates on campus as well as to students in feeder schools. The PAL® I course focuses on building meaningful relationships, addressing key challenges like academic struggles, bullying, violence, suicide, and substance misuse, while also cultivating fundamental leadership skills. PAL® I students cultivate essential skills such as teamwork, adaptability, and public speaking, preparing them for success in college, careers, or military service.

Grade Level(s): 9, 10, 11, 12

College Credit Hours: None

Credit(s): 1.0

Weight: Regular

Aide (Semester)

Service ID: 00085000

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Student clerk in administrative, Guidance, Library and laboratory areas. The class provides valuable work experience for a senior that has achieved all credits for graduation. (1 Semester Only, Local Credit- does NOT meet graduation requirements)

Aide (Year)

Service ID: 00085000

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Student clerk in administrative, Guidance, Library and laboratory areas. The class provides valuable work experience for a senior that has achieved all credits for graduation. (Year, Local Credit- does NOT meet graduation requirements)

Grade Level(s): 12

College Credit Hours: None

Credit(s): 0.0

Weight: Regular

Grade Level(s): 12

College Credit Hours: None

Credit(s): 0.0

Weight: Regular

Dual Credit

ENGL 1301 - Composition I

Service ID: 03220300

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): HS English II

Recommended Prerequisite(s): TSIA Reading and Writing

Description

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

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ENGL 1302 - Composition II

Service ID: 03220300

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): ENGL 1301

Recommended Prerequisite(s): TSIA Reading and Writing

Description

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.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ENGL 2311- Technical and Business Writing

Service ID: 03221100

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): ENGL 1302

Recommended Prerequisite(s): TSIA Reading and Writing

Description

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.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ENGL 2322- British Literature I**Service ID:** 03220400**Grade Level(s):** N/A**Credit(s):** 1.0**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** ENGL 1302 or ENGL 2311**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

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 requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ENGL 2327- American Literature I**Service ID:** 03220400**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** ENGL 1302 or ENGL 2311**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

PHIL 1301- Introduction to Philosophy**Service ID:** 03221800**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

SPCH 1311- Introduction to Speech Communication

Service ID: 03241400

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

SPCH 1315- Public Speaking

Service ID: 03240900

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 1314 - College Algebra Non-STEM

Service ID: 03100600

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: \$15.00 (lab)

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Math

Description

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

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 1324 - Mathematics for Business & Social Sciences**Service ID:** 13018000**Grade Level(s):** N/A**Credit(s):** 1.0**Course Fee:** \$15.00 (lab)**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Math**Description**

The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 1332 - Contemporary Math/Quantitative Reasoning**Service ID:** 03102500**Grade Level(s):** N/A**Credit(s):** 1.0**Course Fee:** \$15.00 (lab)**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Math**Description**

Intended for Non-STEM majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded through the course. Additional topics may be covered.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 1414- College Algebra STEM Majors**Service ID:** 03102500**Grade Level(s):** N/A**Credit(s):** 1.0**Course Fee:** \$15.00 (lab)**College Credit Hours:** 4**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Math**Description**

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. Additional Course Fees: Lab Fee: \$15.00

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 1442- Elementary Statistical Methods**Service ID:** 03102500**Grade Level(s):** N/A**Credit(s):** 1.0**Course Fee:** \$15.00 (lab)**College Credit Hours:** 4**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Math**Description**

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.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 2412- Pre-Calculus Math

Service ID: 03101100

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): Complete

MATH 1314-with a grade of C or higher, MATH 1414-College

Algebra STEM with a grade of C or higher, Score of 61 or better

on ALEKS PPL Placement Test, Grade of B or higher on High

School Transcript for

Precalculus - Must be completed prior to taki

Recommended Prerequisite(s): none

Description

In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Topics may include trigonometric functions and their graphs, trigonometric identities, radian and degree measure, trigonometric equations, solutions of triangles, inverse trigonometric functions, vectors (parametric and polar representations are included), conic sections, sequences and series, and mathematical induction. Students may be required to use a calculator. This course may include MyMathLab.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MATH 2413- Calculus I

Service ID: 03102500

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): MATH-2412 or

Approval of Department Chair

with appropriate AP or

credit-by-exam scores. - Must

be completed prior to taking this course.

Recommended Prerequisite(s): none

Description

This course includes Limits and continuity; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions; and the Fundamental Theorem of Calculus, with an application to calculation of areas. Students may be required to use a calculator.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 1322- Nutrition and Diet Therapy

Service ID: 13023000

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Recommended Prerequisite(s): TSIA Reading and Writing

Description

This course introduces general nutritional concepts in health and disease and includes practical applications of that knowledge. Special emphasis is given to nutrients and nutritional processes including functions, food sources, digestion, absorption, and metabolism. Food safety, availability, and nutritional information including food labels, advertising, and nationally established guidelines are addressed. Topics include classes, sources, and functions of nutrients, digestion and absorption, and metabolism with applications to normal and therapeutic nutritional needs. In addition to learning how the body handles nutrients, students will analyze personal eating habits; develop a personal weight control plan; analyze food labels; distinguish between nutrition fact and myth; identify relationships between nutrition and disease; and integrate nutrition information into daily lives. This course is not a core curriculum course. Additional Course Fees:

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 1406- Biology for Science Majors I (General Biology I)

Service ID: 13037200

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 1407- Biology for Science Majors II (General Biology II)

Service ID: 13037210

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

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.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 2289- Research Methodology**Service ID:** 13037220**Grade Level(s):** N/A**Credit(s):** 1.0**Course Fee:** none**College Credit Hours:** 2**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

An instructional program designed to integrate on-campus study with practical hands-on work experience in the biological/life sciences. In conjunction with class seminars, the individual student will set specific goals and objectives in the study of living organisms and their systems. Students work under the supervision of the instructor after a research project of mutual interest is selected. Students design and perform laboratory or field investigations proposals to present at the end of the course. Course covers research design, data collection, data organization and analysis, and presentation of data. This course is a required component of the biological honors program.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 2401-Anatomy & Physiology I**Service ID:** 13020600**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 4**Weight:** Advanced**Prerequisite(s):** Biology & a
2nd science credit**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

Anatomy and Physiology I is the first part of a two course sequence. It is a study of the structure and function of the human body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include integumentary, skeletal, muscular, nervous, and special senses.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 2402-Anatomy & Physiology II**Service ID:** 13020600**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 4**Weight:** Advanced**Prerequisite(s):** BIOL 2401

Recommended Prerequisite(s): TSIA Reading and Writing**Description**

Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics).

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 2420-Microbiology for Health Science**Service ID:** 13020700**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 4**Weight:** Advanced**Prerequisite(s):** HS Biology & Chemistry**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

This course covers basic microbiology and immunology and is primarily directed at pre-nursing, pre-allied health, and non-science majors. It provides an introduction to historical concepts of the nature of microorganisms, microbial diversity, the importance of microorganisms and acellular agents in the biosphere, and their roles in human and animal diseases. Major topics include bacterial structure as well as growth, physiology, genetics, and biochemistry of microorganisms. Emphasis is on medical microbiology, infectious diseases, and public health. The lab covers basics of culture and identification of bacteria and microbial ecology.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

BIOL 2421-Microbiology for Science Majors**Service ID:** 13020700**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 4**Weight:** Advanced**Prerequisite(s):** BIOL

1406/BIOL 1407 or BIOL

1411/BIOL 1413; CHEM-1411

Recommended Prerequisite(s): TSIA Reading and Writing**Description**

Principles of microbiology, including metabolism, structure, function, genetics, and phylogeny of microbes. The course will also examine the interactions of microbes with each other, hosts, and the environment. Laboratory activities will reinforce principles of microbiology, including metabolism, structure, function, genetics, and phylogeny of microbes.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

CHEM 1305-Introduction to Chemistry and Brewing I**Service ID:** 03040000**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced

Prerequisite(s): 1 science credit & Algebra I

Recommended Prerequisite(s): TSIA Math and Reading

Description

First half of a survey introductory course in chemistry with an emphasis on beverage chemistry. Topics may include measurement, bonding, reactions and yields, thermodynamics, kinetics, solution chemistry, equilibrium, acid-base chemistry, gases and pressure, organic functional groups, biomolecules, and water chemistry. Real-world processes such as Maillard and Strecker reactions, fermentation pathways, roasting, extraction, filtration, and decaffeination are examined. Designed for non-science majors.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule

CHEM 1307-Introduction to Chemistry and Brewing II

Service ID: 03040000

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): 2 science credit & Algebra I

Recommended Prerequisite(s): TSIA Math and Reading

Description

Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry. Designed for students who are not science majors.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

CHEM 1405-Intro to Gen, Org, and Biochem

Service ID: 13037200

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Math and Reading

Description

Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry. Designed for allied health students and for students who are not science majors. Survey introductory course in chemistry with an emphasis on health and healthcare. Topics include atoms, atomic structure, compounds, bonding, acid-base chemistry, organic structures and reactions, carbohydrates, proteins, lipids, nucleic acids, and metabolism. Designed for allied health students and for students who are not science majors.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

CHEM-1407 Intro to Chemistry & Forensics

Service ID: 13037210

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Math and Reading

Description

Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry. Designed for non-science and allied health students.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

PHYS-1401 College Physics I

Service ID: 03050000

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): MATH-1314 and MATH-1316; or MATH-2312 or MATH-2412. - Must be completed prior to taking this course.

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving. Laboratory activities will reinforce fundamental principles of physics taught in the lecture.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

PHYS-1402 College Physics II

Service ID: 03050000

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): PHYS-1401 -

Must be completed prior to taking this course.

Recommended Prerequisite(s): TSIA Reading, Writing, and Math

Description

Fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Laboratory portion is integrated with lecture portion.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

HIST-2311 Western Civilization I**Service ID:** 03340400**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

A survey of the social, political, economic, cultural, religious, and intellectual history of Europe and the Mediterranean world from human origins to the 17th century. Themes that should be addressed in Western Civilization I include the cultural legacies of Mesopotamia, Egypt, Greece, Rome, Byzantium, Islamic civilizations, and Europe through the Middle Ages, Renaissance, and Reformations. This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

HIST-2312 Western Civilization II**Service ID:** 03340400**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

A survey of the social, political, economic, cultural, religious, and intellectual history of Europe and the Mediterranean world from the 17th century to the modern era. Themes that should be addressed in Western Civilization II include absolutism and constitutionalism, growth of nation states, the Enlightenment, revolutions, classical liberalism, industrialization, imperialism, global conflict, the Cold War, and globalism. This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

HIST-1301 United States History I**Service ID:** 03340100**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

HIST-1302 United States History II**Service ID:** 03340100**Grade Level(s):** N/A**Credit(s):** 0.5**Course Fee:** none**College Credit Hours:** 3**Weight:** Advanced**Prerequisite(s):** none**Recommended Prerequisite(s):** TSIA Reading and Writing**Description**

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

GOVT-2305 Federal Government

Service ID: 03330100

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

GOVT-2306 Texas Government

Service ID: 03380001

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ECON-2301 Prin of Macroeconomics

Service ID: 03310300

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

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

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection.

Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ECON-2302 Prin of Microeconomics

Service ID: 03310301

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

Analysis of the behavior of individual economic agents, including consumer behavior and demand, producer behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

GEOG-1303 World Regional Geography

Service ID: 03320100

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): none

Description

This course is an introduction to the world's major regions seen through their defining physical, social, cultural, political, and economic features. These regions are examined in terms of their physical and human characteristics and their interactions. The course emphasizes relations among regions on issues such as trade, economic development, conflict, and the role of regions in the globalization process.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

PSYC-2301 General Psychology

Service ID: 03350100

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading

Description

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

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

SOCI-1301 Introduction to Sociology

Service ID: 03370100

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): TSIA Reading and Writing

Description

The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of

sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance.
 This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

SPAN-1411 Beginning Spanish I

Service ID: 03440100 **Grade Level(s):** N/A **Credit(s):** 1.0
Course Fee: none **College Credit Hours:** 4 **Weight:** Advanced
Prerequisite(s): none
Recommended Prerequisite(s): TSIA Reading and Writing

Description

Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level.
 This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

SPAN-1412 Beginning Spanish II

Service ID: 03440200 **Grade Level(s):** N/A **Credit(s):** 1.0
Course Fee: none **College Credit Hours:** 4 **Weight:** Advanced
Prerequisite(s): SPAN 1411 or equivalent
Recommended Prerequisite(s): none

Description

Continued development of basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the high beginner to low intermediate level.
 This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

ARTS-1301 Art Appreciation

Service ID: 03500100 **Grade Level(s):** N/A **Credit(s):** 1.0
Course Fee: none **College Credit Hours:** 3 **Weight:** Advanced
Prerequisite(s): none
Recommended Prerequisite(s): TSIA Reading and Writing

Description

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

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

MUSI-1306 Music Appreciation

Service ID: 03155600

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): none

Description

Understanding music through the study of cultural periods, major composers, and musical elements. Illustrated with audio recordings and live performances. (Does not apply to a music major degree.) This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule

EDUC-1300 Learning Frameworks

Service ID: 13014400

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): none

Description

This course teaches concepts from the learning sciences to help students acquire the strategies and the tenacity necessary to succeed in mathematics, in other college coursework, and within their future careers: research and theory in the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Course instruction focuses on four main content strands: developing and maintaining motivation for college success, developing and using study strategies and skills, building community and connecting to campus resources, and developing a college completion plan.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

COSC-1301 Introduction to Computing

Service ID: 13027300

Grade Level(s): N/A

Credit(s): 0.5

Course Fee: none

College Credit Hours: 3

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): none

Description

COSC-1436 Programming Fundamentals I

Service ID: 03580200

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): none

Recommended Prerequisite(s): none

Description

Introduces the fundamental concepts of structured programming. Topics include software development methodology, data types, control structures, functions, arrays and the mechanics of running, testing, and debugging. This course assumes computer literacy.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection.

Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

COSC-1437 Programming Fundamentals II

Service ID: 03580300

Grade Level(s): N/A

Credit(s): 1.0

Course Fee: none

College Credit Hours: 4

Weight: Advanced

Prerequisite(s): COSC 1436

Recommended Prerequisite(s): none

Description

Review of control structures and data types with emphasis on structured data types. Applies the object-oriented programming paradigm, focusing on the definition and use of classes along with the fundamentals of object-oriented design. Includes basic algorithms, searching and sorting techniques, and an introduction to software engineering.

This course requires acceptance into an approved Hutto ISD Dual Credit Program, and admission to Temple College. Students cannot self-select this course during Hutto ISD's spring course selection. Students must first apply to the dual credit program of their interest. Upon admission to the dual credit program, the counselor adds dual credit courses to the student's schedule.

Advanced Culinary Arts

Service ID: 13022650

Grade Level(s): 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 4

Weight: Regular

Prerequisite(s): Culinary Arts

Recommended Prerequisite(s): None

Description

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

Culinary Arts

Service ID: 13022600

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 5

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Hospitality and Tourism and Introduction to Culinary Arts

Description

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Cybersecurity Capstone

Service ID: 03580855

Grade Level(s): 12

Credit(s): 1.0

Course Fee: \$33/Credit Hour

College Credit Hours: 6

Weight: Regular

Prerequisite(s): Foundations of Cybersecurity

Recommended Prerequisite(s): None

Description

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. A variety of courses are available to students interested in the cybersecurity field. Cybersecurity Capstone may serve as a culminating course in this field of study.

Internetworking Technologies I

Service ID: N1302803

Grade Level(s): 10, 11, 12

Credit(s): 1.0

Course Fee: \$33/Credit Hour **College Credit Hours:** 6 **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): None
Description

The purpose of this course is to begin to prepare students for a networking career by introducing how networks operate. This first course introduces architectures, models, protocols, and networking elements – understanding needed to support the operations and priorities of Fortune 500 companies to small innovative retail businesses. In this course, students will build simple local area networks (LANs), perform basic configurations for routers and switches, and develop a working knowledge of IP addressing schemes and foundational network security.

Networking + Networking Lab

Service ID: 13027410 **Grade Level(s):** 11, 12 **Credit(s):** 2.0
Course Fee: \$33/Credit Hour **College Credit Hours:** 6 **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): Principles of Information Technology, Computer Maintenance, and Computer Maintenance Lab

Description

In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Practicum in Health Science - EMT

Service ID: 13020500 **Grade Level(s):** 12 **Credit(s):** 2.0
Course Fee: \$1,210 **College Credit Hours:** 6 **Weight:** Regular
Prerequisite(s): Health Science Theory, Biology, and Anatomy & Physiology

Recommended Prerequisite(s): None

Description

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

Metal Fabrication and Machining I

Service ID: 13032700 **Grade Level(s):** 11, 12 **Credit(s):** 2.0
Course Fee: \$33/Credit Hour **College Credit Hours:** 7 **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): Algebra I or Geometry

Description

Metal Fabrication and Machining I provides the knowledge, skills, and certifications required for equal employment opportunities in the metal production industry. Students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Metal Fabrication and Machining II

Service ID: 13032800 **Grade Level(s):** 12 **Credit(s):** 2.0
Course Fee: \$33/Credit Hour **College Credit Hours:** 7 **Weight:** Regular

Prerequisite(s): Metal

Fabrication and Machining I

Recommended Prerequisite(s): Geometry and Algebra II

Description

Metal Fabrication and Machining II builds on the knowledge, skills, and certifications students acquire in Metal Fabrication and Machining I. Students will develop advanced concepts and skills as related to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Welding I

Service ID: 13032300

Grade Level(s): 11, 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 6

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Algebra I, Principles of Manufacturing, Introduction to Precision Metal Manufacturing, or Introduction to Welding

Description

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Welding II

Service ID: 13032400

Grade Level(s): 12

Credit(s): 2.0

Course Fee: \$33/Credit Hour

College Credit Hours: 8

Weight: Regular

Prerequisite(s): Welding I

Recommended Prerequisite(s): Algebra I or Geometry

Description

Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Blueprint Reading for Manufacturing Applications

Service ID: N1303684

Grade Level(s): 11, 12

Credit(s): 1.0

Course Fee: \$33/Credit Hour

College Credit Hours: 3

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Blueprint Reading for Manufacturing Applications is an introduction to reading and interpreting working drawings for fabrication processes and associated trades. Students will learn sketching techniques to create pictorial and multiple-view drawings. Students will interpret working drawings including dimensions, notes, symbols, sections and auxiliary views.



HUTTO ISD MIDDLE SCHOOL PROGRAM INFORMATION

General Information

The Hutto Middle School Program Guide was developed to support parents and students in making informed choices for the student's educational career.

Hutto ISD does not discriminate on the basis of race, religion, color, national origin, gender, disability, or any other basis prohibited by law in providing education services, activities, and programs, including CTE programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; and Title II of the Americans with Disabilities Act of 1990 (ADA), as amended, which incorporates and expands upon the requirements of Section 504 of the Rehabilitation Act of 1973, as amended.

Course Selection and Scheduling

Students must carefully plan their course selections. Students will receive specific instructions and assistance from school counselors during the scheduling process. In addition to a grade level registration assembly, all middle school students and their families are invited to an information night to explore the course offerings available. It is important that students and parents give careful consideration to selecting appropriate courses as course selections are considered final.

Look over the course descriptions and consider any prerequisites for courses of interest. Also consider how courses in middle school may impact high school graduation requirements. Select courses that relate to future academic and career goals. Hutto ISD requires that all students enroll in the required core area courses, which include English Language Arts, Mathematics, Science, and Social Studies. Students have the option of choosing electives based on interest. Elective choices are scheduled based on teachers and sections available

for the current school year.

Additional Notes Regarding Course Selections: If there is insufficient enrollment for a course, the course may not be offered and one of the alternates selected by a student will be used. Electives may be replaced with academic lab or enrichment courses in Reading, Math, and/or Science if a student demonstrates a need for targeted intervention. Please think carefully prior to selecting courses for next school year. Staffing allocations are based on course selections therefore course changes cannot be made after schedules have been finalized.

STAAR Assessments

The State of Texas Assessments of Academic Readiness (STAAR®) includes annual assessments for the following middle school subjects:

6th grade: Math and Reading

7th grade: Math and Reading

8th grade: Math, Reading, Science and Social Studies

NOTE: Students who take Pre-AP Algebra I in 8th grade will be required to take the End-of-course (EOC) assessment for Algebra I.

For more information on the STAAR assessment, visit the Texas Education Agency website, [STAAR Resources | Texas Education Agency](#)

HUTTO ISD MIDDLE SCHOOL COURSE DESCRIPTIONS

English Language Arts and Reading

Honors Language Arts 6

Service ID: 03200510

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Language Arts 6 with more depth and complexity. This class may encourage a summer project.

Honors Language Arts 7

Service ID: 03200520

Grade Level(s): 7

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Language Arts 7 with more depth and complexity. Classes may encourage a summer project

Honors Language Arts 8

Service ID: 03200530

Grade Level(s): 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Language Arts 8 with more depth and complexity. Classes may encourage a summer project

Language Arts 6

Service ID: 03200510

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course integrates 6th grade language arts by exploring genres such as fiction, nonfiction, poetry, and drama, through analysis of literature that reflects a diverse cultural and literary heritage and the creation of each genre through the writing process. The grammatical, mechanical and syntactic skills of language are taught within the context of composition with students using technology to enhance the written and oral composition processes, emphasizing editing and revising to produce polished publications for specific audiences. The course enhances students' language skills by emphasizing critical thinking and logical development of ideas as students use the communication skills of reading, writing, research, and media literacy. Students demonstrate style, voice, and sophistication in appropriate composition. Students draw data from multiple primary and secondary sources for use in research reports and projects. Students present oral and written reports, including presentations strengthened by visuals and media

Language Arts 7

Service ID: 03200520

Grade Level(s): 7

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course integrates 7th grade language arts by exploring genres such as fiction, nonfiction, poetry, and drama, through analysis of literature that reflects a diverse cultural and literary heritage and the creation of each genre through the writing process. The grammatical, mechanical and syntactic skills of language are taught within the context of composition with students using technology to enhance the written and oral composition processes, emphasizing editing and revising to produce polished publications for specific audiences. The course enhances students' language skills by emphasizing critical thinking and logical development of ideas as students use the communication skills of reading, writing, research, and media literacy. Students demonstrate style, voice, and sophistication in appropriate composition. Students draw data from multiple primary and secondary sources for use in research reports and projects. Students present oral and written reports, including presentations strengthened by visuals and media

Language Arts 8

Service ID: 03200530

Grade Level(s): 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course integrates 8th grade language arts by exploring genres such as fiction, nonfiction, poetry, and drama, through analysis of literature that reflects a diverse cultural and literary heritage and the creation of each genre through the writing process. The grammatical, mechanical and syntactic skills of language are taught within the context of composition with students using technology to enhance the written and oral composition processes, emphasizing editing and revising to produce polished publications for specific audiences. The course enhances students' language skills by emphasizing critical thinking and logical development of ideas as students use the communication skills of reading, writing, research, and media literacy. Students demonstrate style, voice, and sophistication in appropriate composition. Students draw data from multiple primary and secondary sources for use in research reports and projects. Students present oral and written reports, including presentations strengthened by visuals and media.

Math

On Level Math Track

Math 6

6th Grade Content (Take 6th STAAR)

Math 7

7th Grade Content (Take 7th STAAR)

Math 8

8th Grade Content (Take 8th STAAR)

Advanced Math Track

Advanced Math 6

Combines 6th and 7th Grade Content
(Take 6th STAAR)

Advanced Math 7

Wraps up 7th Grade and has all of 8th Grade Content
(Take 8th STAAR)

Algebra I*

*Students earn high school credit and take Algebra I EOC

Hutto ISD complies with the Texas Education Code 28.029 the Middle School Advanced Mathematics Program which seeks to increase the number of students who complete advanced mathematics courses in high school. This is accomplished by ensuring more students complete Algebra I by the end of eighth grade. Policy requires that we look at the students who performed in the top 60% on the Grade 5 Math STAAR Assessment or the top 40% of a local assessment and those students will be automatically enrolled in Accelerated Math in 6th grade. The parent or guardian of a student who has been identified for automatic enrollment in an LEA's middle school advanced mathematics program may opt the student out of the program by contacting the school counselor, but we encourage all students who meet this requirement to enroll in this accelerated track.

Honors Math 6

Service ID: 02640060

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Math 6 and introduce foundational 7th grade math standards

Grade Level(s): 6

College Credit Hours: None

Credit(s): 0.0

Weight: Advanced

Honors Math 7

Service ID: 03103100

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same standards as Math 8 with the remaining 7th grade standards embedded. Students enrolled in this course will take the 8th Grade Math STAAR exam and be enrolled in Algebra I their 8th grade year

Grade Level(s): 7

College Credit Hours: None

Credit(s): 0.0

Weight: Advanced

Junior Honors Algebra 1

Service ID: 03100500

Course Fee: None

Prerequisite(s): 8th grade math
or its equivalent

Recommended Prerequisite(s): None

Description

This course will explore the same standards as High School Algebra I to a greater depth and complexity. Students successfully completing this course will take the STAAR Algebra I EOC exam and receive 1 high school credit

Grade Level(s): 8

College Credit Hours: None

Credit(s): 1.0

Weight: Advanced

Math 6

Service ID: 02640060

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Concepts, procedures, and vocabulary needed to be successful in upper-level mathematics courses are introduced, developed incrementally and continually practiced. Students learn to solve 1-step equations and inequalities to begin creating a solid foundation for algebraic reasoning and are introduced to exponents, square roots, and geometric formulas. Students work extensively with ratios, proportionality, percent, fractions, decimals, integers, and multiple representations. Students continually practice problem-solving techniques through exploration and multi-step word problems

Grade Level(s): 6

College Credit Hours: None

Credit(s): 0.0

Weight: Regular

Math 7

Service ID: 03103000

Course Fee: None

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Concepts, procedures, and vocabulary needed to be successful in upper-level mathematics courses are introduced, developed incrementally and continually practiced. Students learn 2-step linear equations to build onto their algebraic reasoning and are introduced to probability, perimeter and area of circles, volume of prisms/pyramids, and simple vs compound interest. Students work extensively with proportions, multiple representations, rational numbers, data analysis, and percentages. Students continually practice problem-solving techniques through exploration and multi-step word problems.

Grade Level(s): 7

College Credit Hours: None

Credit(s): 0.0

Weight: Regular

Math 8

Service ID: 03103100

Course Fee: None

Prerequisite(s): None

Grade Level(s): 8

College Credit Hours: None

Credit(s): 0.0

Weight: Regular

Recommended Prerequisite(s): None

Description

Concepts, procedures, and vocabulary needed for success in upper-level mathematics courses are introduced, developed incrementally, and continually practiced. Students learn slope of linear equations to deepen their understanding of algebraic reasoning and are introduced to transformations, Pythagorean Theorem, volume of spheres, scientific notation and scatter plots. Students work extensively with multiple representations, equations, graphing, and proportionality. Students continually practice problem-solving techniques through exploration and multi-step word problems

Science

Honor Science 7

Service ID: 03060700

Grade Level(s): 7

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Life Environmental Science 7 with more depth and complexity

Honors Science 6

Service ID: 02830000

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Physical Science 6 with more depth and complexity

Honors Science 8

Service ID: 03060800

Grade Level(s): 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Advanced

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the same topics as Earth Space Science 8 with more depth and complexity

Science 6

Service ID: 02830000

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course provides students with the skills to apply science concepts to their daily life. Science instruction involves teaching students to answer questions and solve problems, to become skilled in collecting information and data, to organize it in an effective manner, to represent data in various graphs and models, draw conclusions by analyzing this data, and to become knowledgeable in the content of science

Science 7**Service ID:** 03060700**Grade Level(s):** 7**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course focuses on life on planet Earth. This course stresses the interrelationships and interdependence between living organisms and the physical, chemical and earth science world. Curriculum follows a coordinated thematic approach. Learning in each of these topics will be accomplished through the presentation of complex concepts and explanations of science related phenomena and additional laboratory activities. The students are encouraged to do a science research project reinforcing the use of the scientific method as a problem solving approach to daily life

Science 8**Service ID:** 03060800**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course focuses on students' understanding of basic scientific concepts such as chemical reactions, forces and motion, and earth systems. Students will use critical thinking and scientific problem solving to help prepare them for high school science courses

Social Studies

Honors Texas History**Service ID:** 03343000**Grade Level(s):** 7**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as Texas History 7 with more depth and complexity

Honors US History**Service ID:** 03343100**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as American History 8 with more depth and complexity

Honors World Cultures**Service ID:** 02870000**Grade Level(s):** 6**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will explore the same topics as World Cultures 6 with more depth and complexity

Texas History 7**Service ID:** 03343000**Grade Level(s):** 7**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course will help students develop an understanding and appreciation of the history and geography of Texas as well as the state's cultural heritage from the early times to the present

United States History 8**Service ID:** 03343100**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course presents a detailed study of history from the early colonial period through the Civil War and Reconstruction. Students will research major themes and develop creative projects for historical periods covered. Knowledge of the founding documents will be emphasized and the skills and attitudes of responsible citizenship will be studied, developed and reinforced

World Cultures 6**Service ID:** 02870000**Grade Level(s):** 6**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

This course studies the people and places of the contemporary world. This course is multidisciplinary and draws its content and concepts from history, geography, government, citizenship, economics, culture and technology. It also includes elements of the arts, humanities, and language arts

Languages Other Than English

Spanish 1**Service ID:** 03440100**Grade Level(s):** 7, 8**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Spanish I is an introductory course that focuses on developing basic skills of speaking, listening, reading, and writing within the five goals of the TEKS for LOTE: communication, cultures, connections, comparisons, and communities. Emphasis is placed on understanding common expressions, commands, and simple conversations. A basic vocabulary is built and the grammatical structure of the language is taught. Cultural topics are incorporated throughout the course.

Spanish 2**Service ID:** 03440200**Grade Level(s):** 7, 8**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Advanced**Prerequisite(s):** Spanish I**Recommended Prerequisite(s):** None

Description

This course reviews the basic structures and vocabulary learned in Spanish I and builds on them with additional structures and vocabulary. Videos, role-playing, and projects are used to reinforce language skills and to continue the study of Hispanic cultures. Continued development of basic conversation skills is an important part of the class and is encouraged through creative oral activities.

Fine Arts

Music, Middle School 1, Band**Service ID:** 03154130**Grade Level(s):** 6, 7, 8**Credit(s):** 0.0**Course Fee:** There are costs associated with this course; visit with director for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Meeting with Band Director for Instrument Placement**Recommended Prerequisite(s):** None**Description**

The Beginner Band is open to all students. No musical background or training is required. This course will focus on the fundamental skills of playing a wind or percussion instrument, including technique, music literacy, music history, and basic ensemble skills. Students are expected to practice regularly outside of class meetings. There are performance requirements for this course and minimal extra rehearsals and performances may be scheduled outside the school day. Placement on an instrument is through a screening process with a band director only.

Music, Middle School 2, Band**Service ID:** 03154230**Grade Level(s):** 7, 8**Credit(s):** 0.0**Course Fee:** There are costs associated with this course; visit with director for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** One year school band experience; director approval**Recommended Prerequisite(s):** None**Description**

This course for second-year band members focuses on building the fundamental skills necessary for successful tone production, notation reading, and basic instrumental technique. Basic ensemble skills are a focus in this class. Students in this course will maintain an active performance and rehearsal schedule and will have some extracurricular commitments, including practices outside the regular instructional day. There may be extra financial obligations associated with this course, though financial aid is available for qualifying students. Ensemble placement is through audition only.

Music, Middle School 3, Band**Service ID:** 03154330**Grade Level(s):** 8**Credit(s):** 0.0

Course Fee: There are costs associated with this course; visit with director for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Two years of school band experience, director approval

Recommended Prerequisite(s): None

Description

This course is designed for third-year band students and focuses on expanding individual and ensemble performance techniques, music literacy skills, and developing a deeper understanding of music history and style. Students in this course will maintain an active performance schedule and will have some extracurricular commitments, including practices outside the regular instructional day. There may be extra financial obligations associated with this course, though financial aid is available for qualifying students. Ensemble placement is through audition only.

Music, Middle School 1, Choir

Service ID: 03154131

Grade Level(s): 6, 7, 8

Credit(s): 0.0

Course Fee: There may be costs associated with this course; visit with director for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will focus on mastering basic musical skills through the use of choral music. These skills include rhythmic reading, solfege, sight reading, and vocal development. Instructional strategies used will be various types of unison, and two and three part choral music

Music, Middle School 2, Choir

Service ID: 03154231

Grade Level(s): 7, 8

Credit(s): 0.0

Course Fee: There may be costs associated with this course; visit with director for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): One year of school choir experience, director approval.

Recommended Prerequisite(s): None

Description

This course focuses on expanding the fundamental skills and techniques of choral singing, music literacy, and performance. Concert music and sight-reading selections are more advanced and more challenging. Students have multiple performance opportunities, including formal concerts, pep rally performances, and possible performances in the community. The choir may also participate in the UIL Concert & Sight-Reading Evaluation, and individual students may participate in the All-Region Choir audition process.

Music, Middle School 3, Choir

Service ID: 03154331

Grade Level(s): 8

Credit(s): 0.0

Course Fee: There may be costs associated with this course; visit with director for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Two years of school choir experience, director approval.

Recommended Prerequisite(s): None

Description

This course is for advanced third-year choir students and focuses on advanced individual and ensemble singing skills. Students have multiple performance opportunities, including formal concerts, pep rally performances, and performances in the community. The choir may also participate in the UIL Concert & Sight-Reading Evaluation, and individual students are encouraged to participate in the All-Region Choir audition process

Dance, Middle School 1**Service ID:** 03154120**Grade Level(s):** 6, 7, 8**Credit(s):** 0.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information

Prerequisite(s): None**Recommended Prerequisite(s):** None**Description**

Dance allows students to learn dance skills, improve their technique, poise, self-confidence, and creative ability, and deepen their understanding of and appreciation for various dance genres. *This course listing is for fine arts credit. Students must select the Dance Physical Education course under Physical Education if choosing to meet middle school Physical Education requirements through Dance.

Dance, Middle School 2**Service ID:** 03154220**Grade Level(s):** 7, 8**Credit(s):** 0.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information

Prerequisite(s): Dance 1**Recommended Prerequisite(s):** None**Description**

Dance 2 will explore topics similar to Dance 1, with more depth and complexity. *This course listing is for fine arts credit. Students must select the Dance Physical Education course under Physical Education if choosing to meet middle school Physical Education requirements through Dance.

Dance, Middle School 3**Service ID:** 03154320**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** There are costs associated with this course.**College Credit Hours:** None**Weight:** Regular

Please see the Director for more information

Prerequisite(s): Dance 2**Recommended Prerequisite(s):** None**Description**

Dance 3 will explore topics similar to Dance 1 and Dance 2, with more depth and complexity. *This course listing is for fine arts credit. Students must select the Dance Physical Education course under Physical Education if choosing to meet middle school Physical Education requirements through Dance.

Music, Middle School 1, Instrumental Ensemble/Guitar**Service ID:** 03154133**Grade Level(s):** 7, 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

The purpose of this class is to teach students the basic beginning level skills of music note reading and music performance on the guitar. While a student may have played the guitar in the past, it is not necessary for students to have previous experience in playing the guitar.

Music, Middle School 2, Instrumental Ensemble/Guitar**Service ID:** 03154233**Grade Level(s):** 7, 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Guitar 1**Recommended Prerequisite(s):** None**Description**

The purpose of this class is to expand upon the basic beginning level skills of music note reading and music performance on the guitar. Students are expected to practice regularly outside of class meetings. There are performance requirements for this course and extra rehearsals and performances may be scheduled outside the school day.

Music, Middle School 3, Instrumental Ensemble/Guitar**Service ID:** 03154333**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Guitar 2**Recommended Prerequisite(s):** None**Description**

The purpose of this class is to further expand the skills of music note reading and music performance on the guitar. Students are expected to practice regularly outside of class meetings. There are performance requirements for this course and extra rehearsals and

Music, Middle School 1, Orchestra**Service ID:** 03154132**Grade Level(s):** 6, 7, 8**Credit(s):** 0.0**Course Fee:** There are costs associated with this course; visit with director for details**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Meeting withOrchestra Director for
Instrument Placement**Recommended Prerequisite(s):** None**Description**

Orchestra 1 is the first level of the orchestra, geared toward the student with little or no previous experience playing a stringed instrument. Orchestra 1 classes are separated by sections to allow more opportunities for individualized instruction and feedback. Students will learn proper instrument position and posture, note and rhythm reading skills, proper right and left-hand technique, and proper rehearsal and concert etiquette.

Music, Middle School 2, Orchestra**Service ID:** 03154232**Grade Level(s):** 7, 8**Credit(s):** 0.0

Course Fee: There are costs associated with this course; visit with director for details
College Credit Hours: None
Weight: Regular

Prerequisite(s): Orchestra 1

Recommended Prerequisite(s): None

Description

Orchestra 2 is the second orchestra level made up of mostly seventh and eighth-grade students with at least one year of prior playing experience. Orchestra 2 meets every day as one class and participates in daily rehearsal as an ensemble with all instrument sections. Along with strengthening and refining the fundamentals of string playing, students will focus on advancing instrumental technique, music literacy, and artistic expression.

Music, Middle School 3, Orchestra

Service ID: 03154332

Grade Level(s): 8

Credit(s): 0.0

Course Fee: There are costs associated with this course; visit with director for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Orchestra 2

Recommended Prerequisite(s): None

Description

Orchestra 3 is the highest orchestra level of students who demonstrate established fundamentals of string playing, sight reading ability, as well as advanced techniques including vibrato and shifting. Orchestra 3 students are expected to exhibit exemplary musicianship, leadership, and citizenship inside and outside of the classroom.

Theatre, Middle School 1

Service ID: 03154140

Grade Level(s): 6, 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course will explore the various aspects of theatre arts, including acting, character development, vocalization, theatre history, improvisation, playwriting, and technical theatre, all at an introductory level. Students will grow in their comfortability in performing in front of an audience and in their ability to collaborate. Some rehearsal and performance dates outside of school hours may be required.

Theatre, Middle School 2

Service ID: 03154240

Grade Level(s): 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Theatre 1

Recommended Prerequisite(s): None

Description

Students will evaluate characterization, explore preparation and warm-up techniques, create expressive movement, mime, to define space and characters, demonstrate the mechanisms of vocal production, analyze dramatic literature and production. In dramatizations the student interprets characters using the voice and body expressively. The student is expected to create characters, dialogue, and actions in improvised and scripted scenes using effective voice and diction. The student will create theatrical elements such as scenery, properties, lighting, sound, costume, makeup, and publicity using the principles of design. The student is expected to understand and demonstrate appropriate audience etiquette at various types of live performances. Finally the student will explore career and vocational opportunities in theatre.

Theatre, Middle School 3**Service ID:** 03154340**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Theatre 2**Recommended Prerequisite(s):** None**Description**

Students will further evaluate characterization, explore preparation and warm-up techniques, create expressive movement, mime, to define space and characters, demonstrate the mechanisms of vocal production, analyze dramatic literature and production. In dramatizations the student interprets characters using the voice and body expressively. The student is expected to create characters, dialogue, and actions in improvised and scripted scenes using effective voice and diction. The student will create theatrical elements such as scenery, properties, lighting, sound, costume, makeup, and publicity using the principles of design. The student is expected to understand and demonstrate appropriate audience etiquette at various types of live performances. Finally the student will explore career and vocational opportunities in theatre.

Art, Middle School 1**Service ID:** 03154110**Grade Level(s):** 6, 7, 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Activities in the TEKS-based Art curriculum will be centered on exploring the elements of art and principles of design in selected projects which may include drawing, design, painting, ceramics, and three-dimensional projects. A variety of mediums will be used to create 2-and 3- dimensional artwork.

Art, Middle School 2**Service ID:** 03154210**Grade Level(s):** 7, 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Art 1**Recommended Prerequisite(s):** None**Description**

Students will further explore the elements of art and principles of design, as presented in Art 1. Students will be encouraged and expected to display a higher degree of initiative and creativity in the production of all work, regardless of chosen medium, whether it be ceramics, painting, drawing, cartooning, or computer art. Students may, at times, complete independent projects with a teacher-approved goal in mind.

Art, Middle School 3**Service ID:** 03154310**Grade Level(s):** 8**Credit(s):** 0.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** Art 2**Recommended Prerequisite(s):** None**Description**

This course is a continuation of Art 2 and will further explore and develop the spiraling curriculum from Art 2. Students will explore the elements of art and principles of design, as presented in Art 2. Students will be encouraged and expected to display a higher degree of initiative and creativity in the production of all work, regardless of chosen medium, whether it be ceramics, painting, drawing, cartooning, or computer art. Students may, at times, complete independent projects with a teacher approved goal in mind.

PE, Athletics, & Health

Coach's Approval; Must meet all UIL requirements and be placed in the program at recommendation by the coach. Some sports may require a tryout for final placement on a team. Participation requires an annual passing physical dated after May 1st of the previous school year. In May, the high school will host a clinic where students can complete their physical. Please reach out to your coach regarding the required Rank One forms

6th Boys PE

Service ID: 02850000

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course includes individual motor skills, individual fitness, team, as well as dual and individual sports. Special units are offered in recreational and lifetime activities. Requirements include suiting out, attendance to personal hygiene, and daily participation. Students may choose to participate in special instructional units that may require a nominal fee. A unit on health including first aid, nutrition and mental health will be incorporated into the course. This course is taken for the duration of the school year.

6th Boys Pre-Athletics

Service ID: 02850000

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

6th Grade Pre-Athletics is a Physical Education class which is designed to prepare 6th grade students for the Hutto ISD Athletic Program in the 7th grade. Students choosing to participate in Pre-Athletics should anticipate daily workouts during the class period that are significantly more physical and mentally demanding than what they may experience in a regular P.E. class. Students will focus on athletic conditioning, strength and agility. The Pre-Athletic class will also focus on sports in-season at the time; ex: Volleyball, Football, Basketball, Track and Tennis. Students will learn skills, drills and rules for those sports as well.

6th Girls PE

Service ID: 02850000

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): None
Description

This course includes individual motor skills, individual fitness, team, as well as dual and individual sports. Special units are offered in recreational and lifetime activities. Requirements include suiting out, attendance to personal hygiene, and daily participation. Students may choose to participate in special instructional units that may require a nominal fee. A unit on health including first aid, nutrition and mental health will be incorporated into the course. This course is taken for the duration of the school year.

6th Girls Pre-Athletics

Service ID: 02850000 **Grade Level(s):** 6 **Credit(s):** 0.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular
Prerequisite(s): None
Recommended Prerequisite(s): None

Description

6th Grade Pre-Athletics is a Physical Education class which is designed to prepare 6th grade students for the Hutto ISD Athletic Program in the 7th grade. Students choosing to participate in Pre-Athletics should anticipate daily workouts during the class period that are significantly more physical and mentally demanding than what they may experience in a regular P.E. class. Students will focus on athletic conditioning, strength and agility. The Pre-Athletic class will also focus on sports in-season at the time; ex: Volleyball, Football, Basketball, Track and Tennis. Students will learn skills, drills and rules for those sports as well.

7th Boys Athletics

Service ID: 03823070 **Grade Level(s):** 7 **Credit(s):** 0.0
Course Fee: There are costs associated with this course; visit with coach for details **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation by the coach. Some sports may require a tryout for final placement on a team. Participation requires an annual passing physical dated after May 1st of the previous school year.

Recommended Prerequisite(s): None

Description

This course is designed for athletes that want to participate in 1 or more UIL Athletic events.

7th Boys PE

Service ID: 03823000 **Grade Level(s):** 7 **Credit(s):** 0.0
Course Fee: None **College Credit Hours:** None **Weight:** Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course includes individual motor skills, individual fitness, team, as well as dual and individual sports. Special units are offered in recreational and lifetime activities. Requirements include suiting out, attendance to personal hygiene, and daily participation. Students may choose to participate in special instructional units that may require a nominal fee. A unit on health including first aid, nutrition and mental health will be incorporated into the course. This course is taken for the duration of the school year.

7th Girls Athletics

Service ID: 03823070

Grade Level(s): 7

Credit(s): 0.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation by the coach. Some sports may require a tryout for final placement on a team. Participation requires an annual passing physical dated after May 1st of the previous school year.

Recommended Prerequisite(s): None

Description

This course is designed for athletes that want to participate in 1 or more UIL Athletic events.

7th Girls PE

Service ID: 03823000

Grade Level(s): 7

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course includes individual motor skills, individual fitness, team, as well as dual and individual sports. Special units are offered in recreational and lifetime activities. Requirements include suiting out, attendance to personal hygiene, and daily participation. Students may choose to participate in special instructional units that may require a nominal fee. A unit on health including first aid, nutrition and mental health will be incorporated into the course. This course is taken for the duration of the school year.

8th Boys Athletics

Service ID: 03823080

Grade Level(s): 8

Credit(s): 0.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Must meet all UIL requirements and be placed

in the program at recommendation by the coach. Some sports may require a tryout for final placement on a team. Participation requires an annual passing physical dated after May 1st of the previous school year.

Recommended Prerequisite(s): None

Description

This course is designed for athletes that want to participate in 1 or more UIL Athletic events.

8th Boys PE

Service ID: 03823000

Grade Level(s): 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course includes individual motor skills, individual fitness, team, as well as dual and individual sports. Special units are offered in recreational and lifetime activities. Requirements include suiting out, attendance to personal hygiene, and daily participation. Students may choose to participate in special instructional units that may require a nominal fee. A unit on health including first aid, nutrition and mental health will be incorporated into the course. This course is taken for the duration of the school year.

8th Girls Athletics

Service ID: 03823080

Grade Level(s): 8

Credit(s): 0.0

Course Fee: There are costs associated with this course; visit with coach for details

College Credit Hours: None

Weight: Regular

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation by the coach.

Some sports may require a tryout for final placement on a team. Participation requires an annual passing physical dated after May 1st of the previous school year.

Recommended Prerequisite(s): None

Description

This course is designed for athletes that want to participate in 1 or more UIL Athletic events.

8th Girls PE

Service ID: 03823000

Grade Level(s): 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

This course includes individual motor skills, individual fitness, team, as well as dual and individual sports. Special units are offered in recreational and lifetime activities. Requirements include suiting out, attendance to personal hygiene, and daily participation. Students may choose to participate in special instructional units that may require a nominal fee. A unit on health including first aid, nutrition and mental health will be incorporated into the course. This course is taken for the duration of the school year.

Dance 1 PE

Service ID: 02850000

Grade Level(s): 6, 7, 8

Credit(s): 0.0

Course Fee: Yes

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Dance 1 will provide students an opportunity to learn the skills of dance while improving their technique, poise, self-confidence and creative ability as well as deepening their understanding of and appreciation for various dance genres. *This course is for physical education credit. Students must select the Dance course under Fine Arts to meet the middle school fine art requirement.

Dance 2 PE

Service ID: 03823080

Grade Level(s): 7, 8

Credit(s): 0.0

Course Fee: Yes

College Credit Hours: None

Weight: Regular

Prerequisite(s): Dance 1

Recommended Prerequisite(s): None

Description

Dance II will provide students an opportunity to learn the skills of dance while improving their technique, poise, self-confidence and creative ability as well as deepening their understanding of and appreciation for various dance genres. *This course is for physical education credit. Students must select the Dance course under Fine Arts to meet the middle school fine arts requirement.

Dance 3 PE

Service ID: 03154320

Grade Level(s): 7, 8

Credit(s): 0.0

Course Fee: Yes

College Credit Hours: None

Weight: Regular

Prerequisite(s): Dance 1 and
Dance 2

Recommended Prerequisite(s): None

Description

Dance 3 will explore similar topics to Dance 1 and Dance 2 with more depth and complexity. *This course is for physical education credit. Students must select the Dance course under Fine Arts to meet the middle school fine arts requirement

Career and Technical Education (CTE)

Communication and Technology in Education

Service ID: 13014310

Grade Level(s): 7

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Education and Training

Description

Communication and Technology in Education is an extended course of study designed to provide students with the fundamentals of planning, managing, and training services needed to provide learning support services in Kindergarten-Grade 12 classrooms. Students will develop knowledge and skills regarding the professional, ethical, and legal responsibilities in teaching related to educational technology; students will also understand laws and pedagogical justifications regarding classroom technology use. Students will develop knowledge of developmentally appropriate practice for age level

when technology is used by learners. This course provides an opportunity for students to participate in training related to standards set by the International Society for Technology in Education.

Digital Design and Media Production

Service ID: 03580400

Grade Level(s): 7, 8

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Dollars and Sense

Service ID: 13024300

Grade Level(s): 7, 8

Credit(s): 0.5

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services

Description

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

Entrepreneurship I

Service ID: 13011101

Grade Level(s): 7, 8

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

Description

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

Foundations of Business Communication and Technologies

Service ID: 13011400

Grade Level(s): 7, 8

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

In Foundations of Business Communication and Technologies, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Interpersonal Studies

Service ID: 13024400

Grade Level(s): 7, 8

Credit(s): 0.5

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services, Principles of Hospitality and Tourism, Principles of Health Science, or Principles of Education and Training

Description

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

Lifetime Nutrition and Wellness

Service ID: 13024500

Grade Level(s): 7, 8

Credit(s): 0.5

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Principles of Human Services, Principles of Hospitality and Tourism, or Principles of Health Science

Description

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

Manufacturing Engineering Technology I

Service ID: 13032900

Grade Level(s): 8

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Algebra I

Description

In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

Manufacturing Engineering Technology I

Service ID: 13032900

Grade Level(s): 8

Credit(s): 1.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): Algebra I

Description

In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

Principles of Manufacturing**Service ID:** 13032200**Grade Level(s):** 7, 8**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or Geometry**Description**

In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Principles of Manufacturing**Service ID:** 13032200**Grade Level(s):** 7, 8**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or Geometry**Description**

In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Principles of Manufacturing**Service ID:** 13032200**Grade Level(s):** 7, 8**Credit(s):** 1.0**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** Algebra I or Geometry**Description**

In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Professional Communications**Service ID:** 13009900**Grade Level(s):** 8**Credit(s):** 0.5**Course Fee:** None**College Credit Hours:** None**Weight:** Regular**Prerequisite(s):** None**Recommended Prerequisite(s):** None**Description**

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

Technology Applications

Technology Applications

Service ID: 00082970

Grade Level(s): 6, 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Technology Applications teaches students creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts. Students will learn the importance of leaving a good digital footprint. They will be introduced to graphic design through Google Drawings, Pixel Art, Paint, Canvas Art App and other programs. Students will build research skills through projects and will create online stores that allow them (with parent permission) to sell the designs they make for products. In addition, skills such as typing and skills with basic programs such as Google Docs, Google Sheets and Google Slides will be taught as the students are encouraged in college and career readiness.

Other Electives

PLEASE NOTE: Not all elective courses listed in this guide are guaranteed to be offered each year. Final availability is determined by student interest, enrollment numbers, and staffing capacity. Courses may be adjusted or removed based on these factors.

Teen Leadership 6

Service ID: 00082990

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Teen Leadership is a semester course that teaches key concepts and skills essential for attaining maximum success. Students learn how to achieve personal goals, and develop a positive attitude and self-concept, along with peer pressure resistance and positive work ethic. Effective communication skills needed in professional and personal settings are taught and practiced throughout the course. Students learn social skills that are necessary to develop healthy personal and professional

relationships and friendships which incorporate support and trust. Teen Leadership students will understand the value of integrity, the need for positive leadership, and will learn how to be proactive leaders.

Robotics 1 MS

Service ID: 00082600

Grade Level(s): 6

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Robotics I is an introductory course that provides students with hands-on experiences in robotics, engineering, and technology. Students explore the fundamentals of robotic systems, including design, construction, programming, testing, and problem-solving. Through individual and team-based projects, students learn how robots are used to solve real-world challenges while developing critical thinking, creativity, collaboration, and communication skills.

Student Aide MS

Service ID: 00085000

Grade Level(s): 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Application and selection process

Recommended Prerequisite(s): None

Description

Student Aides will assist front office and school staff members as confidential and courteous student leaders. Duties will be assigned by front office staff and may include recycling, preparing for events, making announcements, delivering messages to classrooms and general running of errands.

Health MS

Service ID: 03813000

Grade Level(s): 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Middle School Health Course - Semester Only

Hippo Buddy Club

Service ID: 00085000

Grade Level(s): 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Application and selection process

Recommended Prerequisite(s): None

Description

Students learn skills in order to become a peer mentor and support for students with specific needs.

Media Publications

Service ID: 00083000

Grade Level(s): 6, 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

Students learn various aspects of design and production as it relates to yearbook. Students will be responsible for a number of pages and the respective layouts of those pages. This may include collecting and taking photographs, conducting interviews, writing captions and stories, meeting deadlines, and editing pages. Students will also participate in developing other media publications, such as campus newsletters, e-news, and campus announcement productions. Various media experiences and tasks will be included. Class work time may be required outside of the regular school day.

Teen Leadership 7

Service ID: 00082990

Grade Level(s): 7

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): None

Recommended Prerequisite(s): None

Description

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Yearbook Middle School

Service ID: 00083000

Grade Level(s): 6, 7, 8

Credit(s): 0.0

Course Fee: None

College Credit Hours: None

Weight: Regular

Prerequisite(s): Application and selection process

Recommended Prerequisite(s): None

Description

This year-long course offers a mixture of digital design, photography, and journalism. In yearbook class, students report on school activities and news. Yearbook staff members must meet deadlines with complete stories and photographs, sell yearbooks, cover before and after school events, and exhibit creativity in their page designs. Students who are imaginative, self-motivated, and responsible are encouraged to apply.