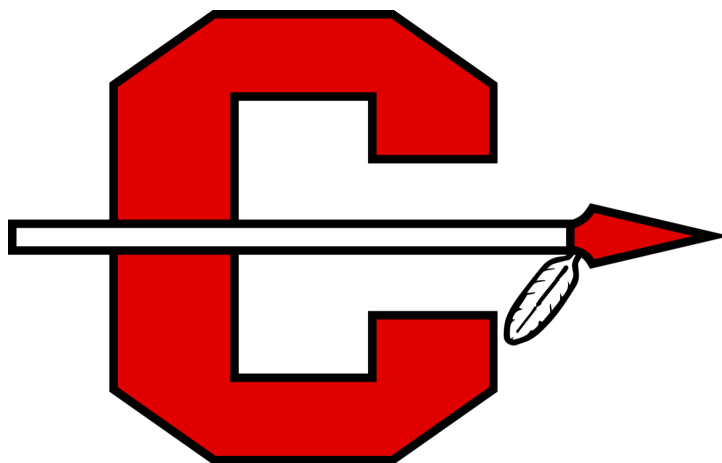


CLEVELAND ISD

2022-2023



**HIGH SCHOOL
COURSE SELECTION
GUIDE**

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Career and Technical Education Methods of Administration

Public Notification of Nondiscrimination in Career and Technical Education Programs

Cleveland Independent School District offers career and technical education programs in Agriculture, Food and Natural Resources, Arts, A/V Technology Communications, Information Technology, Business and Industry, Health Science, Construction, Manufacturing, Law and Public Services, and Hospitality and Tourism. Admission to these programs is based on enrollment in the Cleveland Independent School District and on grade level requirements.

It is the policy of the Cleveland Independent School District not to discriminate on the basis of race, color, natural origin, sex, or handicap in its vocational programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973 as amended.

It is the policy of Cleveland 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; and Section 504 of the Rehabilitation Act of 1973 as amended.

Cleveland 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 and/or the Section 504 Coordinator at 316 E. Dallas Cleveland, TX 77327, 281-592-8717.

Carrera y Educación Técnica Métodos de Administración

Notificación pública de no descifrar Programas de Educación Profesional y Tecnológica
Cleveland Independent School District ofrece programas en Agricultura, Alimentación y Recursos Naturales, Artes, Tecnología A/V Comunicaciones, Negocios e Industria, Ciencias de la Salud, Construcción, Manufactura, Derecho y Servicios Públicos, y Hospitalidad y Turismo. La admisión a estos programas se basa en la inscripción en el Distrito Escolar Independiente de Cleveland y en los requisitos de nivel de grado.

El Distrito Escolar Independiente de Cleveland tiene la política de no discriminar por motivos de raza, color, origen natural, sexo o discapacidad en sus programas, servicios o actividades profesionales, como exige el Título VI de la Ley de Derechos Civiles de 1964, según enmienda : Título IX de las Enmiendas Educativas de 1972: y Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

El Distrito Escolar Independiente de Cleveland tiene la política de no discriminar por motivos de raza, color, origen natural, sexo o discapacidad en sus programas, servicios o actividades profesionales, como exige el Título VI de la Ley de Derechos Civiles de 1964, según enmienda : Título IX de las Enmiendas Educativas de 1972: y Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

El distrito de la Escuela Independiente de Cleveland tomará 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 obtener más información sobre sus derechos o procedimientos de quejas, comuníquese con el Coordinador del Título IX y / o el Coordinador de la Sección 504 en 316 E. Dallas Cleveland, Tx 77327, 281-592-8717.



*clevelandisd.org**316 East Dallas Street, Cleveland, TX 77327**281-592-8717*

CHS Indian Community,

Welcome to Cleveland High School, home of the INDIANS! At Cleveland High School we are striving to become a center of excellence, a place where all children can learn and become successful members of society. Academic excellence and achievements taking place at CHS are a result of the support from parents, community members, school board members, staff, and students. CHS Indians are dedicated to learning and focused on achievement, qualities that will allow them to broaden their knowledge base and enhance their academic success.

Students at Cleveland High School are offered the ability to enroll in numerous AP courses, Honors courses, Dual Credit courses, CTE courses, as well as a variety of foundation curriculum courses. The goal at Cleveland High School is to challenge our students to excel to the best of their ability. That, along with a highly trained and motivated staff of teachers and administrators, will place Cleveland High School at the forefront of public high schools in Texas.

I am truly honored to serve as the principal of Cleveland High School and look forward to another successful year with the CHS Indians!

Sincerely,
Dr. Kristy Dietrich
Principal



*clevelandisd.org**316 East Dallas Street, Cleveland, TX 77327**281-592-8717*

CHS Indian Community,

Bienvenido a Cleveland High School, hogar de los indios! En Cleveland High School, nos estamos esforzando por ser el centro de excelencia, un lugar donde todos los niños pueden aprender y tener éxito los miembros de la sociedad. Excelencia académica y logros tomando lugar en CHS son el resultado del apoyo de los padres, miembros de la comunidad, miembros de la junta escolar, personal y estudiantes. CHS está dedicado al aprendizaje y centrado en el logro, cualidades que les permitirán ampliar sus conocimientos y mejorar su éxito académico.

Los estudiantes de high school de Cleveland se les ofrece la posibilidad de matricularse en los cursos de AP numerosas, Honors cursos, cursos de doble crédito, cursos de ciencias de la salud, CTE cursos, así como una variedad de cursos curriculares de la fundación. El objetivo en Cleveland High School es desafiar a nuestros estudiantes a Excel al mejor de su habilidad. Que, junto con un personal altamente cualificado y motivado de docentes y administradores, colocará Cleveland High School en la vanguardia de las escuelas públicas en Texas.

Me siento verdaderamente honrado de servir como principal de Cleveland High School y esperamos otro año de éxitos con los estudiantes de Cleveland HS!

Sinceramente,
Dr. Kristy Dietrich
Principal

CLEVELAND HIGH SCHOOL COUNSELING OFFICE

Parents and Students,

The information in this booklet is intended to provide you and your child with information concerning Texas graduation requirements as well as Cleveland High School's curriculum and course descriptions. It covers academic policies and procedures for the 2022 - 2023 school year.

In addition to the comprehensive information in this booklet, the counselors at Cleveland High School will make every effort to provide students and parents with information concerning high school graduation requirements, career choices, post-secondary education, universities, technical schools, military service, and financial aid. Parent orientations and workshops are provided for college admissions, financial aid, high school graduation requirements, and registration. It is ultimately the responsibility of the student, with the assistance of their parents, to become familiar with the high school graduation programs, select the program that best meets their post-secondary goals, and work toward those related requirements.

We are pleased to assist your family with questions or concerns you may have during your high school years. Please contact the Counseling Office at any time (281) 592-8752.

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GENERAL REGISTRATION INFORMATION

Cleveland High School operates on a semester system. One year's work will provide campus credit in each course for a maximum total of seven credits per school year. Additional credits may be earned in summer school, credit-by-exam, or college courses taken for dual credit.

NEW STUDENTS

A high school student new to the district should report to the registrar's office with the following documentation:

1. Birth Certificate for student.
2. Immunization records
3. Parents should provide copies of academic documents from previous years beginning with 7th grade. (High school credit toward graduation may be earned beginning in 7th grade for certain courses).
4. A copy of the student's STAAR Confidential Student Report for the most recent test administration (students enrolling from another Texas school)
5. Social Security number.
6. Proof of Residency in the district (lease agreement, homeownership, etc.)

A validated document of immunization, which has been issued by a public health clinic or one signed by a licensed physician, or records from the child's previous school, and must include the following:

Polio	3 doses if last dose is on or after 4th birthday OR 4 doses if 3rd dose is prior to 4th birthday
DTP/DtaP	Children 7 years of age and older – 3 doses Last dose must be after 4th birthday, booster every 5 years
TDAP booster	1 dose for 7th -12th graders, booster needed every 5 years
MMR	2 dose; 1st dose on or after 1st birthday (Measles, Mumps, Rubella)
Hepatitis B	3 doses
Varicella	1 dose or parent statement of Chicken Pox illness OR 2 doses if 1st was given at/after 13 OR 2 doses for 7 th -12 th graders
Meningococcal	1 dose for 7th – 12th graders

Proof of DT booster and/or second measles vaccine must be presented to the school nurse at the beginning of the semester in which they are due. Parents and students will be notified when vaccines are due.

RETURNING STUDENTS

Students who have already registered, but must have a schedule change due to any situation listed below, must call the school office no later than August 1 to make an appointment to discuss change due to:

- Attendance in Summer School
- Completion of Summer Dual Credit Course
- Failure to complete the prerequisites for a new course.

COURSE REGISTRATION

During the spring, students register for the next school year and are given the opportunity to indicate their choice of courses. Schedules are then prepared based on each student's course requests.

All students, 9th - 12th, are required to register for seven periods. Students may register for work-based learning in their 12th-grade year through the Career Preparation Course.

PROCEDURES & TIMELINE

Registration orientation for each grade level and an evening meeting for the parents will be held in the spring. This includes advising and access to the course catalog and course selection forms. Counselors will meet with students to complete the registration process.

Students will receive their official schedule on the first day of each semester. Students must present this official schedule to each instructor the first time they enter each class. If you lose your schedule, a copy can be obtained in the Counseling Center.

CLASS SCHEDULE CHANGES

Principals select and hire teachers and create the master schedule based on the courses requested by students. After selecting the required courses, students should choose electives and alternates carefully. Schedules are determined by course selections; therefore, schedule changes will only be made if:

- Senior is not enrolled in a class REQUIRED for graduation
- Student scheduled for a class for which he/she already has credit
- Student is scheduled into a class for which the student does not have a prerequisite
- Student is not enrolled in an application/audition course for which they were approved
- Student needs to add a course to be a full-time student/has an incomplete schedule
- Student is cut from any extracurricular program (WITHIN THE CUT DEADLINE)
- ARD/504/LPAC committee decision
- Students may request a schedule change from an Honors/AP class(s) under the following two conditions:
 1. A grade of "74" or below for the 1st nine weeks
 2. At the conclusion of the 1st semester

Both of the above scenarios require parent/guardian permission and the availability of an on-level equivalent course. Check course descriptions for further clarification on which courses do not qualify for schedule changes. Grade points are awarded for courses at semester. If a student moves at the end of the 1st nine weeks grading period, the grade transfers to the level class and to a level grade. If a student moves at the end of the semester, the semester grade will receive the advanced grade points.

The following requests will not be approved:

- Requests for a teacher change
- Requests for a lunch change
- Requests to add/drop a course after the drop deadline
- Requests to drop an advanced/AP course after the drop deadline
- Requests for a period change

Once a student is approved for a course that requires teacher/coach permission, that student may only be removed if they have teacher/coach/principal approval stating they can no longer remain in the course.

STUDENT CLASSIFICATIONS

Freshman – Less than 6 credits

Sophomore – Minimum of 6 credits

Junior – Minimum of 12 credits

Senior – Minimum of 19 credits

Students will be classified according to their year in high school as long as they meet the above credit criteria. Grade level reclassifications occur after each academic semester (Fall and Spring).

LEVELS OF INSTRUCTION

There are three levels of instruction at the high school campus: Advanced Placement, Honors, and Average. The Accelerated level includes Dual Credit (DC) and Honors/GT. Any student identified as Gifted and Talented according to records will be serviced through the Honor and Advanced Placement program. GT students will automatically be enrolled in the Honors or AP courses equivalent to the Average course.

The Honors/GT, AP, and Dual Credit courses are required to cover the content of the Average courses with sufficient enrichment materials and differentiation strategies to adequately challenge the above-average student. A student placed in an accelerated (Honors/GT or Dual Credit) or AP course is enrolled because of exceptional achievement in a particular area as indicated by test records, GT indicator, high motivation, teacher recommendation, grade achievement, and/or interest.

Instruction for Honors/AP courses must provide students with a modified or adjusted curriculum either in content, process, product, and/or learning environment in ways that build on or extend the special characteristics of gifted students. The standards in which the curriculum must be modified needs to be matched to the rigor and pacing of the Texas State Performance Standards Projects. All Honors/AP teachers will receive training in instruction of Gifted and Talented students by completing the required 30 hours of GT training and a yearly 6 hour update.

The Average courses provide the subject content that is required for the average student and are college preparatory courses.

Levels of instruction should be chosen carefully with the advice of teachers and school counselors. A student who has been in average courses may find it difficult to do the work required of them in an accelerated course. Level changes will be made in accordance with the Honors/AP contract.

ACADEMIC ACHIEVEMENT CLASS RANKING

CALCULATION	The District shall include in the calculation of class rank grades earned in all high school credit courses taken in grades 9-12, unless excluded below.
EXCLUSIONS	The calculation of class rank shall exclude grades earned in an assigned remediation or tutoring course or a local credit course.
WEIGHTED GRADE SYSTEM & CATEGORIES	The District shall categorize and weight courses such as Advanced Placement, Dual Credit, Honors and Average in accordance with the provisions of this policy.
WEIGHTED GRADE POINT AVERAGE	The District shall convert semester grade points and shall calculate a weighted GPA in accordance with the following chart:

*Contingent upon School Board approval of EIC (Local).

Grade	AP/Dual Credit	Honors	Average	Modified
100	6.0	5.0	4.0	3.0
90	5.0	4.0	3.0	2.0
80	4.0	3.0	2.0	1.0
70	3.0	2.0	1.0	.05

TRANSFERRED GRADES	When a student transfers grades for properly documented courses, Cleveland ISD shall assign weight to those grades based on the locally approved category and grade weight system.
LOCAL GRADUATION	For the purpose of determining Honors to be conferred during graduation activities, the District shall calculate class rank at the end of the 27 th week or the end of the third nine-week grading period of the senior year.

For the purpose of applications to institutions of higher education, Cleveland ISD shall also calculate class ranking as required by state law. The District's eligibility criteria for local graduation Honors shall apply only for local recognitions and shall not restrict class ranking for the purpose of automatic admission under state law.

VALEDICTORIAN & SALUTATORIAN The Valedictorian and Salutatorian shall be eligible students with the highest and second-highest ranking, respectively. To be eligible for such recognition, a student must:

- a. Have been continuously enrolled in the District high school for the two complete school years immediately preceding graduation; and
- b. Be graduating after exactly eight semesters of enrollment in high school.

BREAKING TIES In case of a tie in weighted GPAs after calculation to the thousandths place, the District shall recognize all students involved in the tie as sharing the honor and title.

TESTING REQUIREMENTS FOR HIGH SCHOOL GRADUATION

Beginning with the class of 2015 (ninth-graders entering high school in the fall of 2011 and beyond), state law requires that students pass five STAAR end-of-course (EOC) assessments, along with meeting their course requirements, to receive a diploma from a Texas public high school. Courses with an EOC assessment are listed in the chart below.

ENGLISH	MATHEMATICS	SCIENCE	SOCIAL STUDIES
English I	Algebra I	Biology	US History
English II			

The STAAR testing program requires that students take the five EOC assessments during the school year in which they are enrolled in the courses. Students who are taking any of these five high school courses in middle school will also take the required EOC assessment. Students may not retake an EOC assessment that they have passed. EOC assessment scores are not included in students' course grades.

Additionally, students must meet the requirements of House Bill 4545, which requires accelerated instruction and establishment of an Accelerated Learning Committee for students who did not pass STAAR or EOC assessments. The district offers opportunities for accelerated instruction during the school day, after school, and through summer school programs.

GRADUATION REQUIREMENTS

(Students who entered high school 2014-2015 or after)

The Texas Legislature has created one graduation plan called the “Foundation High School Program” (FHSP). In addition to the FHSP, students will have the opportunity to earn endorsement and performance acknowledgments. Specific course descriptions are available in the “Course Listing/Descriptions”.

Foundation High School Plan with Distinguished Level of Achievement		Foundation High School Plan with Endorsements		Foundation High School Program	
Credits Needed	Courses	Credits Needed	Courses	Credits Needed	Courses
4	English	4	English	4	English
4	Math	4	Math	3	Math
4	Science	4	Science	3	Science
4	Social Studies	3	Social Studies	3	Social Studies
2	Foreign Languages	2	Foreign Languages	2	Foreign Languages
1	Fine Arts	1	Fine Arts	1	Fine Arts
1	Physical Education	1	Physical Education	1	Physical Education
6	Electives (Credit requirements specific to at least one endorsement)	7	Electives (Credit requirements specific to at least one endorsement)	5	Electives
26	Total Required Credits	26	Total Required Credits	22	Total Required Credits

CLEVELAND HIGH SCHOOL CTE PROGRAMS OF STUDY
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Agriculture, Food, & Natural Resources		Health Science
Animal Science		Health Informatics
Applied Agricultural Engineering		Healthcare Diagnostics
Environmental and Natural Resources		Medical Therapy
Plant Science		Nursing Science
Architecture & Construction		Hospitality & Tourism
Architectural Design		Culinary Arts
Carpentry		Travel, Tourism, and Attractions
Arts, Audio/Visual Technology and Communications		Information Technology
Design & Multimedia Arts		Information Technology Support and Services
Digital Communications		Networking Systems
Business Marketing & Finance		Law & Public Service
Accounting & Financial Services		Law Enforcement
Business Management		Manufacturing
Marketing & Sales		Adv. Manufacturing and Machinery Mechanics
Education & Training		Welding
Teaching & Training		Science, Technology, Engineering, & Math
Human Services		Engineering
Cosmetology		Cybersecurity
		Transportation, Distribution & Logistics Drone (Unmanned Flight)

Cleveland High School Academic Course Guide

Students are required to graduate with at least 26 credits.

Foundation Requirements + Endorsement Pathway

English (4 credits)

- English I
- English II
- English III, Dual Credit 1301/1302/Advanced Placement English Language
- English IV, Dual Credit 1301/1302/2322/2323/Advanced Placement English Literature

Math (3 credits + 1 for Endorsement)

- 1st: Algebra I
- 2nd: Geometry
- 3rd: Algebra II
- 4th: (select one or more)
 - Algebraic Reasoning
 - Pre-Calculus
 - College Preparatory Math
 - Dual Credit College Algebra/ Advanced Placement Algebra
 - Dual Credit Calculus/ Advanced Placement Calculus AB
 - Dual Credit Statistics / Advanced Placement Statistics
 - Financial Mathematics

Science (3 credits + 1 for Endorsement)

- 1st: IPC
- 2nd: Biology
- 3rd and 4th credit options:
 - Chemistry
 - Physics
 - Earth & Space Science
 - Animal Science (CTE)
 - Anatomy & Physiology (CTE)
 - Food Science (CTE)
 - Forensic Science
 - Aquatic Science
 - Environmental Science
 - Dual Credit Biology/Advanced Placement Biology
 - Dual Credit Chemistry/Advanced Placement Chemistry
 - Advanced Placement Physics

Social Studies (3 credits)

- World Geography
- World History/Advanced Placement World History/Dual Credit World History
- US History/Dual Credit US History
- Government/Economics, AP Government/AP Economics, Dual Credit Government/Dual Credit Economics

LOTE (Languages Other Than English- 2 credits of the same language)

- Spanish I
- Spanish II

PE (1 credit)

- Athletics
- Foundations of Personal Fitness
- Aerobics Activities
- Team Sports
- Outdoor Adventure
- Dance Team (1 credit only)
- Marching Band (1 credit only)
- Cheer (1 credit only)
- JROTC (4 credits max)

Fine Arts (1 credit)

- Art
- Band
- Choir
- Dance
- Floral Design (CTE)
- Theatre

Electives (7 credits to include courses for the Endorsement Pathway)

PERFORMANCE ACKNOWLEDGEMENTS (2018 AND AFTER GRADUATES)

A student may earn a performance acknowledgment on their diploma and transcript for outstanding performance in the following ways:

College Credit: In a dual credit course by successfully completing at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or by earning an associate degree while in high school.

Bilingualism / Biliteracy: By demonstrating proficiency in two or more languages by completing all English language arts requirements and maintaining a minimum GPA of the equivalent of 80 on a scale of 100; and satisfying one of the following:

- Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
- Demonstrated proficiency in the TEKS for level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
- Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
- Demonstrated proficiency in one or more languages other than English by scoring a 3 or higher on an Advanced Placement exam for a language other than English.

Note: In addition to meeting the requirements above, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have participated in and met the exit criteria for a bilingual or ESL program and scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

AP Test: By earning a score of three or higher on a College Board advanced placement examination.

PSAT Test: By receiving a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation.

SAT Test: By receiving a combined critical reading and mathematics score of at least 1250 on the SAT

ACT Test: By receiving a composite score on the ACT exam (without writing) of 28.

Certification/License: For earning a nationally or internationally recognized business or industry certification or license with performance on an examination sufficient to obtain a nationally or internationally recognized business or industry certification or performance on an examination sufficient to obtain a government-required credential to practice a profession.

DISTINGUISHED LEVEL OF ACHIEVEMENT

Why it matters - Benefits

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

- Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university;
- Position you among those first in line for a TEXAS Grant to help pay for university tuition and fees; and
- Ensure you are a more competitive applicant at the most selective colleges and universities.

What it means

The Distinguished Level of Achievement requires more math and more science than the Foundation High School Program. The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

Advantages

- Opportunity to earn an endorsement in an area of interest
- More college and university options
- More financial aid options
- Better preparation for college-level coursework at community/technical colleges and universities
- Opportunity for immediate enrollment in classes related to your chosen field of study
- Strong foundation to successfully complete an industry workforce credential or college degree

ADVANCED PLACEMENT VERSUS DUAL CREDIT

IDENTIFYING THE DIFFERENCES

Classes taken for college credit have a higher standard of expectation which will impact mastery level and assignments.

	ADVANCED PLACEMENT (AP)	DUAL CREDIT
Description	The AP program allows students to take College-Level courses and exams, and to earn college credit or placement while still in High School	Dual Credit allows students to earn both high school and college credit by completing courses at their High School and/or college campus
Credit	College credit is given when students pass the AP Exam. Students seeking credit through their AP grades should note that individual colleges, not the college board or the AP Program, grant course credit and placement	Credit is awarded when the student passes the course. If there is a corresponding exam, students will be encouraged to take the Advanced Placement exam
Teacher/Instructors	Taught by specially trained high school teachers.	Taught by college instructors and/or high school teachers who serve as adjunct professors
College/University Acceptance	Accepted at most colleges throughout the nation	Accepted at most public colleges in Texas
Location	AP courses are taught on the high school campus	Dual Credit can be taught at the high school, or college (in-person or online)
Eligibility	Open to any student who meets AP criteria as outlined in the course selection guide	Must be currently attending high school Must have a college placement score on the TSI, or earn exemptions with STAAR, SAT, ACT Parent and counselor approval
Cost	<p>The high school will pay the cost of the AP exams</p> <p>Students are responsible to repay the district if they register for the exam and fail to take it</p> <p>Textbooks are provided by the school</p>	<p>The high school will pay all fees for courses offered at the high school campus</p> <p>Students are responsible to repay the district if they fail or drop the course</p> <p>Students pay for textbooks if the course is dropped</p>

ADVANCED PLACEMENT (AP) COURSES

The Advanced Placement (AP) Program is a program of college-level courses and exams for secondary students provided on the high school campus. The Advanced Placement Program is administered by the College Board and is a national program. For students who are willing and able to apply themselves to college-level studies while in high school, the program enriches both the secondary and post-secondary educational experience. It also provides the means for colleges to grant credit, placement or both to students who have attained a high level of mastery on an AP Exam. Colleges may award credit based on the score of the AP Exam. Approximately 2,200 colleges receive these grades and use them as the basis for granting credit and/or placement to entering students whose scores meet their requirements.

CHS offers Advanced Placement courses in:

- | | | |
|-------------|----------------------|----------------------|
| • Biology | • English Language | • Spanish Language |
| • Calculus | • English Literature | • Spanish Literature |
| • Chemistry | • Government | • Statistics |
| • Economics | • Physics | • World History |

HONORS COURSE & ADVANCED PLACEMENT (AP) CRITERIA

The CHS Honors and Advanced Placement courses offer special opportunities for motivated students to pursue academic work that challenges their interests and abilities. These courses offer an environment designed to encourage higher-level academic achievement. The student must have mastered the most recent state assessments taken to be eligible for these classes. An Honors/AP Student/Parent Contract must be submitted along with the course registration form.

Successful students are task-oriented, proficient readers, able to prioritize their time, and have parental support. A grade of 65 or above in an AP class can meet UIL eligibility standards one time per year with a waiver form completed and principal approval. However, a grade of 65-69 is not considered a passing grade in regard to satisfactory progress. (See course exemption list for qualifying courses).

Students may exit an Honors/AP course with parent approval and teacher grade verification at the end of the 1st nine weeks of the first semester if they have an average below 75 or they may exit at the end of the first semester.

When a student transfers from an Honors/AP course, the grades for that student will transfer to the course in which the student enters. If a student moves at the end of the 1st nine weeks grading period, the grade transfers to the level class and to a level grade. If a student moves at the end of the semester, the semester grade will receive the advanced grade points.

DUAL CREDIT COURSES

Dual Credit allows a student to earn high school credit while completing a college course. Dual credit is part of the Lone Star College System's (LSCS) exceptional admissions program, designed specifically for high school students for college-level instruction.

Students who demonstrate college readiness on a placement exam can earn college and high school credits simultaneously by attending classes at their high school or a Lone Star College. Many of the classes are transferable to public colleges or universities in Texas, and some are accepted by out-of-state and private colleges.

CHS offers Academic Dual Credit courses to complete the following degree requirements:

Associate of Arts	Associate of Science
Communication (6 Credits) Mathematics (3 Credits) Life & Physical Sciences (8 Credits) Creative Arts (3 Credits) Language, Philosophy, & Culture (3 Credits) History (6 Credits) Government (6 Credits) Social/Behavioral Sciences (3 Credits) Component Area Option (4 Credits) Electives (18 Credits)	Communication (6 Credits) Mathematics (3 Credits) Life & Physical Sciences (16 Credits) Creative Arts (3 Credits) Language, Philosophy, & Culture (3 Credits) History (6 Credits) Government (6 Credits) Social/Behavioral Sciences (3 Credits) Component Area Option (4 Credits) Electives (7 Credits)
For more information regarding Associate of Arts Degree: http://www.lonestar.edu/aa-requirements.htm	For more information regarding Associate of Science Degree: http://www.lonestar.edu/as-requirements.htm

Dual Credit courses offered at Cleveland High School for the 2022-2023 school year:

- Algebra
- Biology
- Chemistry
- Calculus
- Economics
- English III
- English IV
- Music Appreciation
- Psychology
- Spanish
- Sociology
- Statistics
- Speech/Professional Communication
- US Government
- US History

Workforce Dual Credit is designed to allow high school students to enroll in LSCS credit workforce programs and receive high school credit for career and technical classes. Students who participate in these classes/programs will graduate with career skills and in many cases, a certification approving them for employment in their industry. Please check with your local college campus to see whether or not you can take advantage of this opportunity. Cleveland ISD offers the following course for this program:

- Audio Video Production II: ARTV 1351 & ARTC 1302

Dual credit courses are college-level academic or technical courses taken by high school students for which they receive high school credit and college credit concurrently. Courses are open to students in grades 9-12 who are in good academic standing and meet the dual credit eligibility requirements:

- The CISD Board of Trustees shall approve courses for which high school credit shall be granted.
- Specific requirements will be provided by the high school dual credit coordinator.
- Grades are awarded in the same manner as those awarded to college students who take the same course.
- CHS students successfully completing a dual credit course will receive weighted GPA points.
- A college or university awards credit for a dual credit course immediately after successful completion of the course.

Dual credit courses may be offered in one of the following ways:

- The course may be taught on a high school campus by a college instructor.
- The course may be taught on a high school campus by a qualified high school teacher
- Online refers to a course that is delivered 100% via web-based instruction.

DUAL CREDIT ELIGIBILITY REQUIREMENTS:

- The student has a current admissions application on file with LSCS and has completed the pre-assessment activity.
- The student has an exceptional admission form with approvals from their high school administrator, college designee, and parent/guardian.
- The student has taken an approved assessment
 - TSI (reading, writing, and/or math relevant to the courses being taken) or
 - Exempt scores based on ACT or SAT. For dual credit students who do not have exemption scores in all sections of the SAT and/or ACT, additional assessment will be required
- Students shall notify the dual credit coordinator if there is a change in their status at the college/university.
- Credit shall not be awarded without the official presentation of the college transcript or grade report to the dual credit coordinator within five school days of the grades being posted.
- Dual credit classes are exempt from UIL regulations for grades one time per year with a waiver form completed and principal approval.
- If a student earns a D or below, the student will be dropped from the program and may no longer take dual credit courses.
- There is no guarantee of credits being transferred to other colleges or universities.

*Concurrent Credit – Juniors or seniors who meet entrance requirements of a college/university and who have approval from the CHS dual credit coordinator may take other classes at a college or university that will count for college credit but not for high school credit.

DUAL CREDIT HANDBOOK

PURPOSE

Cleveland ISD embraces and supports the “College for All” concept, which enables high school students to earn college credits prior to their high school graduation. Dual enrollment courses are college-level courses taken by high school students to receive high school credit and college credit. Students may earn dual credit for classes approved by the Board of Trustees in agreement with Lone Star College-Kingwood Campus.

While enrolled in the Dual Credit program, the student is considered an adult Lone Star College student. Lone Star College instructors are unable to discuss student information with anyone other than the student due to privacy laws. We know that each parent wants the best for their students. Nevertheless, we must ask that every parent support Lone Star College’s procedures and policies. Please contact Lone Star for these guidelines.

ADMISSIONS

The Texas Success Initiative (TSI) is a state-mandated program that applies to all students enrolling at Lone Star College as a first-year college student. EVERY student is required to take the TSI assessment to demonstrate college readiness. This placement test is designed to help counselors and advisors assist students in choosing the right classes to meet educational requirements and goals. The students shall be responsible for meeting all college requirements. Students must complete the admissions application process and have TSI scores to the CHS dual credit coordinator before the beginning of the school year. Cleveland High School provides students an opportunity to take the TSI assessment at no cost to the student.

TSI College-Readiness Cut Scores

- Mathematics: minimum score of 950
- English: minimum score of 945
- Writing: score of 5 in the essay portion. You can also place in a college course if you receive a 4 on the essay portion and a Diagnostic 5

* TSI scores will be updated as mandated by legislation.

BEHAVIOR

Dual credit students are expected to maintain the highest standard of personal conduct. Student conduct and behavior are governed by the College Student Handbook while taking dual credit courses. If a student is transferred to DAEP, the student may be dropped from the college class.

WITHDRAWAL/DROP-STUDENT RESPONSIBILITY

If a student is withdrawn for any reason or fails to drop a dual credit class by the given course drop deadline, the student must reimburse CISD the cost of tuition and books including online access fees expended by the district. Students must notify the CHS counseling center in the event they are removed from a class or decide to drop a class.

COLLEGE ATTENDANCE POLICY

The College instructor may drop a student after three or more consecutive absences or four or more cumulative absences in a semester

1. It is the responsibility of the student to attend all classes and a record of attendance will be kept for all classes by the instructor.
2. It is the responsibility of the student to withdraw officially in the College Records Office from a class the student no longer desires to attend. Failure to do so may result in a failing grade.
3. College instructional standards allow the instructor to set the educational objectives and requirements for each course. The student who does not meet these requirements because of excessive absences may be dropped by the instructor on notice to the College Records Office.
4. Excessive absences are defined as three or more consecutive absences or four or more cumulative absences. Absences in online courses are based on an equivalent participation formula.
5. Students will not be dropped and will be allowed to make up work for absences because of college-authorized and sponsored activities. It is the student's responsibility to arrange for make-up work with the instructor and to complete it within a reasonable time.
6. A student dropped because of excessive absences will be notified by mail by the College Records Office and will be directed to seek the approval of the instructor to be reinstated.
7. A student who fails to contact the College Records Office within one week of the date the notice was mailed will be dropped permanently from the class.
8. All make-up work is at the discretion of the instructor and is defined in the course syllabus.

Students participating in extra-curricular activities must provide written notification of any school-related absences to the instructor one week prior to the scheduled absence. School-related absences are absences due to the student representing CHS in competition or another school-related event approved by the CHS principal.

GPA - Dual credit courses are a part of the student's high school class record and schedule. For the graduating class of 2018 and beyond, ALL dual credit courses taken will be included in the calculation of a student's overall weighted GPA. Numeric grades with an alpha correlation of a D or better will be recorded on the CISD academic record as the actual numeric grade following the chart shown in the CHS Course Catalog. A dual credit class receiving an "F" will be denoted as "F" on the CISD transcript and no weighted grade points will be awarded.

UIL Eligibility

A grade of 65 or above in an AP/Dual Credit class can meet UIL eligibility standards one time per year with a waiver form completed and principal approval. However, a grade of 65-69 is not considered a passing grade in regard to satisfactory progress. Please see courses eligible for exemption on pages 28-29 of the Course Selection Guide.

ALTERNATE WAYS TO EARN CREDIT

CORRESPONDENCE COURSES

A student may apply for no more than five credits (10 semesters) from courses taken by correspondence to the required graduation requirements. The course must be taken through an extension program approved by the state, and the student must have counselor or administrator approval before registering for a course. Students and parents are responsible for all fees. Student and parent must sign an agreement contract. Grade points will be awarded.

State-required credits for graduation may be earned through correspondence courses for resident students. Courses must be taken from the University of Texas Extension Division or the Extension Division of Texas Tech University. The student is responsible for fees and books required for correspondence courses.

Correspondence Courses for Initial Credit: Information for correspondence courses is available through the Counseling Center.

Correspondence Courses for Retrieval of Credit: Information for correspondence courses for retrieval of credit is available through the Counseling Center.

Correspondence grades must be received by May 15th if the grades are necessary for graduation. Students will not be allowed to use these grades for purposes of participating in the graduation exercise after this date.

CREDIT RECOVERY

Credit recovery is a computer-based instructional program through which students work individually in order to regain credit. Students must have approval from the counselor to enroll.

CREDIT BY EXAM

Exams for credit in high school subjects are administered four times throughout the year. A student can have no prior formal instruction in the course being tested and must score an 80 or better on the exam to receive credit. Students entering high school in 2011-2012 and thereafter, must also meet state assessment requirements. The test grade and credit will be recorded on the transcript. The school pays the fees for these exams; however, a refundable deposit must be paid when the student registers for the exam. Grade points will be awarded for credit earned. High school courses that require EOC are currently not available for CBE without prior instruction.

CREDIT RECOVERY EXAM

A student who has previously taken a course and failed with at least a 60 may, pending TEA state assessment requirements, be permitted to earn credit for the failed course by taking a credit recovery exam. A student with excessive absences can only take a credit recovery exam with approval from the Attendance Review Committee. A student must score at least a 70 on the exam to receive credit; the grade will be recorded on the transcript. No grade points are awarded. CRE cannot be used to regain eligibility in extra-curricular activities. The student is responsible for the exam fees and paperwork. Check with a counselor for eligibility. Students required to take the STAAR EOC may not qualify for CRE.

SUMMER SCHOOL

Summer school is available for credit acceleration and recovery. Summer school occurs at the high school. Check with the school counselor for course eligibility. Some courses may require prior approval. Information is usually available in April. Grade points will be awarded for initial credit.

FOR ACCELERATION

The State Board of Education (SBOE) provides that school districts offer students the opportunity to pass certain courses through credit by examination. The high school credit by examination for acceleration program is for a highly capable student who feels he or she already possesses the knowledge and skills taught in an academic subject and who has not previously received instruction in that subject. See the counselor for specific information about courses and requirements.

Performance Criteria for Acceleration: To receive credit for the course, the student must score an 80 percent or higher on the district's designated criterion-referenced test covering the requirements in Chapters 74 and 75 of the Texas Administrative Code and District objectives of the course.

Granting and Recording Credit: Test scores will be posted to the Academic Achievement Record (transcript) and credit will be awarded for grades of 80 or higher. No advanced course designations will be given.

FOR RETRIEVAL

Eligible students have the opportunity to earn credit in courses for which they have had prior instruction through credit by examination. See the counselor for specific information about courses and requirements. The high school credit by examination for retrieval program is one method to recover credits for students who have failed courses. Other methods for the student include summer school, correspondence courses, or retaking the course during the regular school year.

Performance Criteria for Retrieval: To receive credit for the course, the student must score 70 percent or higher on the district's designated criterion-referenced test covering the requirements in Chapters 74 and 75 of the Texas Administrative Code and District objectives of the course.

Granting and Recording Credit: Test scores will be posted to the Academic Achievement Record (transcript) and credit will be awarded for grades of 70 or higher. No advanced course designations will be given.

JUNIOR HIGH

High school courses taken in junior high school will earn credit toward the credits required for graduation. Students taking Algebra I in 8th grade will receive a high school math credit, however, students are still expected to complete four credits of mathematics while at Cleveland High School.

DUAL CREDIT

Students may be granted concurrent or dual credit for an approved college course(s) taken through approved institutions to fulfill credit requirements for high school graduation. Pre-approval from the high school principal is required before a student will be allowed to take an off-campus college course.

ELIGIBILITY FOR INTERSCHOLASTIC COMPETITION

Students in grades 7 through 12 may participate in extracurricular activities on-campus or off-campus at the beginning of the school year only if they have earned the cumulative number of credits in state-approved courses as indicated below, with the exception of special education students whose status is defined by the IEP committee and their own IEP's.

1. Beginning in 7th grade and continuing through 8th and 9th grade: must have been promoted from previous grade, not placed.
2. Beginning the second year of high school (Grades 9 through 12): must have earned five (5) state credits.
3. Beginning in the third year of high school: must have earned ten (10) state credits or must have earned five (5) state credits during the preceding 12 months.
4. Beginning in the fourth year of high school: must have earned 15 state credits or must have earned five (5) state credits during the preceding 12 months.

Credits earned in summer school or correspondence may be used to determine eligibility.

A student who fails a level course with a grade lower than 70, becomes ineligible seven (7) days after the last day of the grading period during which the grade lower than 70 was earned. A grade of 65 or above in an AP/DC class meets UIL eligibility standards one time per year with a waiver form completed and principal approval. (See course list below). However, a grade of 65-69 is not considered a passing grade regarding satisfactory progress. Students may regain eligibility if the student is passing all classes at the three-week grade check.

Students who assist the sponsor or coach, such as student manager, must meet all academic eligibility requirements even though they do not participate in the performance or contest.

A student receiving a course grade of "I" (Incomplete, pending completion of required work) is considered ineligible until the "I" is replaced with a passing grade for that grading period.

AWARD OF CREDIT

In addition to course offerings provided at Cleveland High School, the district provides other options for earning high school credits. Credits earned through credit by examination, correspondence courses, summer school, Junior High, and dual credit are included in the GPA and are used for ranking purposes. The replacement grades will be added to the Academic Achievement Record (Transcript) in addition to the original grade. The following information should be helpful to students and parents who wish to consider these options.

CREDIT BY EXAMINATION

All registration must be completed and submitted to the counselor's office at least 30 days prior to the published testing dates.

Some additional dates will be provided during each semester to accommodate testing of new students.

Procedures: In order to receive credit in a course, a student shall:

- Obtain information from the counselor.
- Complete the application with parent approval, as applicable.
- Receive approval from the campus principal or designee.

COURSES EXEMPTED FROM NO PASS/NO PLAY

Below is a list of advanced courses to be exempt from No Pass/No Play based on CISD and UIL guidelines.

AP Biology	AP Statistics	DC Government
AP Calculus	AP Spanish Language	DC English III
AP Chemistry	AP Spanish Literature	DC English IV
AP Physics	AP World History	DC Sociology
AP English Lang & Composition	DC Algebra	DC Psychology
AP English Lit & Composition	DC US History	DC Texas History

SPECIALIZED PROGRAMS

ENGLISH AS A SECOND LANGUAGE (ESOL/EB)

The ESOL program is an intensive English-language instruction period taught by teachers trained in recognizing and working with language differences. The purpose of ESOL is to develop competence in English using second-language methods and modifications, which help the students be successful in all classes. These courses provide students an opportunity to acquire and/or refine the English language, as determined by their current language abilities. The ESOL program enables Emergent Bilinguals (EB) students to become competent in the comprehension, speaking, reading, and composition of the English language. The program addresses the affective, linguistic, and cognitive needs of the EB students and incorporates the cultural aspects of each student's background and community. The target language is emphasized to prepare the EB student for mastery of STAAR objectives and ensure that the objectives are integrated with the classroom curriculum.

SPECIAL EDUCATION

Students with disabilities whose special needs cannot be met in the regular classroom may be eligible for special education services. Cleveland ISD offers a wide range of instructional options for students with disabilities in programs designed to meet their unique educational needs. These instructional options range from special accommodations for the students within the regular classroom to placement in highly specialized classes.

If a child is experiencing learning difficulties, the parent may contact the home campus or the Director of Special Education to learn about the district's overall general education referral or screening system for support services. This system links students to a variety of support options, including referral for a special education evaluation. Students having difficulty in the regular classroom should be considered for tutorials, compensatory, and other support services which are available to all students.

At any time, a parent is entitled to request an evaluation for special education services. Within a reasonable amount of time, the district must decide if the evaluation is needed. If an evaluation is needed, the parent will be notified and asked to provide consent for the evaluation. The district must give a copy of the report to the parent.

If the district determines the evaluation is not needed, the district will provide the parent with a written notice explaining why the child will not be evaluated. This written notice will include a statement informing the parents of their rights if they disagree with the district. Additionally, the notice must inform the parents how to obtain a copy of the Notice of Procedural Safeguards - Rights of Parents of Students with Disabilities.

The designated person to contact regarding options for a child experiencing learning difficulties or a referral for evaluation for special education is the home campus or the Director of Special Education.

EOC Courses

Students who failed an EOC exam will be considered for placement in a course to help them achieve the necessary skills to succeed on the test. This class is local credit and will replace an elective credit on the student's schedule. A parent or guardian may request a waiver for a student to not participate in this class; however, the waiver must provide documentation of student need and other appropriate information. Please see the child's counselor for further information.

GRADES

To receive credit for a course on the CISD transcript, a student must maintain an average of 70 or above. If a student has less than 70 the first semester but performs above 70 the second semester, the two are averaged for a year-end grade. If the year-end grade results in a 70 or above, a full year's credit may be awarded. If a student earns above 70 the first semester, but earns less than 70 the second semester, resulting in the final grade being below 70, the student must repeat the second-semester course. This applies to all CHS and Dual Credit classes.

GRADE EQUIVALENT AND CONVERSION SCALE

Transfer GPA/Credit Policy:

Cleveland High School accepts all grades and credits (including summer school, credit by exam, or correspondence courses) required for graduation earned at any TEA accredited public K-12 school within Texas. Course work for students transferring from a TEA non-accredited school (including homeschool) will not be accepted for Cleveland High School course credit.

Grades from other schools will be converted to the Cleveland High School District grading scale as stated in the following guidelines. The Texas state scale below will be used when letter grades are given:

- Numerical grades and awards of credit will be accepted from other districts as they are printed on their official transcript. For numerical grades from districts where the passing standard is less than 70, a designation of "P" will be used to award credit. However, grade points will not be assigned. Numerical grades, which are not passing from the sending school will not receive credit or grade points at CISD for those courses.
- If transfer grades from other schools are reported in letter grades or percentages, Cleveland High School will honor the conversion scale printed on the official transcript or provided in writing from an official of the sending school.
- A student transferring into the District from a TEA accredited school will receive the numerical grades earned in courses from that school. Weighted courses will be honored and converted to match our system. Students from other countries will receive Ps for passing in appropriate courses. Letter grades will be converted as follows:

A+ = 100	B+ = 89	C+ = 79	D+ = 74	F = 69 and below
A = 95	B = 85	C = 77	D = 72	
A- = 90	B- = 80	C- = 75	D- = 70	

- If a student's transcript reflects a grading scale different from the circumstances stated above, every effort will be made to convert the grades as closely as possible to the state grading scale.

NATIONAL HONOR SOCIETY

To be eligible for membership the candidate must be a member of the sophomore, junior, or senior class and must have been in attendance at the school the equivalent of one semester. Transfer members are accepted into the chapter upon verification of their membership in another chapter including a letter from their former school stating the member left the chapter in good standing.

Candidates eligible to election to the chapter shall have an unrounded cumulative scholastic average of 92 on all grades reported. Grades shall be averaged from the freshman year through the semester prior to induction, including any correspondence courses, college courses, courses for high school credit acquired before entering high school, or college courses that replace a required high school course.

Additional requirements are:

(A) Sophomores: By the end of two semesters of work, must have taken at least (4) courses listed as Honors or Dual Credit

(B) Juniors: By the end of four semesters of work, must have taken at least six (6) courses listed as Advanced Placement, Honors, or Dual Credit.

(C) Seniors: By the end of six semesters of work, must have taken at least ten (10) courses listed as Advanced Placement, Honors, or Dual Credit.

Levels of courses are defined and described by the counselors and administrators of Cleveland High School and are designated in writing for students.

In addition to scholarship, candidates will be evaluated for their leadership, character, and service by a faculty council, appointed by the principal.

Induction of new members shall take place within the first semester of the school year annually.

CLASS RANKING

Senior Class Rankings: Senior class rankings are released each year in September. Seniors' final rankings will be calculated during the third nine weeks. All three-year graduates will be ranked with the graduating class according to his/her grade point average.

Junior Class Rankings: Junior class rankings are released in October.

Sophomore Class Rankings: Sophomore class rankings are released in November.

HONOR GRADUATES

Valedictorian: The four-year graduate with the highest GPA holds the honor of valedictorian. In order to be eligible for valedictorian, **a student must be in attendance at Cleveland High School for four consecutive semesters of his/her final two school years.**

Salutatorian: The four-year graduate with the second-highest GPA holds the honor of salutatorian. In order to be eligible for salutatorian, **a student must be in attendance at Cleveland High School for four consecutive semesters of his/her final two school years.**

State of Texas Top 10% Graduates: This group of students consists of both three-year and four-year graduates that fall among the top 10% of the graduating class at the time of official rankings. They are eligible for automatic admission to any public university in Texas based upon their sixth semester GPA and ranking. To be eligible for automatic admission, a student must:

- Graduate in the top 10 percent of their class at a public or private high school in Texas; For automatic admission at the University of Texas at Austin, the student must graduate in the top 6% of their class.
- A student must earn distinguished level of achievement to be eligible for top 10% automatic admission.
- Enroll in college no more than two years after graduating from high school; and
- Submit an application to a Texas public university for admission before the institution's application deadline.
- Since deadlines vary, students should check with the specific university to verify the application deadline.

* Higher education institutions may limit the number of first-time freshmen admitted under this policy if the number of first-time freshmen eligible for admission exceeds by more than ten percent the average size of the first-time freshmen classes admitted the previous two years.

CHS Honor Graduates: This group of graduates is determined after the final senior class ranking and released during the fourth nine-weeks. It includes the top 10% of the graduating class consisting of both the three-year and four-year graduates as determined by the State of Texas Top 10% guidelines.

EARLY GRADUATION

Students may graduate early, subject to the following conditions:

1. Students must complete a Declaration of Intent to Graduate Early form, a document signed by the parent and submitted to the counselor no later than the semester before the intended graduation date. The counselor will review the plan, sign it, and forward the plan to the high school registrar.
2. Early graduation options include the following:
 - The June of the third complete year of high school (36 consecutive months)
 - The summer after the third complete year of high school (38 consecutive months)
 - The December of the fourth complete year of high school (43 consecutive months); students choosing this option may participate in the May graduation ceremony.

AWARDING OF DIPLOMA POSTHUMOUSLY (HOUSE BILL 1563)

Cleveland High School will issue a high school diploma posthumously to each student who died while enrolled in the district at grade level 12 on request of the student's parents, provided that the student was academically on track at the time of death to receive a diploma at the end of the school year in which the student died. This includes any summer session following the spring semester. The district will not award a diploma if the deceased student was ever convicted or adjudicated as engaging in conduct constituting a felony offense under Title 5 or 6, of the Texas Penal Code.

TEXAS PUBLIC UNIVERSITY/COLLEGE AUTOMATIC ADMISSION

Students graduating in the top ten percent of the school's graduating class are granted automatic admission into a Texas public four-year university or college for two years following graduation. The University of Texas' automatic admission only includes the top 6%. To qualify for this automatic admission, students must complete one of the following two criteria:

- Complete the FHSP with Endorsement and Performance Acknowledgements or Distinguished Achievement program OR
- Satisfy the ACT College Readiness Benchmarks or earn at least 1600 on the SAT or ACT's College Readiness Benchmarks

College Course of Course Area	Test	Explore 9 th Score	Plan Score	ACT Score
English Composition	English	14	15	18
Social Sciences	Reading	17	18	22
Algebra	Mathematics	18	19	22
Biology	Science*	19	20	23

SAT's College Readiness Benchmarks

Assessment	Reading	Math
SAT	480	530
Grade 11	460	510
Grade 10	430	480
Grade 9	410	450
Grade	390	430

COLLEGE ADMISSION ELIGIBILITY REQUIREMENTS (HOUSE BILL 3826)

The state legislature amended the current admission eligibility requirements for students applying to any general academic teaching institution, including those institutions with open enrollment policies. Effective September 1, 2007, and thereafter, only applicants who have completed the FHSP (Foundation) or Distinguished graduation plans are eligible to apply for college admission. This also applies to students eligible for automatic admission by graduating in the top ten percent of their class.

In addition, this law further states that institutions of higher learning shall admit any applicant who is the child of a public servant killed or having sustained a fatal injury in the line of duty. Applicants need to meet the minimum requirements of the institution.

CERTIFICATE AWARD/ 4-YEAR SPECIAL SERVICE STUDENT (SENATE BILL 673)

Students receiving special education services can opt to participate in the graduation ceremony after their fourth year of high school. A certificate of attendance will be issued instead of a diploma to allow students to participate in commencement exercises with their same-age peer/class cohort. The statute limits student participation to only one graduation ceremony.

COLLEGE ENROLLMENT/FINANCIAL AID/SCHOLARSHIPS

Higher education and technical skills are important for most careers in our highly complex world. Information to aid in planning for post-secondary education, universities, technical schools or military service is available through the MHS College and Career Center. Free information on college preparation for middle and high school students, easy-to-understand descriptions of the different types of student financial aid available, insights to popular careers, plus links to every college website in Texas are available at **www.CollegeforTexas.com**. Student and parent orientations are provided each spring during registration to address high school course selection related to post-secondary education. Students and parents may also contact their high school counselor for further information. Keep up to date by visiting the Montgomery High School website and selecting the “Counselor’s Corner” section.

Some important information to consider when planning secondary (high school) coursework and post-secondary (college and technical school) entrance is listed below:

1. Students ranked in the top 7%-10% of their graduating class are eligible for automatic admission to most public universities in Texas. Specific requirements are addressed in the previous section on “Honor Graduates.”
2. Colleges and universities have course entrance requirements that may be above those required for graduation from high school. Some colleges and universities in Texas now require students to graduate under the RHSP or FHSP W/ Endorsement as an admission requireme
3. SAT or ACT college entrance examinations are required for admission to four-year colleges and universities. Consult college catalogs and/or websites to determine which tests to take and deadlines. Registration forms and prep materials are available in the Counseling Center or on the SAT/ACT websites. It is the student’s responsibility to determine testing dates and registration deadlines, register for the test, and pay any registration or related fees for the test. High school seniors should take these exam(s) before January if they intend to apply for financial assistance. For information on SAT registration and deadlines, visit the College Board website at **www.collegeboard.com**. For information on accommodations, visit the College Board website at **www.collegeboard.com/ssd/student/time.html**. For information on ACT registration and deadlines, visit the ACT website at www.act.org.

Please see your counselor for SAT or ACT fee waiver information.

Students are encouraged to select their college early in their senior year. Once accepted by a college, students are generally notified of summer orientation programs. Students are encouraged to attend these orientations.

Students attending Texas public colleges and universities can use the Apply Texas Application, which is available online at **www.applytexas.com**. Current information on specific college/university entrance applications and entrance requirements should be requested from the college or university. Students who intend to live on campus should obtain an application for housing early in the fall of their senior year.

All students should fill out the FAFSA (Free Application for Federal Student Aid) during their senior year. This form is available online at **www.fafsa.ed.gov**. This form must be on file in the financial aid office of the college or university you plan to attend to determine if you are eligible for state, federal, or institution financial aid in the form of grants, scholarships, and/or loans. Scholarship information is posted on the MHS website in the “Counselor’s Corner”. Parents are encouraged to contact their employers regarding scholarships they may offer to children of their employees.

TEXAS EDUCATIONAL OPPORTUNITY GRANT (TEOG)

The purpose of the program is to provide grant aid to enable well-prepared, eligible students to attend public community colleges, technical colleges, or public state colleges in Texas. Students must be a Texas resident, have a financial need, enroll in the first thirty hours in college, must register with the selective services, or be exempt, and have not been convicted of a felony or a crime involving a controlled substance.

OTHER TEXAS FINANCIAL AID PROGRAMS

Other scholarships, grants, and financial aid, including tuition exemption, loans, and work-study are available. Students should begin preparing for these opportunities early in their high school years. Students should develop a portfolio that shows evidence of high achievement in a strong academic program as well as contributions to the school and community by participating in extracurricular activities and community organizations and projects

TOWARD EXCELLENCE, ACCESS, & SUCCESS GRANT PROGRAM (TEXAS GRANT)

The purpose of the program is to provide grant money to enable well-prepared eligible students to attend public and private nonprofit institutions of higher education in Texas.

Who can compete for an award? A student who:

- Is a Texas resident;
- Has financial need;
- Has applied for any available financial aid or assistance;
- Enrolls at least 3/4 time in an undergraduate degree or certificate program;
- Has not been convicted of a felony or a crime involving a controlled substance; and
- Meets one of the following two requirements:

- Completed FHSP with endorsement or Distinguished achievement high school curriculum or its equivalent; graduated from a public or accredited private high school in Texas no earlier than Fall 1998; and enrolled in an eligible college or university within 16 months of graduation; or
- Received his/her first Associate degree in May 2001 or later and enrolls in a higher-level undergraduate program within 12 months of receiving the AD.

Awards will be made through the financial aid office of the college. Persons interested in the program should contact the college financial aid office to verify deadlines and procedures.

Students who qualify on the basis of their high school curriculum and who continue in college and meet program academic standards can receive awards for up to 150 credit hours or for six years or until they receive their bachelor's degree, whichever occurs first. In the first year of college, the academic standards are set by the institution. In subsequent years, the requirements are completion of at least 75% of the hours taken in the prior year, plus an overall college GPA of at least 2.5 on a 4.0 scale.

Students who qualify on the basis of an Associate Degree and who continue in college and meet program academic standards can receive awards for up to 90 semester credit hours or for four years, or until they complete a baccalaureate degree, whichever occurs first. The academic standards are completion of at least 75% of the hours taken in the prior year, plus a cumulative GPA in college of at least 2.5 on a 4.0 scale.

The award amount depends on the tuition and fees to be paid by the student. In general, it is an amount equal to the student's tuition and required fees at public institutions. Private institution awards are based on the public university amount.

Name	Category	Web Address
SAT	Testing	www.collegeboard.org
ACT	Testing	www.actstudent.org
Texas Success Initiative	Testing	www.collegeforalltexans.com
FASTWEB	Scholarships	www.fastweb.com
Scholarships	Scholarships	www.scholarships.com
Minnie Stevens Piper Foundation	Compendium of Texas	www.window.state.tx.us/scholars
Texas Common Application	College Application	www.applytexas.org
Common Application	College Application	www.commonapp.org
Universities	College Search	www.universities.com
FAFSA	Financial Aid	www.fafsa.ed.gov
Texas Higher Education	Financial Aid	www.collegefortexans.com
State Grants	Financial Aid	www.theeb.state.tx.us
National Aid	Financial Aid	www.finaid.org
NCAA Clearinghouse	Athletics	www.eligibilitycenter.com

TECHNICAL OR BUSINESS SCHOOL

Students desiring to pursue post-high school education at a technical or business school will want to contact several such schools, acquire details of admission and courses of study, and visit some of the classrooms and laboratories. Many of these schools have open-door admission policies.

Technical or Business School Checklist

- Make a list of the schools that offer the occupational program of interest. These schools vary considerably in quality of programs and costs. (Check the Better Business Bureau).
- To obtain specific admission policies, consult your guidance counselor for information about technical schools that offer the program in which you are interested.
- Check the school's admission policy to make sure you have met all entrance requirements.
- Write or visit the school to obtain the necessary application forms.
- Complete application forms correctly. Enclose a check to cover the application fee (if required). Make the check payable to the institution.
- If at all possible, visit the selected school. Visit the specific training area and talk with the instructor.

MILITARY SERVICE – COLLEGE AND RECRUITMENT OPTIONS

United States academy and senior-level college ROTC scholarship (4, 3, and 2-year scholarships fully funded). College scholarships are available for all major universities with a high demand for nursing applicants. Co-curricular college credits while attending high school JROTC through Adams State University.

See your JROTC Senior Instructor for details & applications

The Army Junior Reserve Officer Training Corps (JROTC) is a program offered to high schools that teaches students (Cadets) character education, student achievement, wellness, leadership, and diversity. Collectively, these lessons motivate students (Cadets) to be better citizens. In addition to promoting citizenship, JROTC also prepares students (Cadets) for college. The benefits of citizenship and college preparedness are reinforced by the information in the links below:

- College Credit and Scholarships for JROTC Cadets (.ppt)
- Army ROTC Application Information (.ppt)
- Army ROTC College Scholarships visit <http://www.goarmy.com/rotc/html>
- ACT/SAT Preparation visit www.march2success.com
- ROTC Scholarships PowerPoint presentation (ppt.)

Students who are interested in entering a branch of the military services will want to contact one or more recruiting officers to determine the enlistment program that best meets personal interests. Many programs are available through each branch of military service.

Military Service Checklist:

- Make an appointment with the local recruiter of EACH branch of service to obtain current information on programs and entrance requirements.
- Before deciding on the branch of service, talk with relatives, friends, and others who have served or are currently serving in a branch of the Armed Forces
- If you are considering entry into the military service, take the Armed Services Vocational Assessment Battery (ASVAB) during high school.
- Contact a recruiter of the branch of service of your choice.



DIVISION I ACADEMIC REQUIREMENTS

CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division I school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

ACADEMIC REDSHIRT

All Division I academic redshirts may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division I school, but may NOT compete.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division II, view the [Division II academic requirements flyer](#).



TEST SCORES

If a student-athlete plans to attend an NCAA Division I college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division I full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Fall2022.

An SAT combined score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

CORE-COURSE LIST

Student-athletes should check to see if their high school has a list of [NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's list of [NCAA-approved core courses](#).

BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

Want more information? Visit
ncaa.org/playcollegesports.

Follow us: [@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)

DIVISION I FULL QUALIFIER SLIDING SCALE					
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

*Full sliding scale research between the new SAT and ACT is ongoing.

ACADEMIC REDSHIRT



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DIVISION II ACADEMIC REQUIREMENTS

CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division II school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale.
- Submit proof of graduation to the Eligibility Center.

PARTIAL QUALIFIER

College-bound student-athletes that do not meet Division II full qualifier standards will be deemed a partial qualifier. All Division II partial qualifiers may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division I, view the [Division I academic requirements flyer](#).



TEST SCORES

If a student-athlete plans to attend an NCAA Division II college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division II full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Fall2022.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

CORE-COURSE LIST

Student-athletes should check to see if their high school has a [list of NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's [list of NCAA-approved core courses](#).

BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

For more information on Division II, visit ncaa.org/D2.

Want more information? Visit
ncaa.org/playcollegesports.

Follow us: [@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)

DIVISION II FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.300 & above	400	37	2.725	730	52
3.275	410	38	2.700	740	53
3.250	430	39	2.675	750	53
3.225	440	40	2.650	750	54
3.200	460	41	2.625	760	55
3.175	470	41	2.600	770	56
3.150	490	42	2.575	780	56
3.125	500	42	2.550	790	57
3.100	520	43	2.525	800	58
3.075	530	44	2.500	810	59
3.050	550	44	2.475	820	60
3.025	560	45	2.450	830	61
3.000	580	46	2.425	840	61
2.975	590	46	2.400	850	62
2.950	600	47	2.375	860	63
2.925	620	47	2.350	860	64
2.900	630	48	2.325	870	65
2.875	650	49	2.300	880	66
2.850	660	49	2.275	890	67
2.825	680	50	2.250	900	68
2.800	690	50	2.225	910	69
2.775	710	51	2.200	920	70 & above
2.750	720	52			

*Full sliding scale research between the SAT and ACT is ongoing.

NCAA Division I
MAKE IT YOURS



May 2021

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Cleveland High School Course Descriptions

ENGLISH LANGUAGE ARTS

English I - 1111

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3220100

Course Description:

Grammar, composition, vocabulary, reading, and literature are studied. Listening and speaking skills will be used in analyzing and interpreting information. Available technology, including databases and the internet, will be utilized in all classes. English I offers a comprehensive study of grammar and practice in basic reading and writing skills; literature instruction will be by theme. Research papers or projects are required for English I.

Credit Type: English State Credit

Honors/GT English I - 1171

Prerequisite

See Advanced Criteria/Passing Score on 8th Grade STAAR Reading

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	3220100

Course Description:

This course will include an in-depth review of grammar fundamentals. Advanced vocabulary for college-bound students will be studied. Expository and persuasive writing will be fused with literature throughout the year. Literary study will include the short story, the novel, poetry, and drama. Independent work will be assigned on a regular basis and students will be expected to read two to three novels each year with a focus on independent study of vocabulary, literary analysis, and literary strategies.

Credit Type: English State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

English II - 1213

Prerequisite

English I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3220200

Course Description:

Grammar, composition, vocabulary, reading, and literature are studied. Listening and speaking skills will be used in analyzing and interpreting information. Available technology, including databases and the internet, will be utilized in all classes. English I and II offer a comprehensive study of grammar and practice in basic reading and writing skills; literature instruction will be by theme. Research papers or projects are required for English II.

Credit Type: English State Credit

Honors/GT English II – 1273

Prerequisite

See Advanced Criteria/ Passing score on English I EOC

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	3220200

Course Description:

Honors English I and II are designed to prepare students for the English AP Exam given at the junior/senior level. These courses include extensive independent reading in all genres of world literature, development of higher-level critical thinking skills, and the use of the writing process to compose various forms of discourse for a variety of audiences and purposes. Students must be prepared to devote considerable hours to independent readings and outside projects.

Credit Type: English State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

English III - 1315

Prerequisite

English II

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3220300

Course Description:

Grammar, composition, vocabulary, reading, and literature are studied. Listening and speaking skills will be used in analyzing and interpreting information. Available technology, including databases and the internet, will be utilized in all classes. English III offers a study of American literature. Research papers or projects are required for English III.

Credit Type: English State Credit

AP Language & Composition – 1316

Prerequisite

English II/See AP Criteria/Admissions Committee Approval/ Passing score on English I and English II EOC/Gifted and Talented identification

Grade Level	Credit	Term	PEIMS:
11	1	Year	A3220100

Course Description:

AP Language & Composition is designed to provide students with an opportunity to complete the equivalent of a college-level rhetoric and composition course. Students will read mainly non-fiction from a variety of periods, disciplines, and rhetorical contexts. The course develops writing techniques, research skills, and analysis of literature necessary for college success. Students must be prepared to devote considerable time to writing. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: English State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Dual Credit English 1301

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	A3220100

Course Description:

Intensive study 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. Students must pass both ENGL 1301 and 1302 to be awarded English III or English IV state credit.

Credit Type: English State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Dual Credit English 1302

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria/English 1301

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	A3220100

Course Description:

English 1302 is a continuation of ENGL 1301, this course is an intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions - ENGL 1302. Students must pass both ENGL 1301 and 1302 to be awarded English III or English IV state credit.

Credit Type: English State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

English IV - 1417

Prerequisite

English III

Grade Level	Credit	Term	PEIMS:
12	1	Year	3220400

Course Description:

Grammar, composition, vocabulary, reading, and literature are studied. Listening and speaking skills will be used in analyzing and interpreting information. Available technology, including databases and the internet, will be utilized in all classes. English IV offers the study of British literature. A major research paper is required for English IV.

Credit Type: English State Credit

Business English - CTE421

Prerequisite

English III

Grade Level	Credit	Term	PEIMS:
12	1	Year	13011600

Course 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.

Credit Type: English State Credit or State Elective Credit

AP Literature & Composition – 1418

Prerequisite

English III/See AP Criteria/Admissions Committee Approval/ Passing score on English I and English II EOC/Gifted and Talented identification

Grade Level	Credit	Term	PEIMS:
12	1	Year	A3220200

Course Description:

AP Literature & Composition is designed to provide college level studies for students with an above-average ability in English III who are planning to enter a four-year university upon high school graduation, and help prepare for the AP Literature and Composition Exam. Students will read and analyze various literary works in class and will read widely outside class. The instruction provides the students with sophisticated techniques for success in writing on a college level. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: English State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Dual Credit English 2322

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria/English 1301 and 1302

Grade Level	Credit	Term	PEIMS:
12	1	Year	A3220200

Course Description:

A survey of the development of British literature from the Anglo- Saxon period to the 18TH 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. Students must pass both ENGL 2322 and 2323 to be awarded English IV state credit.

Credit Type: English State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Dual Credit English 2323

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria/English 1301 and 1302

Grade Level	Credit	Term	PEIMS:
12	1	Year	A3220200

Course Description:

A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Students must pass both ENGL 2322 and 2323 to be awarded English IV state credit.

Credit Type: English State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

English I for Speakers of Other Languages (ESOL 1) - 1012

Prerequisite

LPAC Decision

Corequisites

ELDA 1

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3200607

Course Description:

This course is designed for students who have a primary language other than English. This course may take the place of regular English I.

Credit Type: English State Credit

English II for Speakers of Other Languages – (ESOL 2) - 1013

Prerequisite

LPAC Decision

Corequisites

ELDA 2

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3200707

Course Description:

This course is designed for students who have a primary language other than English. This course may take the place of regular English II.

Credit Type: English State Credit

English Language Development and Acquisition I- (ELDA 1) -1014

Prerequisite

LPAC Decision

Corequisites

ESOL 1

Grade Level

9-12

Credit

1

Term

Year

PEIMS:

3200800

Course Description:

This is a content-based course for EM students in grades 9-12 who have recently arrived at our district from another country and meet specific linguistic criteria. Students in this program accelerate learning English through smaller classroom sizes and a focus on direct instruction in vocabulary development, literacy skills, reading comprehension, and study skills.

Credit Type: English State Credit

English Language Development and Acquisition 2- (ELDA 2) -1018

Prerequisite

LPAC Decision

Corequisites

ESOL 2

Grade Level

9-12

Credit

1

Term

Year

PEIMS:

3200810

Course Description:

This is a content-based course for EM students in grades 9-12 who have recently arrived at our district from another country and meet specific linguistic criteria. Students in this program accelerate learning English through smaller

classroom sizes and a focus on direct instruction in vocabulary development, literacy skills, reading comprehension, and study skills.

Credit Type: English State Credit

ESL Practical Writing Skills - 1498-Renamed

Prerequisite

LPAC

Grade Level

9-11

Credit

1

Term

Year

PEIMS:

3221300

Course Description:

Practical writing is a remediation course designed for students who are interested in developing basic writing skills for practical situations. Course curriculum includes writing for practical situations and using effective written language for the following: writing business letters, inquiries and requests; preparing letters of application, application forms, and taking notes. Emphasis is on the use of correct spelling; use of appropriate vocabulary; use of appropriate punctuation; use of grammatically correct spelling; effective use of paragraphs, practice in legible handwriting, and practice in EOC test writing.

Credit Type: State Elective Credit

Practical Writing Skills – 1498-NEW

Prerequisite

Counselor/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
9-11	0.5	Semester	3221300

Course Description:

Practical writing is a remediation course designed for students who are interested in developing basic writing skills for practical situations. Course curriculum includes writing for practical situations and using effective written language for the following: writing business letters, inquiries and requests; preparing letters of application, application forms, and taking notes. Emphasis is on the use of correct spelling; use of appropriate vocabulary; use of appropriate punctuation; use of grammatically correct spelling; effective use of paragraphs, practice in legible handwriting, and practice in EOC test writing.

Credit Type: State Elective Credit

Reading I - 1007

Prerequisite

Counselor/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3270700

Course Description:

This remediation course offers instruction in word recognition, comprehension strategies, and vocabulary to ensure that students have an opportunity to read and write with competence, confidence, 34 and understanding. This course serves the needs of students with dyslexia and other related disorders or proficiency with language development.

Credit Type: State Elective Credit

Reading II - 1008

Prerequisite

Counselor/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3270800

Course Description:

This remediation course offers instruction in word recognition, comprehension strategies, and vocabulary to ensure that students have an opportunity to read and write with competence, confidence, and understanding. This course serves the needs of students with dyslexia and other related disorders or proficiency with language development.

Credit Type: State Elective Credit

Reading III - 1009

Prerequisite

Counselor/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3270900

Course Description:

This remediation course offers instruction in word recognition, comprehension strategies, and vocabulary to ensure that students have an opportunity to read and write with competence, confidence, and understanding. This course serves the needs of students with dyslexia and other related disorders or proficiency with language development.

Credit Type: State Elective Credit

College Readiness & Study Skills

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	.5	Semester	3270100

Course Description:

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

Credit Type: State Elective Credit

College Prep English Language Arts (ENGL 0306)

Prerequisite

None

Grade Level	Credit	Term	PEIMS: CP110100
12	.5	Semester	

Course Description:

College Prep English Language Arts classes focus on improving students' basic reading and writing skills. The course integrates preparation in basic reading skills with basic skills in writing a variety of academic essays. All College Prep English Language Arts classes prepare students for success in both academic and work environments.

Credit Type: State Elective Credit and can be used to satisfy English IV

Literary Genres-NEW

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	.5	Semester	3221500

Course Description:

Literary Genres will spend time analyzing the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High school students will discover how well-written literary texts can serve as models for their own writing. High school students respond to oral, written, and electronic text to connect their knowledge of the world.

Credit Type: State Elective Credit

Creative Writing-NEW

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	.5	Semester	3221200

Course Description:

Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The student's evaluation of their own writing, as well as the writing of others, ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

Credit Type: State Elective Credit

FOREIGN LANGUAGE

Spanish I - 8171

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3440100

Course Description:

Spanish I is an introduction to the Spanish language. The four language skills: listening, speaking, reading, and writing are taught through a variety of learning experiences. Students will learn about Spanish-speaking countries and their cultures.

Credit Type: Foreign Language State Credit

Spanish II - 8173

Prerequisite

Spanish I

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3440200

Course Description:

A continuation of Spanish I, emphasizing mastery of basic language patterns with correct pronunciation and intonation. The class will read simple selections for comprehension and write short compositions while continuing to study Hispanic culture.

Credit Type: Foreign Language State Credit

Spanish III - 8172

Prerequisite

Spanish II

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3440300

Course Description:

This course is designed in a sequential manner. It is a continuation of the skills taught in Spanish I and II. Emphasis will be placed on listening, speaking, reading, and writing skills and culture. These will result in the understanding and ability to respond to most routine questions, statements, and commands, to speak intelligibly, and use vocabulary sufficient to express oneself simply.

Credit Type: Foreign Language State Credit

Spanish IV - 8175

Prerequisite

Spanish III

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3440400

Course Description:

Spanish IV is a continuation of the four skills covered in Spanish I-III. Emphasis is placed on reading and writing skills which will result in an understanding and discussion of written text.

Credit Type: Foreign Language State Credit

AP Spanish Language - 8189

Prerequisite

Spanish III

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	A3440100

Course Description:

This course will continue the skills necessary to prepare the students for the College Board Advanced Placement Exam. Besides practicing advanced grammar constructions, students will be introduced to readings in Hispanic literature as a source for new vocabulary, subjects for conversation, and topics for essay writing. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: Foreign Language State Credit

This course is weighted in the GPA. Pre-AP/AP Student/Parent Contract must be submitted along with course registration.

AP Spanish Literature - 8190

Prerequisite

Spanish III

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	A3440200

Course Description:

This course will continue the skills necessary to prepare the students for the College Board Advanced Placement Exam. Besides practicing advanced grammar constructions, students will be introduced to readings in Hispanic literature as a source for new vocabulary, subjects for conversation and topics for essay writing. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: Foreign Language State Credit

This course is weighted in the GPA. Pre-AP/AP Student/Parent Contract must be submitted along with course registration.

Languages Other Than English Level 1- Spanish for Spanish Speakers

Prerequisite

LPAC Decision

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03440110

Course Description:

This course is offered for heritage speakers of Spanish who demonstrate a designated level of Spanish proficiency on the predetermined assessment for Spanish proficiency according to the American Council on the Teaching of Foreign Languages (ACTFL) and LOTE Level I TEKS for Spanish. Students will be expected to express meaning in highly predictable contexts through the use of memorized and recalled words and phrases, and understand aural cognates, borrowed words, and high-frequency, highly contextualized words and phrases with repetition. Students will be expected to express meaning in simple, predictable contexts through the use of learned and recombined phrases and short sentences as well as understand sentence-length information within highly contextualized situations and sources. By the end of Level I, students will perform on a Novice Mid proficiency level for reading and writing. In listening and speaking, students will perform on a Novice Mid to Novice High proficiency level. Heritage speakers may be allowed to accelerate based on their ability to demonstrate proficiency in the Texas Essential Knowledge and Skills for LOTE across all modes of communication at the prescribed proficiency level. Students will be screened, assessed, and identified in the spring of 6th grade for placement in the subsequent school year. Approval required by grade level counselor prior to placement in course.

Languages Other Than English Level II- Spanish for Spanish Speakers

Prerequisite

LPAC Decision

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03440220

Course Description:

This course is offered for heritage speakers of Spanish who demonstrate a designated level of Spanish proficiency on the predetermined assessment for Spanish proficiency according to the American Council on the Teaching of Foreign Languages (ACTFL) and LOTE Level II TEKS for Spanish. Students are expected to express meaning in simple, predictable contexts through the use of learned and recombined phrases and short sentences and understand sentence-length information within highly contextualized situations and sources. Students will be expected to express meaning in straightforward and personal contexts by combining and recombining what they know, what they read, and what they hear in short statements and sentences as well as understand some information from simple connected statements in oral or written sources. By the end of Level II, students will perform on a Novice Mid to Novice High proficiency level for reading and writing. In listening and speaking, students will perform on a Novice High to Intermediate Low proficiency level. Students placed in this course must have credit for LOTE Level I – Spanish for Spanish Speakers either through successful completion of the course or placement by approved assessment. Heritage speakers may be allowed to accelerate based on their ability to demonstrate proficiency in the Texas essential knowledge and skills for LOTE across all modes of communication at the prescribed proficiency level. Approval required by grade level counselor prior to placement in course.

Languages Other Than English Level III- Spanish for Spanish Speakers

Prerequisite

LPAC Decision

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03440330

Course Description:

This course is offered for heritage speakers of Spanish who demonstrate a designated level of Spanish proficiency on the predetermined assessment for Spanish proficiency according to the American Council on the Teaching of Foreign Languages (ACTFL) and LOTE Level III TEKS for Spanish. Students are expected to express meaning in straightforward and personal contexts by combining and recombining and understanding some information from simple connected statements in oral or written sources. Students are expected to express meaning in straightforward and personal contexts by easily combining and recombining what they know, what they read, and what they hear in short statements and a mixture of sentences and strings of sentences as well as understanding some information from connected statements in oral or written sources. By the end of Level III, students of logographic languages should perform on a Novice High to Intermediate Low proficiency level for reading and writing. In listening and speaking, students of logographic languages should perform on an Intermediate Low to Intermediate Mid proficiency level. Heritage speakers may be allowed to accelerate based on their ability to demonstrate proficiency in the Texas essential knowledge and skills for LOTE across all modes of communication at the prescribed proficiency level. Approval required by grade level counselor prior to placement in course.

Dual Credit Intermediate Spanish I & II

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Semester	3420200

Course Description:

This course stresses both oral and written exercises to increase vocabulary, expansion or grammatical principles, and short themes written on a variety of topics. The course description is equivalent to SPAN 2311 and SPAN 2312.

Credit Type: Foreign Language State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Spanish for Native Speakers I & II (Advanced) - 8178/8179

Prerequisite

Student must be a native speaker of the Spanish Language. Student must be able to speak, read, and write simple Spanish.

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	03340110/03440220

Course Description:

This course is designed for native Spanish-speaking students who are proficient in their native language and desire to enhance their grammar and writing skills. Course work will be done at an accelerated pace, covering two years' work in one year and receiving two high school credits one per semester. Course Eligibility will be given based on the required exam. Credit is given for Spanish I & II.

Credit Type: Foreign Language State Credit.

Spanish for Native Speakers III & IV (Advanced) 8180/8181

Prerequisite

Spanish I & II and a student must be native speakers of the Spanish Language. Students must be able to speak, read, and write simple Spanish.

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	03340330/03440440

Course Description:

This course is designed for native Spanish-speaking students who are proficient in their native language and desire to enhance their grammar and writing skills. Course work will be done at an accelerated pace, covering two years' work in one year and receiving two high school credits one per semester. Course Eligibility will be given based on the required exam. Credit is given for Spanish II.

Credit Type: Foreign Language State Credit

MATHEMATICS

Algebra I - 2111

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3100500

Course Description:

Algebra I is an introduction to the set of real numbers, algebraic expressions, solutions of linear equations and inequalities, and graphing linear equations and inequalities. Algebra is a study of polynomials, rational expressions, relations and functions, roots and quadratic equations, and exponential functions.

Credit Type: Math State Credit

Algebra I Lab - 2347

Prerequisite

Counselor/Admissions committee approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3100500

Course Description:

Algebra Lab is a remediation course designed to be taken in conjunction with Algebra I and is offered to give students additional practice and support in mastering Algebra I knowledge and skills.

Credit Type: Local Credit

Honors/GT Algebra I - 2114

Prerequisite

Demonstration of mastery on course-related state-mandated performance assessments including STAAR is necessary/Passing Score on 8th Grade STAAR Mathematics

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3100500

Course Description:

This is a course designed to provide a rigorous and in-depth study of algebra, emphasizing deductive reasoning skills as a foundation for more advanced mathematics courses. An emphasis on real-world applications of concepts is found throughout the course. Algebra I Honors is designed to provide a foundation for higher-level mathematics courses. Topics include the investigation of the real number system and its various subsystems in terms of structural characteristics and operations; algebraic representation, solution, and evaluation of problem situations; graphing as a tool to interpret linear relations, functions, and inequalities; exploration of quadratic equations, polynomials, rational expressions, and properties and operations with square roots.

Credit Type: Math State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Algebraic Reasoning - 2346

Prerequisite

Algebra I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3102540

Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic models, and modeling from data using tools that build to the workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

Credit Type: Math State Credit

Geometry - 2213

Prerequisite

Algebra I Credit/Passing Score Algebra I EOC/May Be Taken Concurrently With Algebra II With Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3100700

Course Description:

The basic definitions, postulates, and theorems concerning the congruence of segments, angles, and triangles are studied.

Geometry is also a study of polygons, similarity, circles, area, and coordinate geometry. Trigonometric ratios are also studied.

Credit Type: Math State Credit

Honors/GT Geometry - 2214

Prerequisite

Algebra I Credit/ May Be Taken Concurrently With Algebra II With Admissions Committee Approval/Passing Score Algebra I EOC

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3100700

Course Description:

This course will include all of the topics in a regular geometry course plus enrichment topics such as transformations, dihedral angles, and numerous three-dimensional topics.

Credit Type: Math State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Algebra II - 2315

Prerequisite

Geometry and Algebra I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3100600

Course Description:

In Algebra II, students build on the foundations from K-8, Algebra I, and Geometry. Students broaden their knowledge of quadratic functions, exponential functions, and systems of equations. They study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations.

Credit Type: Math State Credit

Honors/GT Algebra II - 2317

Prerequisite

Suggested Grade of 75 or Higher In Both Geometry and Algebra I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3100600

Course Description:

Algebra II Honors moves at an accelerated pace requiring less repetitive reinforcement of concepts than the level course. The Honors course provides more in-depth coverage of all the topics in regular Algebra II as well as the study and writing of algebraic proofs. Students are required to analyze and extend their learning of the basic concepts. They will be provided with extensive and challenging higher-level applications and real-world problems. Students are expected to do independent study and research and to present their research in some visual manner.

Credit Type: Math State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Statistics - New

Prerequisite

Algebra II

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3102530

Course Description:

Algebraic, trigonometric, and logarithmic functions are studied in depth. This course is not a prerequisite for AP Calculus.

Credit Type: Math State Credit

Pre-Calculus - 2119

Prerequisite

Geometry and Algebra II/ Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3101100

Course Description:

Algebraic, trigonometric, and logarithmic functions are studied in depth. This course is not a prerequisite for AP Calculus.

Credit Type: Math State Credit

Honors/GT Pre-Calculus - New

Prerequisite

A grade of at least 75 in Geometry and Algebra II / Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3101100

Course Description:

Algebraic, trigonometric, and logarithmic functions are studied in depth. This course is not a prerequisite for AP Calculus.

Credit Type: Math State Credit

Calculus I Dual Credit - 2481

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3102501

Course Description:

Calculus I (Math 2413) covers functions, limits, continuity, differentiation, and integration of algebraic and trigonometric functions, applications of differentiation, and an introduction to applications of the definite integral.

Credit Type: Math State Credit

This course earns 3 hours of college credit in addition to one high school credit. The course description is equivalent to Math 2413.

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Dual Credit Algebra - 2116

Prerequisite

Algebra II Credit/Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Semester	3102500

Course Description:

This course is an in-depth study of polynomial, rational, radical, absolute value, exponential and logarithmic functions, equations, inequalities, graphing skills, and systems of equations, using matrices. Additional topics such as sequences, series, probability, conics, and inverses may be included. This course earns 3 hours of college credit in addition to one high school credit. The course description is equivalent to Math 1314.

Credit Type: Math State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Dual Credit Statistics - 2115

Prerequisite

Dual Credit Algebra I/Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Semester	03102530

Course Description: This course is an in-depth study of the Collection, analysis, presentation, and interpretation of data, and probability. The analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. This course earns 3 hours of college credit in addition to one high school credit. The course description is equivalent to Math 1342.

Credit Type: Math State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

AP Calculus AB – 21121

Prerequisite

Suggested Grade of 80 or Higher In Pre-Calculus or 80 or Higher In College Algebra & Trigonometry (Dual Credit)/See AP Criteria

Grade Level	Credit	Term	PEIMS:
12	1	Year	A3100101

Course Description:

This course will introduce students to the major concepts of differential and integral calculus by examining topics that include derivatives, definite integrals, and the Fundamental Theorem of Calculus. A multi-representational approach will be used to solve concepts and problems graphically, numerically, analytically, and verbally.

Credit Type: Math State Credit

Students may not self-elect out of this course at any time during the school year because there is no equivalent level course available. This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

AP Statistics - 21122

Prerequisite

Algebra I, Algebra II, Geometry, and Pre-Calculus

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	A3100200

Course Description:

This course will introduce the students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the themes of exploring data, sampling, and experimentation, anticipating patterns, and statistical inference. The use of the graphing calculator is an integral part of this class. Students who successfully complete the course and exam may receive credit and/or advanced placement for a one-semester introductory college statistics course. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: Math State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Engineering Math - 8214

Prerequisite

Algebra II

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13036700

Course 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.

Credit Type: Math State Credit

Financial Mathematics - 8967

Prerequisite

Algebra I and Geometry

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13018000

Course Description:

This course focuses on planning, services for financial and investment planning, banking, insurance, and business financial management. Additional topics include personal money management and personal financial decisions based on current and projected economic factors.

Credit Type: Math State Credit

Accounting II - 8966

Prerequisite

Principles of Business, Accounting I

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13016700

Course Description:

Students 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 reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision-making. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Math State Credit or Elective State Credit

Robotics II - 4563

Prerequisite

Robotics I

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13037050

Course Description:

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. This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Credit Type: Elective State Credit or Math State Credit

College Prep Math - 2482

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	CP111200

Course Description: College Prep Math is a course covering objectives students will need to be successful in College Algebra.

Credit Type: Math State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Science

Integrated Physics And Chemistry - 3111

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	3060201

Course Description:

Introduces the student to the basic concepts of physics and chemistry. Topics include safety, scientific methods, measurement, mechanics, optics, acoustics, electricity, magnetism, and the basic concepts of general chemistry.

Credit Type: Science State Credit

Biology - 3212

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3010200

Course Description:

Students will expand their knowledge of scientific processes as they apply to the nature of living systems. Extensive discussions and many lab activities relating to biology concepts, terms, and theories provide a foundation for understanding the living world.

Credit Type: Science State Credit

Honors/GT Biology - 3171

Prerequisite

See Advanced Criteria/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3010200

Course Description:

Advanced Biology is a course designed to prepare students for Advanced Placement Biology. The class is lab-oriented and designed to provide an introduction to biological topics stressed in the advanced placement course. Students will learn process skills involved in scientific problem solving which will allow them to become self-starters and independent workers in the AP course. Areas stressed will be molecular biology, environmental science, and phylogeny. All laboratory exercises are designed to reinforce concepts and process skills.

Credit Type: Science State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

AP Biology - 3213

Prerequisite

Biology/Chemistry/ Suggested Grade of 80 or Higher In Biology/ Admissions Committee Approval/See AP Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	A3010200

Course Description:

This course is the equivalent of college freshman biology and the rigor is comparable to a class for biology majors. Students will be expected to perform at the college level. Areas addressed are prescribed in the College Board publication, Advanced Placement course description: Biology. Laboratory exercises are designed to encourage independent study as well as reinforce concepts and process skills. Upon completion of this course, a student will take the AP Exam.

Credit Type: Science State Credit

Students may not self-elect out of this course at any time during the school year because there is no equivalent level course available. This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Dual Credit Biology

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3037210

Course Description:

This course is an introductory course to the nature of science, the characteristics of life, the molecular and cellular basis of life, viruses, energetics, reproduction, and development. This course is equivalent to BIOL 1408.

Credit Type: Science State Credit

Students may not self-elect out of this course at any time during the school year because there is no equivalent level course available. This course is weighted in the GPA.

Chemistry - 3315

Prerequisite

Biology and Algebra I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3040000

Course Description:

This course is designed to give a basic knowledge of atomic structure as it relates to the chemical behavior of elements. Laboratory activities are utilized in helping students understand chemistry.

Credit Type: Science State Credit

Honors/GT Chemistry - 3376

Prerequisite

Biology and Algebra I. Suggested Grade of 75 or Higher in Biology See Advanced Criteria

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3040000

Course Description:

The Chemistry Honors curriculum is designed for students to achieve the following objectives: to become proficient in the use of the scientific method and laboratory equipment, to solve problems using dimensional analysis and the mole concepts, to understand the properties of matter and energy and use this information quantitatively and qualitatively to predict behavior, and to develop an appreciation for the work of earlier scientists. Chemistry is a concept-oriented course where students use a problem-solving approach.

Credit Type: Science State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

AP Chemistry - 4521

Prerequisite

Chemistry/Algebra II/See AP Criteria/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	A3040000

Course Description:

Students will study the structured properties of matter with a strong emphasis on the mathematics of chemistry. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: Science State Credit

Students may not self-elect out of this course at any time during the school year because there is no equivalent level course available. This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Dual Credit Chemistry

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3037200

Course Description:

This course is an introductory course to Chemistry that covers the metric system, atoms and elements, bonding, solids, liquids, gases, stoichiometry, solutions, reactivity, and acids and bases. The lab includes experiments in inorganic chemistry. This course is equivalent to CHEM 1405.

Credit Type: Science State Credit

Students may not self-elect out of this course at any time during the school year because there is no equivalent level course available. This course is weighted in the GPA.

Physics - 3411

Prerequisite

Algebra II or Concurrent Enrollment In Algebra II/Biology

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3050000

Course Description:

Physics explores the interrelationship between matter and energy. This course requires a strong mathematics background because mathematics is the language used to describe abstract ideas. Topics will include motion, force, vector analysis, thermodynamics, work, electricity, and waves. Process skill acquisition and problem-solving will be stressed

Credit Type: Science State Credit.

Honors/GT Physics - 3477

Prerequisite

Algebra II or Concurrent Enrollment/ Suggested Grade of 75 or Higher in Geometry or Algebra II/ Admissions Committee Approval/See Advanced Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3050000

Course Description:

This course expands on the basic physics principles by requiring students to independently come up with his/her own predictions and solutions. In this way, the Honors student is more prepared to be successful in a college physics setting.

Credit Type: Science State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration

AP Physics 1 - 8288

Prerequisite

Pre-AP Algebra II or Concurrent Enrollment/Admissions Committee Approval/See Advanced Criteria

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	A3050003

Course Description:

AP Physics I is an algebra-based, introductory, college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. Upon completion of this course, students will take the AP Exam. Colleges may award credit based on the score of the AP Exam.

Credit Type: Science State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

Earth and Space Science - 3325

Prerequisite

Recommended: 3 years of Math and Science courses, or each taken concurrently with this class.

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	03060200

Course Description:

This course will build on prior scientific knowledge and skills to provide students an understanding of the Earth System and cycles in space and time. The class will focus on three main science concepts: the earth in space and time, solid earth, and fluid earth.

Credit Type: Science State Credit

Environmental Systems

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3020000

Course Description:

Interdisciplinary study of both natural (biology, chemistry, ecology, geology) as they apply to the environment. Focus on current global concerns, including global warming, overpopulation, deforestation, pollution, biodiversity, and resource use. Practical laboratory experience emphasizes the application of fundamental principles of biology, chemistry, and geology as well as critical thinking and analysis.

Credit Type: Science State Credit

Students may not self-elect out of this course at any time during the school year because there is no equivalent level course available. This course is weighted in the GPA.

Anatomy & Physiology - 1551

Prerequisite

Biology/second Science credit; Recommended one course from Health Science pathway.

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020600

Course Description:

Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher-order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well-being. This course is part of the Public Service endorsement in Health Science- Medical.

Credit Type: State Science Credit or State Elective Credit

Aquatic Science - 3316/904B

Prerequisite

Biology

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	03030000

Course Description:

Aquatic Science is an upper-level, yearlong science course. Students study a variety of topics that include: components of an aquatic ecosystem; relationships among aquatic habitats and ecosystems; roles of cycles within an aquatic environment; adaptations of organisms; changes within aquatic environments; geological phenomena and fluid dynamics effects; and the origin and use of water in a watershed. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Credit Type: Science State Credit or State Elective Credit

Forensic Science - 3317/904A

Prerequisite

Biology and Chemistry

Recommended Prerequisites/Corequisites:

Any Law, Public Safety, Corrections, and Security Career Cluster course

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13029500

Course Description:

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Credit Type: Science State Credit or State Elective Credit

Advanced Animal Science - 3318

Prerequisite

Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production.

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13000700

Course Description:

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

Credit Type: Science State Credit or State Elective Credit

Food Science - 3319/CTE319

Prerequisite

Three units of science, including Chemistry and Biology.

Recommended Prerequisites: Principles of Hospitality and Tourism.

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13023000

Course Description:

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Credit Type: Science State Credit or State Elective Credit

Social Studies

World Geography - 4111

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3320100

Course Description:

This course is designed to provide students an opportunity to study the world in which they live. The material focuses on regional studies of the five themes of geography. Students gain an understanding of geographical terms, develop map skills, locate and study different landforms and regions of the world, and learn how people and geography affect each other. Students also learn how people adapt to and change the world around them. Heavy emphasis on study skills, note-taking, test-taking, research, and writing.

Credit Type: Social Studies State Credit

Honors/GT World Geography - 4171

Prerequisite

Admissions Committee Approval/ Passing Score on 8th Grade STAAR Reading/See Advanced Criteria

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3320100

Course Description:

This course is designed to exceed the requirements of level world geography studies with its in-depth analysis of how people interact with their geography. Analysis based on geographic skills will extend to contemporary areas of concern such as: regional conflicts, world population growth, global pollution, energy resources, world hunger, diseases and their spread, etc. Students will use a variety of research materials for reports and essays.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course registration.

World History - 4213

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3340400

Course Description:

This course will include an overview of social, economic, and political conditions of the ancient, medieval and modern world. It is designed as a general survey course emphasizing critical reading, discussion skills, and current event literacy.

Credit Type: Social Studies State Credit

AP World History - 4283

Prerequisite

Admissions Committee Approval/Passing score on English I EOC/See AP Criteria

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	A3370100

Course Description:

This course is designed for honor students who want an enriched and challenging history course while meeting the state course requirements. The course curriculum also incorporates the College Board Advanced Placement World History standards. The approach to the history of the world will be global, comparative, and analytical. It will mean a commitment by students to a summer reading project and extensive reading, writing, and research during the school year. Upon completion of this course, students will take the AP Exam. **Credit Type:** Social Studies State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course

Dual Credit World History to 1492 - 4399

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
10-12	1	Semester	03380001

Course Description:

The history of human societies from the earliest evidence of ancient people until the voyages of Columbus from Europe to America. Consideration is given to all major cultural regions (Western Europe, Eastern Europe, the Middle East, South Asia/India, East Asia, Africa, and Latin America). Emphasis is placed upon comparative aspects of history, and upon interactions among the major cultural regions. The course description is equivalent to World History 2321.

Credit Type: Social Studies State Credit

Dual Credit World History from 1492 - 4400

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
10-12	1	Semester	03380001

Course Description:

The history of human societies since the voyages of Columbus from Europe to America. Consideration is given to all major cultural regions (Western Europe, Eastern Europe, the Middle East, South Asia/India, East Asia, Africa and Latin America). Emphasis is placed upon comparative aspects of history, and upon interactions among the major cultural regions. The course description is equivalent to World History 2322.

Credit Type: Social Studies State Credit

United States History Since Reconstruction - 4315

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
11	1	Year	3340100

Course Description:

Students will study the rise of "big business," the settling of the "last frontier," the Progressive Movement, U.S. expansion overseas, and U.S. involvement in WWI. Students will study the Roaring Twenties, the Great Depression, U.S. involvement in WWII, and the political and social history of post-war America, and the entrance into the Space Age. It also includes the Vietnam War and post-Vietnam social and political developments, as well as the U.S. emergence as a superpower and its involvement in international political affairs.

Credit Type: Social Studies State Credit

AP United States History

Prerequisite

Admissions Committee Approval/Passing score on English I EOC/See AP Criteria

Grade Level	Credit	Term	PEIMS:
11	1	Year	3340100

Course Description:

This course is designed to cover significant individuals and events in American history. Emphasis is given to geographic influences upon the historical and economic development and growth of the U.S. and social, cultural, and political developments of the U.S. through current times. Students will be required to complete at least one outside independent research project each semester and will take the College Board Advanced Placement Exam in May for college credit.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Honors/AP Student/Parent Contract must be submitted along with course

Dual Credit United States History to 1877

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC and English II EOC/CHS
Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
10-11	0.5*	Semester	3340100

Course Description:

A survey of U.S. history from Pre-Contact Societies through Reconstruction. Themes to be developed include westward expansion and globalization, slavery, Native Americans, and religious and social changes. An additional purpose of this course is to introduce students to the skills and practices of history. This course earns 3 hours of college credit. The course description is equivalent to History 1301. Students must pass both History 1301 and History 1302 to be awarded high school United States History credit.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Dual Credit United States History since 1877

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC and English II EOC/CHS
Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
10-11	0.5*	Semester	3340100

Course Description:

A survey of U.S. history from 1877 to the present. Topics will include western expansion, industrialization, immigration, imperialism, economic, political, and social developments, the wars of the 20th century, and the changing status and conditions of women and minorities. Another purpose of this course is to introduce students to the skills and practices of history. This course earns 3 hours of college credit. The course description is equivalent to History 1302. *Students must pass both History 1301 and

History 1302 to be awarded high school United States History credit.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

AP European History - 4398

Prerequisite

Admissions Committee Approval/ Passing score on English I EOC and English II EOC/See AP Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	A3340200

Course Description:

The AP European History course focuses on the socio-cultural, political, religious, intellectual, artistic, technological and economic developments in Europe from 1450-the present. This is a College level course that requires extensive reading and research. The course is designed to enhance your ability to analyze historical evidence, evaluate and synthesize historical sources into effectively written essays (DBQ's). Upon completion of this course, students will take the AP Exam.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Pre-AP/AP Student/Parent Contract must be submitted along with course registration.

Dual Credit Western Civilization to 1648

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC and English II EOC/CHS
Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	0.5	Semester	3380001

Course Description:

A history of Western civilization from the beginning of recorded history through the Renaissance and Reformation. The purpose of this course is to provide students with an interpretive analysis of the social, economic, political, and intellectual dynamics that have shaped Western history since antiquity. This course earns 3 hours of college credit in addition to one high school credit. The course description is equivalent to Western Civilization 2311.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Dual Credit Western Civilization from 1648

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC and English II EOC/CHS
Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	0.5	Semester	3380001

Course Description:

A history of Western civilization from the age of exploration and the creation of the European nation-states through the Cold War of the twentieth century. Its purpose is to provide students with an interpretive analysis of the social, economic, political and intellectual dynamics that have shaped Western and world history since the religious wars of the Protestant Reformation. **This course earns 3 hours of college credit. The course description is equivalent to Western Civilization 2312.**

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Dual Credit Texas History - 4401

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/ Passing score on English I EOC and English II EOC/CHS
Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	0.5	Semester	03380001

Course Description:

Survey of Texas history from the Spanish exploration to the present. This course earns 3 hours of college credit. The course description is equivalent to Texas History 2301.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

US Government - 4417

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	3330100

Course Description:

This one-semester course is designed to prepare students for decision-making within the framework of the American political system. The course begins with an overview of basic concepts found in all political systems, the philosophical background that led to our constitutional development, and the basic concepts found in the Constitution. The three branches of the federal government, including current issues of interest nationally, will be studied. In addition, students survey the fields of civil rights and liberties, political parties and suffrage, and a study of the Texas Constitution, state and local government.

Credit Type: Social Studies State Credit

Dual Credit Government - 4497

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	3330100

Course 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 - GOVT 2305. Students must pass this course to receive high school credit.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Advanced Placement Government & Politics

Prerequisite

Admissions Committee Approval/Passing score on English I & English II EOC/See AP Criteria

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	A3330100

Course Description:

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Economics - 4418

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	3310300

Course Description:

Study of our economic system that is characterized by private or corporate ownership of capital goods, by investments that are determined by private decisions rather than by state control, and by prices, production, and the distribution of goods that are determined in a free manner

Credit Type: Social Studies State Credit

Dual Credit Macroeconomics

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	3310300

Course Description:

A study of macroeconomic principles. Analysis of the market economy; national income accounting; income determination; stabilization policies: monetary and fiscal policy; money and banking; demand and supply-side economics; monetarist vs. Keynesian view; inflation theories such as distinction between demand-pull and cost-push theories, Phillips curve analysis; labor market and determination of unemployment rate. This course description is equivalent to ECON 2301. Students must pass this course to receive high school credit.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Advanced Placement Macroeconomics

Prerequisite

Admissions Committee Approval/Passing score on English I & English II EOC/See AP Criteria

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	A3310200

Course Description:

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.

Credit Type: Social Studies State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Personal Financial Literacy - 4419

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	0.5	Semester	3380082

Course Description:

In this course, students will be looking at material to gain essential knowledge and skills regarding understanding interest, avoiding and eliminating credit card debt, understanding the rights and responsibilities of renting or buying a home, managing money to make the transition from renting a home to homeownership, starting a small business, being a prudent investor in the stock market and using other investment options, beginning a savings program and planning for retirement, bankruptcy, the types of bank accounts available to consumers and the benefits of maintaining a bank account, balancing a checkbook, the types of loans available to consumers and becoming a low-risk borrower, understanding insurance, charitable giving, completing the application for federal student aid provided by the United States Department of Education, and methods of paying for college.

Credit Type: Social Studies State Credit

Psychology - 4420

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	3350100

Course Description:

This course combines the scientific study of human behavior with a personal focus on individual behavior. Students examine many topics including the history and nature of psychology, the stages of human development, learning, memory, major personality theories, intelligence, perception, normal versus abnormal behavior patterns, and major theories on achieving mental health.

Credit Type: Elective State Credit

Dual Credit Psychology - 4422

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	3350100

Course Description:

This course is a survey of the essential subject areas, major theories, and approaches to the scientific study of behavior and mental processes – PSYC 2301.

Credit Type: Elective State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Sociology - 4421

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	3370100

Course Description:

This course examines group relationships, including both the impact of the individual in each of the many groups of which he/she is part and the impact of those groups on the individual. Those "groups" include the American society; cultures of the world; unstructured groups, the mass media, and the five universal institutions of government, economy, religion, education, and marriage/family.

Credit Type: Elective State Credit

Dual Credit Sociology - 4423

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/MHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	3370100

Course Description:

This course is an introduction to the basic elements of society. In looking at human behavior, this course includes an introduction to dynamics of society, culture, social groups, social institutions, socialization, social processes and social structure - SOCI 1301.

Credit Type: Elective State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Ethnic Studies: African American Studies

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
10-12	1.0	Year	03380085

Course Description:

In Ethnic Studies: African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States.

Credit Type: Social Studies State Credit

Ethnic Studies: Mexican American Studies

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
10-12	1.0	Year	03380084

Course Description:

In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature, art, and other media. The course emphasizes developments in the twentieth and twenty-first centuries, but students will also engage with developments prior to the twentieth century. Grade 10-12

Credit Type: Social Studies State Credit

Physical Education

In addition to the courses listed in this section, **Marching Band, Dance Team, Dance I, and JROTC I** may substitute for state PE credits. Such substitutions shall be based upon the physical activity involved in marching band during the fall semester; athletics, dance team, and JROTC. Students planning to pursue athletics and/or athletic scholarships at the college level must be aware of core curriculum requirements. These students need to contact their coach for printed information regarding the core curriculum as defined by the National Collegiate Athletic Association (NCAA).

Foundations of Personal Fitness - 8485

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	PES00052

Course Description:

It is a textbook class (with lab work involved). Lab work is suiting out in the proper P.E. clothes, and participating in the activities involved in conjunction with the textbook. Foundations is designed to allow the student to experience and become educated about the ABCs of a healthy, active, and fit lifestyle. The following classes will fulfill the requirement for Foundations of Personal

Fitness: Athletics, Band, Cheerleading, and certain activity-based classes.

Credit Type: Physical Education State Credit

Aerobic Activities - 8461

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	PES00054

Course Description:

In this elective course, students are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

Credit Type: Physical Education State Credit

Team Sports - 8462

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00055

Course Description:

Students will be introduced to a variety of team sports. This class will offer concepts, strategies, rules, and physical activity. Cardiovascular fitness will be incorporated into each unit. Upon completion of this course, the student will have learned skills necessary to perform a variety of successful physical activities.

Credit Type: Physical Education State Credit

Girls Athletics I-IV 8470, 8471, 8472, 8473

Prerequisite

Athletic Director approval and Head Coach of sport approval. You must be in athletics the semester before your sport except for the following sports: Powerlifting, Tennis, and Golf.

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	PES00000,PES00001, PES00002,PES00003

Course Description:

Designed for students who participate in extracurricular sports including football, volleyball, basketball, softball, and baseball. All athletic programs are designed to prepare students for competition in specific sports. Athletic classes meet during the school day with seasonal practices also being required outside school hours. The University Interscholastic League Competition and Contest Rules regulate all athletic classes, practices, and contests. Student-athletes representing the Cleveland Independent School District must also adhere to district athletic policies. Available athletic programs include baseball, basketball, cross-country, football, golf, soccer, softball, tennis, track, and volleyball. Tryout procedures will be conducted in programs where limitations exist concerning safety, equipment, supervision, and facilities.

Credit Type: Physical Education State Credit

Boys Athletics I-IV 8463, 8467, 8477, 8478

Prerequisite

Athletic Director approval and Head Coach of sport approval. You must be in athletics the semester before your sport except for the following sports: Powerlifting, Tennis, and Golf.

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	PES00000,PES00001, PES00002,PES00003

Course Description:

Designed for students who participate in extracurricular sports including football, volleyball, basketball, softball, and baseball. All athletic programs are designed to prepare students for competition in specific sports. Athletic classes meet during the school day with seasonal practices also being required outside school hours. The University Interscholastic League Competition and Contest Rules regulate all athletic classes, practices, and contests. Student-athletes representing the Cleveland Independent School District must also adhere to district athletic policies. Available athletic programs include baseball, basketball, cross-country, football, golf, soccer, softball, tennis, track, and volleyball. Tryout procedures will be conducted in programs where limitations exist concerning safety, equipment, supervision, and facilities.

Credit Type: Physical Education State Credit

Cheer I - 8755

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00013

Course Description:

This course is designed for students selected to perform on junior varsity and varsity cheerleading squads. This class meets during the school day and consists of conditioning activities, skill development in several cheerleading and gymnastics techniques, and specific preparation for game and competition performances.

Credit Type: Physical Education State Credit

Cheer II-IV - 8698

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	84200006, 84200007,84200008

Course Description:

This course is designed for students selected to perform on junior varsity and varsity cheerleading squads. This class meets during the school day and consists of conditioning activities, skill development in several cheerleading and gymnastics techniques, and specific preparation for game and competition performances. This course does not count toward graduation.

Credit Type: Local Credit

Adventure/Outdoor Education - 8499

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	PES00055

Course Description:

Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The student learns the relationship between physical activity and health throughout life.

Credit Type: Physical Education State Credit

Athletic Training - 8962

Prerequisite

Completed application and Athletic Trainer's Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00000

Course Description:

This course/ program is designed to acquaint the student with the many different aspects of sports medicine and athletic training. The focus of the program is for the student to become proficient in first aid, recognition, treatment, and rehabilitation of

sports-related injuries. The student will develop self-esteem, time management skills, responsibility, work ethics, and enhanced personal growth. Students will perform designated duties in the training room and at practices and games. The time required for after-school duties can vary from 10-25 hours per week. Students must go through the application process for this class.

Credit Type: Physical Education State Credit

Fine Arts

Art I - 8736

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3500100

Course Description:

Art I is a basic art course that provides a background in the elements and principles of art and design. Projects include drawing, painting, printmaking, and sculpture. Students explore various art media, materials, and techniques, leading to the creation of portfolio quality work. Art I will meet the prerequisite for any other beginning art class.

Credit Type: Fine Arts State Credit

Art II - Drawing I - 8740

Prerequisite

Art I

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3500200

Course Description:

Art II Drawing develops drawing techniques such as sketching, rendering, contour, gesture, and perspective drawing. Students will use an assortment of media such as pencil, charcoal, pastel, and ink. Students in Drawing I engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production leading to the creation of a portfolio.

Credit Type: Fine Arts State Credit

Art III - Drawing II - 8741

Prerequisite

Art II Intro to Drawing/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3500300

Course Description:

This course will continue the study of drawing and allow the student to build on the technical and creative skills they began in Drawing I. Students will be encouraged to develop personal styles and to evaluate their own work more critically. Drawings by major artists both past and present will be analyzed for a greater understanding of composition, techniques, and personal expressions. Students are expected to develop a portfolio of artworks.

Credit Type: Fine Arts State Credit

Art IV - Drawing III -744

Prerequisite

Art III Intermediate Drawing/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3500400

Course Description:

Students at this level may choose areas of personal interest, in which they desire to work in-depth, including drawing media, subject matter and technique. Drawing by major masters both past and present will continue to be analyzed for a greater understanding of composition, technique, and personal expression. Students will continue to develop personal art portfolios.

Credit Type: Fine Arts State Credit

Dance I (Non-drill team) - 8742

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00014

Course Description:

Students explore fundamental aspects of dance through basic technical dance applications in several dance styles, including ballet, tap, modern, jazz, and ethnic dance. Students will learn to incorporate appropriate movement/dance vocabulary when identifying qualities and discussing the meaning of performance and production in dance. Students will identify historical figures and their significance in dance history

Credit Type: Fine Arts State Credit or Physical Education State Credit with Physical Education waiver.

Dance II (Non-drill team) - 8750

Prerequisite

Dance I or Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3830200

Course Description:

Dance II emphasizes beginner dance technique, routines, and performance. Students will learn and improve and increase flexibility, stamina, and physical fitness while learning new dance terms. Students will practice an effective warm-up, using elements of proper conditioning, and perform memorized movement combinations with rhythmic accuracy in several dance styles.

Credit Type: Fine Arts State Credit ONLY

Dance III (Non-drill team) - 8751

Prerequisite

Dance I, II, or Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3830300

Course Description:

Dance II emphasizes beginner dance technique, routines, and performance. Students will learn and improve and increase flexibility, stamina, and physical fitness while learning new dance terms. Students will practice an effective warm-up, using elements of proper conditioning, and perform memorized movement combinations with rhythmic accuracy in several dance styles.

Credit Type: Fine Arts State Credit ONLY

Dance IV (Non-drill team) - 8754

Prerequisite

Dance I, II, III, or Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
12	1	Year	3830400

Course Description:

Dance II emphasizes beginner dance technique, routines, and performance. Students will learn and improve and increase flexibility, stamina, and physical fitness while learning new dance terms. Students will practice an effective warm-up, using elements of proper conditioning, and perform memorized movement combinations with rhythmic accuracy in several dance styles.

Credit Type: Fine Arts State Credit ONLY

Dance Wellness I- New

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3834100

Course Description:

Students explore fundamental aspects of dance through basic technical dance applications in several dance styles, including ballet, tap, modern, jazz, and ethnic dance. Students will learn to incorporate appropriate movement/dance vocabulary when identifying qualities and discussing the meaning of performance and production in dance. Students will identify historical figures and their significance in dance history

Credit Type: Fine Arts State Credit or Physical Education State Credit with Physical Education waiver.

Dance Team I - 8753

Prerequisite

Admissions Committee Approval and Participation In Drill Team

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00014

Course Description:

Placement of students in the Drill Team is determined by various criteria including a tryout. Dance teams generally practice eight hours per week before school from Monday to Friday. The drill team performs at all varsity football games including playoff games, contests, and produces a spring show. Other performance opportunities are determined by the director.

Credit Type: Physical Education Credit with Physical Education Waiver.

Dance Team II - 8747

Prerequisite

Admissions Committee Approval and Participation In Drill Team

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3830200

Course Description:

Placement of students in the Drill Team is determined by various criteria including a tryout. Dance teams generally practice eight hours per week before school from Monday to Friday. The drill team performs at all varsity football games including playoff games, contests, and produces a spring show. Other performance opportunities are determined by the director.

Credit Type: Fine Arts Credit

Dance Team III - 8748

Prerequisite

Admissions Committee Approval and Participation In Drill Team

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3830300

Course Description:

Placement of students in the Drill Team is determined by various criteria including a tryout. Dance teams generally practice eight hours per week before school from Monday to Friday. The drill team performs at all varsity football games including playoff games, contests, and produces a spring show. Other performance opportunities are determined by the director.

Credit Type: Fine Arts Credit

Dance Team IV - 8754

Prerequisite

Admissions Committee Approval and Participation In Drill Team

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3830400

Course Description:

Placement of students in the Drill Team is determined by various criteria including a tryout. Dance teams generally practice eight hours per week before school from Monday to Friday. The drill team performs at all varsity football games including playoff games, contests, and produces a spring show. Other performance opportunities are determined by the director.

Credit Type: Fine Arts Credit

Jazz Band I - 8733

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3151300

Course Description:

Jazz Band is a high-level performance-based course that is available to all students concurrently enrolled in Band who wish to pursue an advanced level of independent study in music performance.

Credit Type: Fine Arts State Credit

Jazz Band II - 8734

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3151400

Course Description:

Jazz Band is a high-level performance-based course that is available to all students concurrently enrolled in Band who wish to pursue an advanced level of independent study in music performance.

Credit Type: Fine Arts State Credit

Jazz Band III - 8735

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3151500

Course Description:

Jazz Band is a high-level performance-based course that is available to all students concurrently enrolled in Band who wish to pursue an advanced level of independent study in music performance.

Credit Type: Fine Arts State Credit

Jazz Band IV - 0874

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3151600

Course Description:

Jazz Band is a high-level performance-based course that is available to all students concurrently enrolled in Band who wish to pursue an advanced level of independent study in music performance.

Credit Type: Fine Arts State Credit

Marching Band I - 8655

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00012

Course Description:

During the fall semester, the Royal Braves Band prepares for football half-time performances and the UIL Marching Contest.

During the spring semester, band students prepare for All-Region and All-State tryouts, solo and ensemble competition, and UIL Concert Contest. Band students are required to attend summer band practices during the month of August.

Credit Type: Physical Education State Credit

Band II - 8730

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3150200

Course Description:

See course description for Band I

Credit Type: Fine Arts State Credit

Band III - 8731

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3150300

Course Description:

See course description for Band I

Credit Type: Fine Arts State Credit

Band IV - 8732

Prerequisite

Teacher Approval

Grade Level	Credit	Term	PEIMS:
12	1	Year	3150400

Course Description:

See course description for Band I

Credit Type: Fine Arts State Credit

Dual Credit Music Appreciation - 8728

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
11-12	1	Semester	3152900

Course Description:

A nontechnical course designed to provide the layperson with the understanding necessary for greater enjoyment of music – MUSI 1306.

Credit Type: Fine Arts State Credit

This course is weighted in the GPA. Dual Credit Student/Parent Contract must be submitted along with course registration.

Choir I – IV - 8761-8764

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3150900

Course Description:

This is a year-long course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students in Choir are expected to participate in one evening concert each quarter as a major part of their grade.

Credit Type: Fine Arts State Credit

Theatre Arts I - 77717

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3250100

Course Description:

This course offers students a foundation in theatre history and performance, regular emphasis on vocal and physical communication skills, improvisation, memorization, and performance. Other units include Shakespeare, Commedia dell'Arte, Technical Theatre Overview, and Playwriting.

Credit Type: Fine Arts State Credit

Theatre Arts II - 77718

Prerequisite

Theatre I/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3250200

Course Description:

This course is a deeper study of theatre, emphasizing communication and performance skills. Acting concepts and theories will be applied to in-class performances. Playwriting, Human Video, and performance opportunities will be offered.

Credit Type: Fine Arts State Credit

Theatre Arts III - 77719

Prerequisite

Theatre I & II/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3250300

Course Description:

This course is designed for students with a serious interest in acting and performance. Students are expected to participate in rehearsals and performances of all department productions, taking a leadership role in each area. Acting refinement, technical theatre involvement, and oversight of Front of House management will be emphasized.

Credit Type: Fine Arts State Credit

Theatre Arts IV - 77720

Prerequisite

Theatre I, II, & III/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3250400

Course Description:

See Theatre Arts III description.

Credit Type: Fine Arts State Credit

Technical Theatre I - 77724

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3250500

Course Description:

This class includes safety, operation of lights, sound, set design, as well as learning essential knowledge of stage management. Design projects include the creative use of props, costumes, make-up, scenery, lighting, and sound. This course also covers the responsibilities of the technical crew and available careers in theatre production. Students are expected to take an active role during and after school hours to support the running show.

Credit Type: Fine Arts State Credit

Technical Theatre II - 77721

Prerequisite

Technical Theatre I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3250600

Course Description:

See course description for Technical Theatre I.

Credit Type: Fine Arts State Credit

Technical Theatre III - 77722

Prerequisite

Technical Theatre II

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3251100

Course Description:

See course description for Technical Theatre I.

Credit Type: Fine Arts State Credit

Technical Theatre IV - 77723

Prerequisite

Technical Theatre III

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3251200

Course Description:

See course description for Technical Theatre I.

Credit Type: Fine Arts State Credit

Electives

Health - 8500

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	3810100

Course Description:

Provides students with an introduction to health facts which develop proper attitudes, establish practices and habits that will contribute to personal, family, and community health.

Credit Type: State Elective Credit

Teen Leadership - 1419

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	N1290012

Course Description:

Teen Leadership is a one semester course that teaches key concepts essential for maximum success at the high school level and in life. Study skills will be taught along with how to develop personal goals. Students will learn how to develop relationships, positive self-concept, peer pressure resistance, a positive attitude, work ethic, trust and support. Students will learn to be proactive leaders instead of reactive.

Credit Type: Elective State Credit

Dual Credit Professional Communications - 8273

Prerequisite

Passing Entrance Tests Scores As Determined By Lone Star College/CHS Approval Is Required/See Dual Credit Criteria

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	13009900

Course Description:

This course includes research, composition, organization, analysis, and delivery of speeches for various purposes and occasions. Speech 1315.

Credit Type: Professional Communications Elective Credit

JROTC I - 8455

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	PES00004

Course Description:

(Aerospace Science 100: Aviation History; Leadership Education 100 Traditions, Wellness, and Foundations of Citizenship) AFJROTC provides cadets with tools that will enhance their ability, focus, and drive to handle life's everyday issues. AFJROTC teaches cadets how to become better and more productive citizens, benefiting themselves, and their school, community and family. This course consists of Aerospace Science, and Leadership Education and Wellness. The Aerospace Science 100 portion is a journey into aviation history focusing on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; principles of flight; and a brief astronomy and space exploration history. The Leadership Education 100 portion of the course stresses the heritage, organization and tradition of service programs; the benefits of positive personal behavior; healthy living through physical activity and good nutrition; safe, drug-free decision making; and the importance of citizenship in the U.S. The Drill and Ceremonies course is integrated in this course as part of Leadership Education. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. The Wellness/Physical Fitness portion will incorporate the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual baseline improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate JROTC cadets to lead active health lifestyles beyond the program requirements and into their adult lives.

Credit Type: Elective State Credit and Physical Education Waiver. **This course is part of the Public Service endorsement in ROTC.**

JROTC II - 8456

Prerequisite

JROTC I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3160200

Course Description:

AFJROTC II/III/IV builds on the first-year experience by allowing cadets to be assigned leadership roles within the unit. Cadets learn decision making and the fundamentals of leadership while taking on ever increasing roles of responsibility within the unit. All general information contained in AFJROTC I above also applies to AFJROTC II/III/IV. This course is part of the Public Service endorsement in ROTC.

Credit Type: State Elective Credit and Physical Education Waiver

JROTC III - 8457

Prerequisite

JROTC I, JROTC II

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3160300

Course Description:

See course description for AFJROTC II. This course is part of the Public Service endorsement in ROTC.

Credit Type: State Elective Credit and Physical Education Waiver

JROTC IV - 8458

Prerequisite

JROTC I, II, & III

Grade Level	Credit	Term	PEIMS:
12	1	Year	3160400

Course Description:

Aerospace Science 400 Management of Cadet Corps) Cadets manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making; personal interaction, managerial, and organizational skills. The course consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (20%). The Aerospace Science 400 portion entails management of the cadet corps. Leadership Education 400 introduces cadets to the fundamentals of management. Additionally, 4th year cadets will have the opportunity to lead the cadet corps in drill and ceremony events. The Wellness/Physical Fitness portion will incorporate the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual baseline improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate AFJROTC cadets to lead active health lifestyles beyond the program requirements and into their adult lives. This course is part of the Public Service endorsement in ROTC.

Credit Type: State Elective Credit and Physical Education Waiver

Local Courses

Study Skills – 8757

Prerequisite

Counselor approval

Grade Level	Credit	Term	PEIMS:
09-12	0.5	Semester	85000000

Course Description:

The students will learn how to use the tools offered in the high school to help them succeed in the classroom. They will learn how to study using the following skills: time management, organization, goal setting, making schedules, stress management, critical thinking, memorization, and vocabulary building exercises. They will learn how to participate actively in the classroom using the

following skills: preparing for class, taking notes in lectures, and paying attention to assigned tasks. They will learn how to prepare for tests using test taking strategies, general test preparation, anticipating test content, review tools for tests, and overcoming test anxiety. Credit does not count toward the required graduation credits.

Credit Type: Local Credit

Office Practices - 8756

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
12	0.5-1	Semester/Year	85000005

Course Description:

Students are assigned to aide in general clerical work, filing, errands, etc. for the discipline center; the receptionist and the principal's/asst. principals' offices, counselors office and library. Credit does not count toward the required graduation credits.

Credit Type: Local Credit

School to College

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	.5	Fall or Spring	N1130029

Course Description:

School to College is an in-depth course on postsecondary readiness to develop knowledge and skills in four areas: 1. Career Planning. Students identify interests and strengths before mapping them to potential careers. Students explore macroeconomic indicators to research in-demand occupations and industries that are upward-trending. 2. Postsecondary Institution Analysis. Students evaluate the best institution type (Vocational School, 2-year or 4-year College) which meets their career goals. 3. Financial Planning and Literacy. With costs and student debt on the rise to earn certificates or degrees, students calculate returns on postsecondary investment, including analyzing costs of attendance, grants, scholarships, work study, loans, graduation rates, postsecondary earnings, and loan repayment strategies to optimize decision making. 4. Outcome-based Post Secondary Institution Selection. Students quantitatively evaluate postsecondary options by comparing the Return on Investment (ROI) with that of a high school graduate who chooses not to pursue postsecondary education.

Credit Type: Local Credit

Student to Industry Connection-

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
11-1	1	Year	N1270154

Course Description:

The Student to Industry Connection course provides students with the opportunity to develop professional relationships with experienced individuals within the student's chosen program of study and to demonstrate necessary skills for an online virtual workplace. Students will learn acceptable virtual etiquette and professionalism for a teleworking environment. The central focus of this course is to prepare students to be 21st century career ready through interaction with a seasoned workplace mentor. The course may include a work-based learning component. Instruction will support students with marketable skills attainment. The course is recommended for students 16 years of age or older.

Credit Type: Local Credit

College Transition-

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	N1290050

Course Description:

College Transition is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners, both in high school and in college. Students examine numerous research based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note taking, active reading, test-taking strategies, and conducting research. In the College Transition course, students will research financial scholarships and grant opportunities, complete applications, and explore technical schools, colleges, and universities. With the increased emphasis on career and college readiness and post-secondary education, students need a course that will provide opportunities to meet these post-secondary opportunities in grades 9-12.

Students entering both high school and college need specific instruction in time management, organization, study skills, and motivation. They also need a structured introduction to the importance of a college education as well as the options available in high school and beyond. It is essential that students have the format and guidance early in their high school careers that enable them to identify their own skill sets and interests to establish their individual goals.

Credit Type: Local Credit

Peer Assistance for Students with Disabilities I-

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	.5	Fall	N1290203

Course Description:

Peer Assistance for Students with Disabilities I is designed to promote an inclusive educational environment for students receiving special education services. This course provides peer assistants the opportunity to understand the different disabilities of the students, develop leadership skills to aid the learners and work on communication skills between the peer assistant and the learners. Peer assistants obtain initial training in confidentiality, cueing, prompting, and positive reinforcement to be used with their students. Peer assistants aid the teacher inside the special education setting by modeling appropriate learning behaviors, assisting with hands-on learning activities, and developing activities to facilitate inclusion within the classroom. The goal is to create a relationship among age-appropriate peers of different abilities, both socially and academically, that will last long beyond the classroom time.

Credit Type: Local Credit

Peer Assistance for Students with Disabilities II-

Prerequisite

Grade Level

9-12

Credit

.5

Term

Spring

PEIMS:

N1290204

Course Description:

Peer Assistance for Students with Disabilities I is designed to promote an inclusive educational environment for students receiving special education services. This course provides peer assistants the opportunity to understand the different disabilities of the students, develop leadership skills to aid the learners and work on communication skills between the peer assistant and the learners. Peer assistants obtain initial training in confidentiality, cueing, prompting, and positive reinforcement to be used with their students. Peer assistants aid the teacher inside the special education setting by modeling appropriate learning behaviors, assisting with hands-on learning activities, and developing activities to facilitate inclusion within the classroom. The goal is to create a relationship among age-appropriate peers of different abilities, both socially and academically, that will last long beyond the classroom time.

Credit Type: Local Credit

Making Connections I

Prerequisite

None

Grade Level

9-12

Credit

.5

Term

Fall

PEIMS:

N1290332

Course Description:

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome. Making Connections I assists the students in developing an understanding of autism and other related disorders. The course also assists the students in developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome.

Credit Type: Local Credit

Making Connections II

Prerequisite

None

Grade Level

9-12

Credit

.5

Term

Spring

PEIMS:

N1290333

Course Description:

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcomes

Credit Type: Local Credit

Making Connections III

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	.5	Fall	N1290334

Course Description:

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome. Making Connections III assists students in understanding how their specific disability impacts their learning style. Students learn to employ the proper accommodations and modifications to be more successful. Additionally, they develop the skill to effectively self-advocate for the accommodations and modifications they require.

Credit Type: Local Credit

Making Connections IV

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	.5	Spring	N1290334

Course Description:

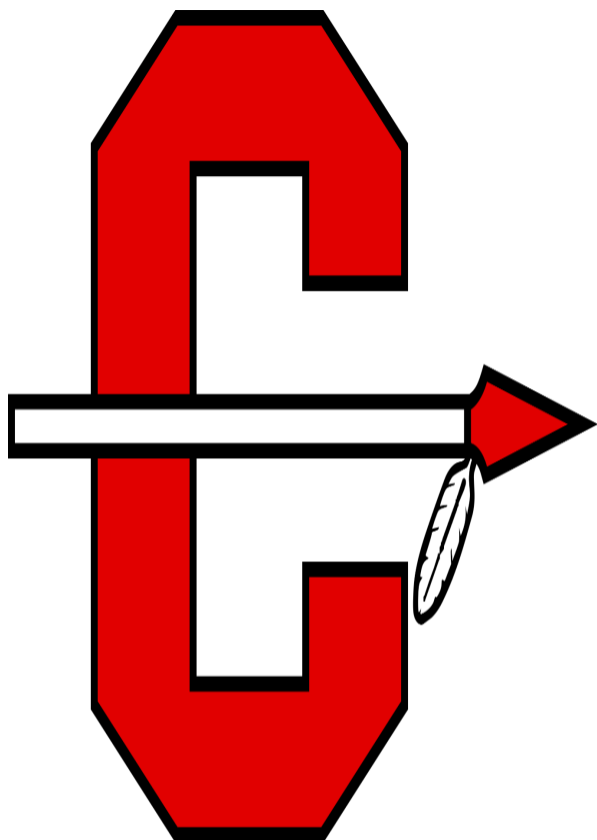
The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome. Making Connections IV assists students with developing skills to employ collaborative problem solving.

Credit Type: Local Credit

CAREER AND TECHNICAL EDUCATION

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Animal Science



Level 1

Principles of Agriculture, Food, and Natural Resources

Level 2

Small Animal Management

Equine Science

Level 3

Livestock Production

Level 4

Veterinary Medical Applications

Practicum of Agriculture, Food, and Natural Resources

Certifications

Certified Veterinary Assistant

OSHA 30 Hour General

Animal Science Course Descriptions

Principles of Agriculture, Food & Natural Resources - 8547

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13000200

Course Description:

Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes an overview of soil and plants, animals, and agricultural construction. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Small Animal Management - 8789

Prerequisite

Principles of Agriculture, Food, and Natural Resources

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13000400

Course Description:

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Equine Science - 8790

Prerequisite

Principles of Agriculture

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13000500

Course Description:

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Livestock Productions - 8605

Prerequisite

Principles of Agriculture

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13000300

Course Description:

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for those that have an interest in the Veterinary Science field. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Veterinary Medical Applications - 7774

Prerequisite

Principles of Agriculture, Equine Science, and Small Animal, or Livestock Production

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13000600

Course Description:

This course is designed to prepare students for careers in the field of animal science related to both large and small animal care. Topics covered in the course include, but are not limited to, veterinary practices as they relate to both large and small animal species. Students will learn veterinary terminology, equipment and procedures used in today's veterinary clinics, as well as safety practices and the importance of cleanliness in clinics. Students will also become familiar with how to handle and restrain animals properly. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Practicum in Agriculture Food & Natural Resources - 8620

Prerequisite

Principles of Agriculture, and one additional Agriculture class.

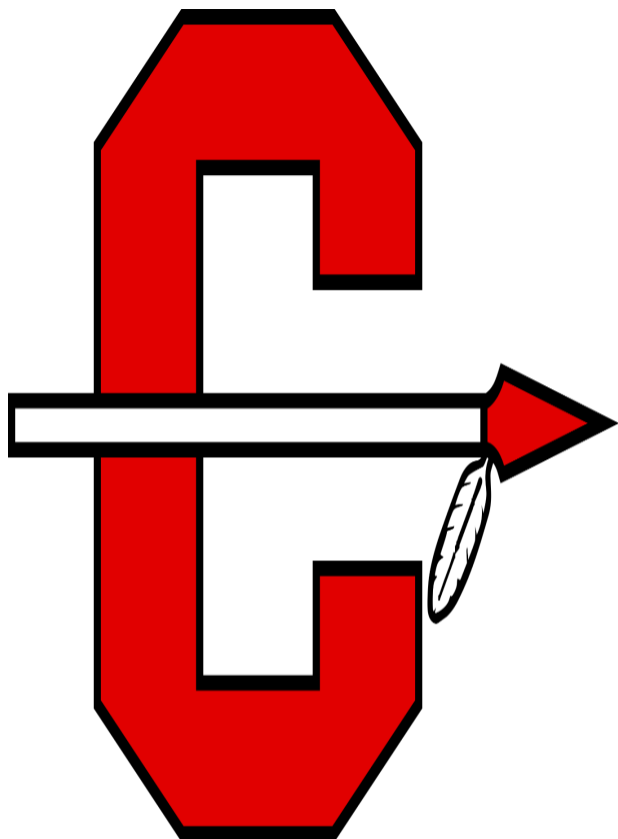
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13002500

Course Description:

The goal of this class is to prepare students with a variety of skills for a fast-changing workplace. Students are taught various employability skills including job-specific skills applicable to their training station; job interview techniques, communication skills, financial and budget activities; human relations and portfolio development. Problem-solving skills, higher-level thinking and work application techniques are enhanced throughout this course format. Enrichment activities include special projects, guest speakers and career-related field trips. Students are required to work a minimum of 15 hours per week, with 10 of those hours worked Monday-Friday. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Applied Agricultural Engineering



Level 1

Principles of Agriculture, Food, and Natural Resources

Level 2

Agricultural Mechanics and Metal Technologies

Level 3

Agricultural Structures Design and Fabrications

Level 4

Practicum of Agriculture, Food, and Natural Resources

Certifications

AWS D1.1 or D9.1

OSHA 30 Hour General

Applied Agricultural Engineering Course Descriptions

Principles of Agriculture, Food & Natural Resources - 8547

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13000200

Course Description:

Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes an overview of soil and plants, animals, and agricultural construction. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Agricultural Mechanics & Metal Technologies - 8617

Prerequisite

Principles of Agriculture

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13002200

Course Description:

This is a basic introductory course that is designed to develop student's skills in the agriculture mechanics shop. This course involves both classroom instruction and hands-on practice. Topics to be covered in this course include, but are not limited to, tool operation; electrical wiring; plumbing; carpentry; fencing; concrete; welding and oxy acetylene cutting. Students will be required to learn shop safety before working in a laboratory setting. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Agricultural Structures Design and Fabrications

Prerequisite

Principles of Agriculture, AG Mechanics & Metal Technologies

Grade Level	Credit	Term	PEIMS:
10-12	2	Year	13002300

Course 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. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Practicum in Agriculture Food & Natural Resources - 8620

Prerequisite

Principles of Agriculture, and one additional Agriculture class.

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13002500

Course Description:

The goal of this class is to prepare students with a variety of skills for a fast-changing workplace. Students are taught various employability skills including job-specific skills applicable to their training station; job interview techniques, communication skills, financial and budget activities; human relations and portfolio development. Problem-solving skills, higher-level thinking and work application techniques are enhanced throughout this course format. Enrichment activities include special projects, guest speakers and career-related field trips. Students are required to work a minimum of 15 hours per week, with 10 of those hours worked Monday-Friday. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Environmental and Natural Resources -NEW

Level 1

Principles of Agriculture, Food, and Natural Resources

Level 2

Wildlife, Fisheries, and Ecology Management

Level 3

Range Ecology Management

Level 4

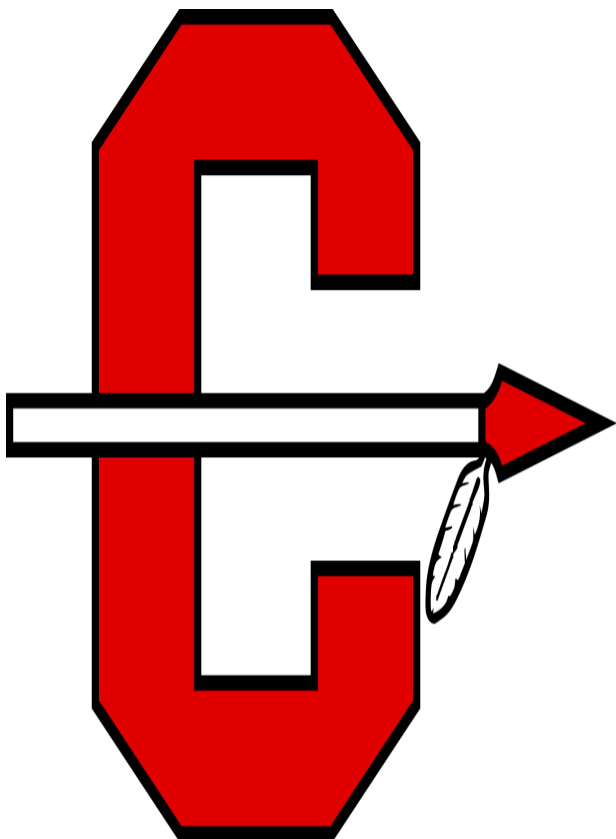
Practicum of Agriculture, Food, and Natural Resources

Certifications

Wastewater Collections, Class 1

Water Operators, Class D

OSHA Hazardous Waste Operations and Emergency Response



Environmental and Natural Resources Course Descriptions

Principles of Agriculture, Food & Natural Resources - 8547

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13000200

Course Description: Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes an overview of soil and plants, animals, and agricultural construction. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Wildlife, Fisheries, and Ecology Management-New

Prerequisite

Principles of Agriculture

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13001500

Course Description: Wildlife, Fisheries, and Ecology Management examines the management of game and nongame wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. To prepare for careers in natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, 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 in a variety of settings.

Credit Type: Elective State Credit

Range Ecology and Management-New

Prerequisite

Wildlife, Fisheries, and Ecology Management

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13001600

Course Description: Range Ecology and Management is designed to develop students' understanding of rangeland ecosystems and sustainable forage production. To prepare for careers in environmental and natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to environmental and natural resources, 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 in a variety of settings.

Credit Type: Elective State Credit

Practicum in Agriculture Food & Natural Resources - 8620

Prerequisite

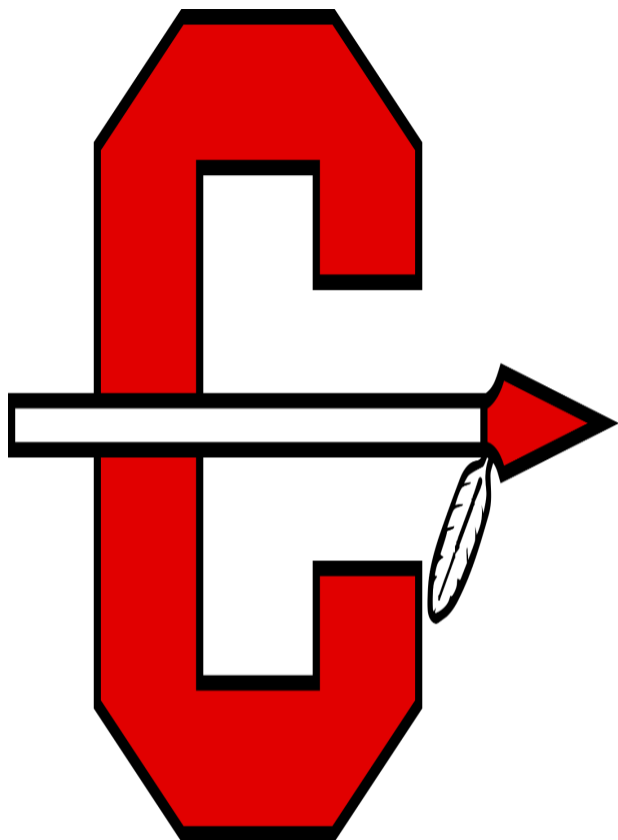
Principles of Agriculture, and one additional Agriculture class.

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13002500

Course Description: The goal of this class is to prepare students with a variety of skills for a fast-changing workplace. Students are taught various employability skills including job-specific skills applicable to their training station; job interview techniques, communication skills, financial and budget activities; human relations and portfolio development. Problem-solving skills, higher-level thinking and work application techniques are enhanced throughout this course format. Enrichment activities include special projects, guest speakers and career-related field trips. Students are required to work a minimum of 15 hours per week, with 10 of those hours worked Monday-Friday. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Plant Science

**Level 1**

Principles of Agriculture, Food, and Natural Resources

Level 2

Landscape Design and Management

Turf Grass Management

Level 3

Floral Design

Horticultural Science

Greenhouse Operation and Production

Level 4

Advanced Floral Design

Advanced Plant and Soil Science

Practicum of Agriculture, Food, and Natural Resources

Certifications

Texas State Floral Association Knowledge Based Certification

Texas State Floral Association Level One Floral Certification

Texas State Floral Association Level Two Floral Certification

Plant Science Course Descriptions

Principles of Agriculture, Food & Natural Resources - 8547

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13000200

Course Description:

Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes an overview of soil and plants, animals, and agricultural construction. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Landscape Design and Management- 8610

Prerequisite

Principles of Agriculture, Horticultural Science

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Year	13001900

Course Description:

To prepare students for careers in horticultural systems, this course offers the academic knowledge and skills they will need regarding horticulture, the workplace, career opportunities, entry requirements and industry expectations. To prepare for success, students will reinforce, apply and transfer their academic knowledge and technical skills to a variety of settings. Students will also develop an understanding of landscape and turfgrass management techniques and practices. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Turf Grass Management - 8611

Prerequisite

Principles of Agriculture, Horticultural Science

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Year	13001950

Course Description:

To prepare students for careers in horticultural systems, this course offers the academic knowledge and skills they will need regarding horticulture, the workplace, career opportunities, entry requirements and industry expectations. To prepare for success, students will reinforce, apply and transfer their academic knowledge and technical skills to a variety of settings. Students will also develop an understanding of landscape and turfgrass management techniques and practices. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Greenhouse Operation and Production-New

Prerequisite

Principles of Agriculture, Horticultural Science

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13002050

Course Description:

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Credit Type: Elective State Credit

Floral Design - 8608

Prerequisite

Principles of Agriculture recommended

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13001800

Course Description:

This course will allow students to develop the ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Fine Arts State Credit or Elective State Credit

Horticultural Science - 410213

Prerequisite

Principles of Agriculture

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13002000

Course Description:

Focuses on the identification, production and care of plants. The students will study propagation, fertilizing, transplanting, and growing various plants. Students will also investigate the various career pathways within the horticulture industry. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Advanced Plant & Soil Science - 5124

Prerequisite

Principles of Agriculture, Horticultural Science

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13002100

Course Description:

Students will investigate the importance of plant and soil science and its relationship affecting the production of food and fiber industry. Students will assess the plant ecosystem, erosion processes, petroleum energy, crop production, and genetically engineered plants and their importance to solving world hunger. This course is part of the Agriculture, Food, and Natural Resources statewide program. **Credit Type:** Science State Credit or Elective State Credit

This course does not receive advanced weighting.

Advanced Floral Design -8685

Prerequisite

Floral Design

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	N1300270

Course Description:

This course will allow students to advance techniques learned in floral design. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Fine Arts State Credit or Elective State Credit

Practicum in Agriculture Food & Natural Resources - 8620

Prerequisite

Principles of Agriculture, and one additional Agriculture class.

Grade Level

11-12

Credit

2

Term

Year

PEIMS:

13002500

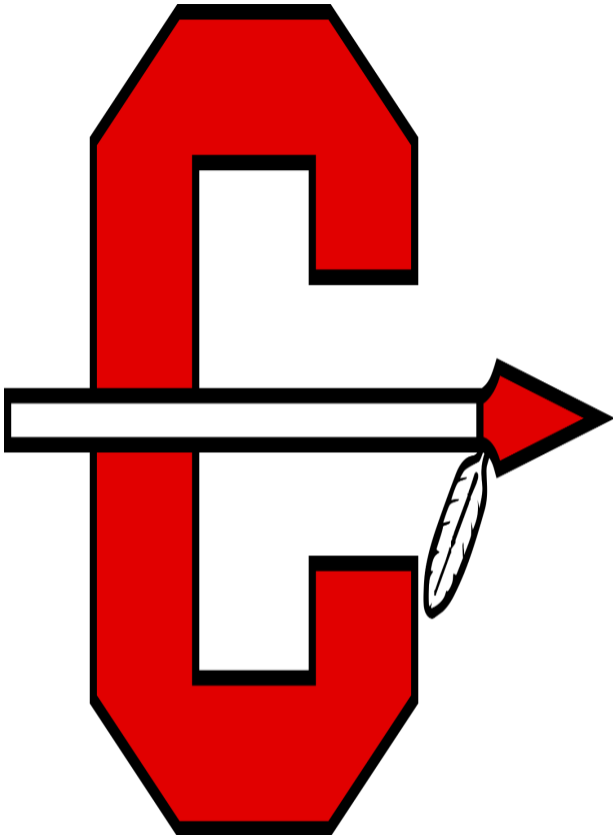
Course Description:

The goal of this class is to prepare students with a variety of skills for a fast-changing workplace. Students are taught various employability skills including job-specific skills applicable to their training station; job interview techniques, communication skills, financial and budget activities; human relations and portfolio development. Problem-solving skills, higher-level thinking and work application techniques are enhanced throughout this course format. Enrichment activities include special projects, guest speakers and career-related field trips. Students are required to work a minimum of 15 hours per week, with 10 of those hours worked Monday-Friday. This course is part of the Agriculture, Food, and Natural Resources statewide program.

Credit Type: Elective State Credit

Architecture and Construction

Architectural Design



Level 1

Principles of Architecture

Level 2

Architectural Design I

Level 3

Architectural Design II

Level 4

Practicum in Architectural Design

Career Preparation I

Certifications

User in AutoCAD

User in AutoCAD Civil 3D

Architectural Course Descriptions

Principles of Architecture - New

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13004210

Course Description: Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction management. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to set and achieve realistic career and educational goals. Job Specific training can be provided through training modules that identify career goals in trade and industry areas. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings.

Credit Type: Elective State Credit

Architectural Design I- New

Prerequisite

Principles of Architecture, Algebra I, English I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13004600

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

Credit Type: Elective State Credit

Architectural Design II- New

Prerequisite

Architectural Design I

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13004700

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

Credit Type: Elective State Credit

Practicum in Architectural Design- New

Prerequisite

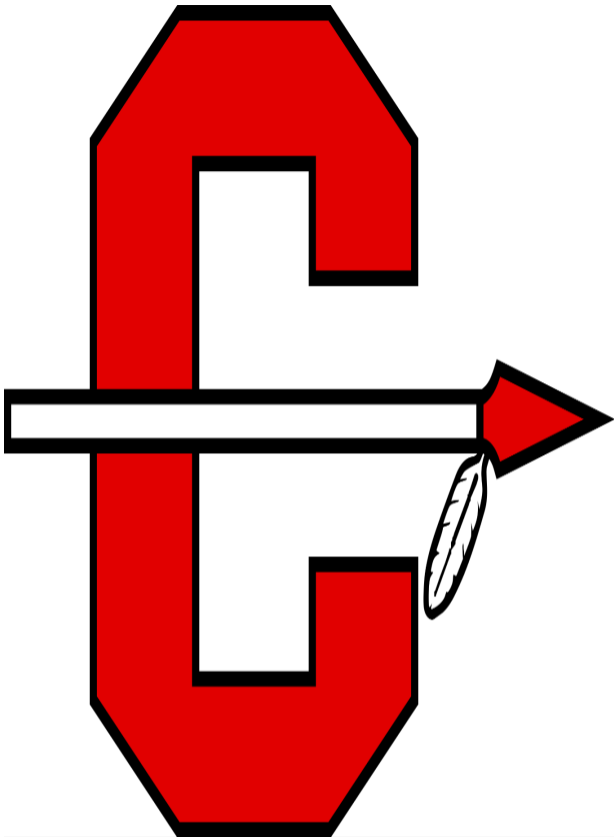
Architectural Design II

Grade Level	Credit	Term	PEIMS:
12	2	Year	13004800

Course Description: Practicum in Architectural Design is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

Credit Type: Elective State Credit

Carpentry



Level 1

Principles of Construction

Level 2

Construction Technology I

Level 3

Construction Technology II
Mill & Cabinetmaking Technology

Level 4

Practicum in Construction Technology
Career Preparation I

Certifications

NCCER Carpentry, Level 1 & 2
OSHA 30 Hour General
NCCER Core

Carpentry Course Descriptions

Principles of Construction - 8658

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13004220

Course Description:

Principles of Construction is intended to provide an introduction to lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course is part of the Architecture and Construction statewide program.

Credit Type: Elective State Credit

Construction Technology I - 8651

Prerequisite

Principles of Construction

Grade Level	Credit	Term	PEIMS:
10-12	2	Year	13005100

Course Description:

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. This course is part of the Architecture and Construction statewide program.

Credit Type: Elective State Credit

Construction Technology II - 8652

Prerequisite

Principles of Construction, Construction Technology I

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13005200

Course Description:

In Construction Technology II, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. This course is part of the Architecture and Construction statewide program.

Credit Type: Elective State Credit

Mill & Cabinetmaking - 8650

Prerequisite

Principles of Construction, Construction Technology I

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13005300

Course Description:

This course will help students gain knowledge and skills needed to enter the workforce in the area of millwork and cabinet manufacturing and installation. Students may also apply these skills to professions in carpentry or building maintenance supervision or use the skills as a foundation for a postsecondary degree in construction management, architecture, or engineering. This course is part of the Architecture and Construction statewide program.

Credit Type: Elective State Credit

Practicum Construction Tech - 8653

Prerequisite

Principles of Construction, Construction Technology I, Construction Technology II or Mill & Cabinetmaking

Grade Level

12

Credit

2

Term

Year

PEIMS:

13005250

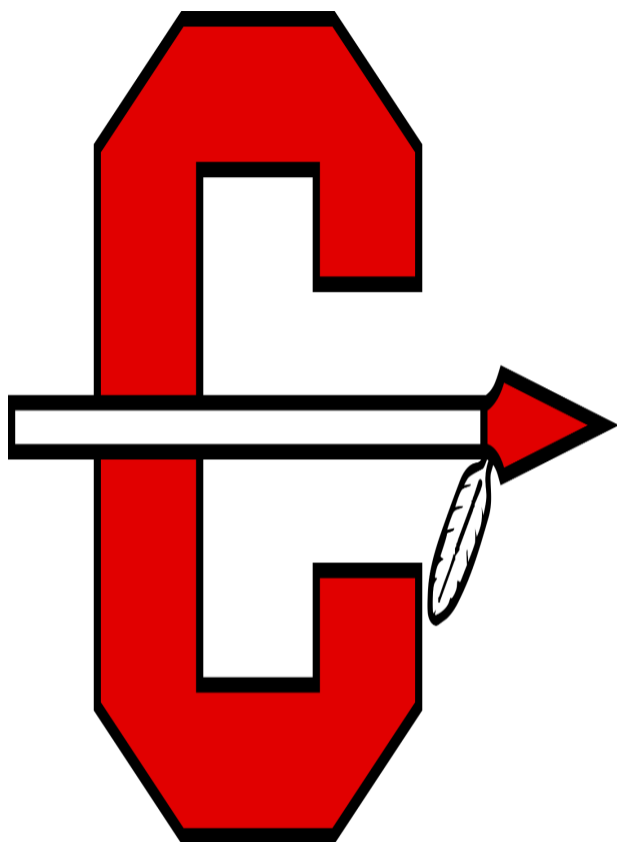
Course Description:

In Construction Technology, students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance or prepare for a post-secondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes and framing. Practical skills are taught in the lab. Students also have the opportunity for NCCER certification as a Carpenter Level II. This course is part of the Architecture and Construction statewide program.

Credit Type: Elective State Credit

Manufacturing

Advanced Manufacturing and Machinery Mechanics



Level 1

Principles of Applied Engineering

Level 2

Robotics I

Manufacturing Engineering Technology I

Level 3

Robotics II

Manufacturing Engineering Technology II

Level 4

Practicum in Manufacturing

Career Preparation I

Certifications

FANUC Robot Operator 1

Mastercam Associate Level Certification

NCCER Industrial Maintenance Mechanic

NIMS Industrial Technology Maintenance

Manufacturing and Machinery Course Descriptions

Principles of Applied Engineering - 4561

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13036200

Course Description:

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

Credit Type: Elective State Credit

Robotics I-4562

Prerequisite

Principles of Applied Engineering

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13037000

Course Description:

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.

Credit Type: Elective State Credit or Math State Credit

Manufacturing Engineering Technology I - 8681

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13032900

Course 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.

Credit Type: Elective State Credit

Robotics II - 4563

Prerequisite

Robotics I

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13037050

Course Description:

Students will explore artificial intelligence and programming in the robotic and automation industry. Through 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. This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Credit Type: Elective State Credit or Math State Credit

Manufacturing Engineering Technology II - New

Prerequisite

Manufacturing Engineering Technology I

Grade Level	Credit	Term	PEIMS:
11- 12	1	Year	13032950

Course Description:

Students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of Manufacturing Engineering Technology II will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Credit Type: Elective State Credit/Math State Credit

Practicum of Manufacturing -

Prerequisite

Manufacturing Engineering Technology II

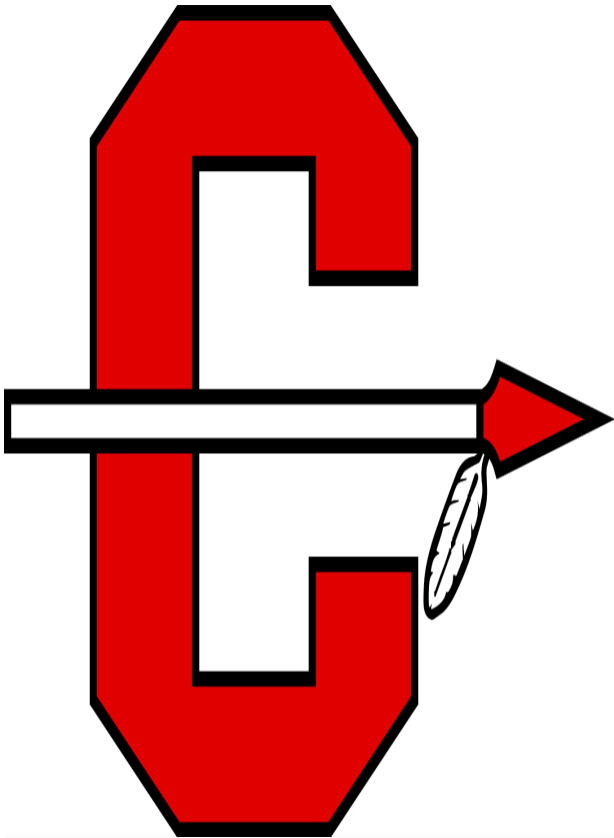
Grade Level	Credit	Term	PEIMS:
12	2	Year	13033000

Course Description:

The practicum course is an opportunity for students to participate in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. This course is part of the Manufacturing statewide program.

Credit Type: Elective State Credit

Welding

**Level 1**

Introduction to Welding

Level 2

Welding I

Level 3

Welding II

Level 4

Practicum in Manufacturing
Career Preparation I

Certifications

AWS Certified Welder
D1.1 Structural Steel
OSHA 30 Hour General

Welding Course Descriptions

Introduction to Welding- 8678

Grade Level	Credit	Term	PEIMS:
9	1	Year	13032250

Course Description:

This Career and Technical course is for students interested in welding as a career. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. This course is part of the Manufacturing statewide program.

Credit Type: Elective State Credit

Welding I - 8602

Prerequisite

Principles of Agriculture, AG Mechanics & Metal Technologies

Grade Level	Credit	Term	PEIMS:
10-12	2	Year	13032300

Course Description:

This Career and Technical course is for students interested in welding as a career. Training for employment with entry-level skills in welding trades will be emphasized. Instruction follows an industry-standard curriculum, and students' certifications are listed in a national registry upon successful completion. Oxy Fuel welding and cutting, plasma arc cutting, shielded metal arc welding, gas metal arc welding, flux cored arc welding, and gas tungsten arc welding will be covered. Hand and power tools, welding on various types of metals, reading blueprint welding symbols, metal characteristics, and equipment setup are other areas that students master. Safety, leadership, entrepreneurship, and career opportunities are included. This course is part of the Manufacturing statewide program.

Credit Type: Elective State Credit

Welding II - 8603

Prerequisite

Principles of Agriculture, AG Mechanics & Metal Technologies, Welding I

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13032400

Course Description:

This Career and Technical course is for students interested in welding as a career. Training for employment with entry-level skills in welding trades will be emphasized. Instruction follows an industry-standard curriculum, and students' certifications are listed in a national registry upon successful completion. Oxy Fuel welding and cutting, plasma arc cutting, shielded metal arc welding, gas metal arc welding, flux cored arc welding, and gas tungsten arc welding will be covered. Hand and power tools, welding on various types of metals, reading blueprint welding symbols, metal characteristics, and equipment setup are other areas that students master. Safety, leadership, entrepreneurship, and career opportunities are included. This course is part of the Manufacturing statewide program..

Credit Type: Elective State Credit

Practicum of Manufacturing -

Prerequisite

Principles of Construction, Construction Technology I, Construction Technology II or Mill & Cabinetmaking

Grade Level

12

Credit

2

Term

Year

PEIMS:

13033000

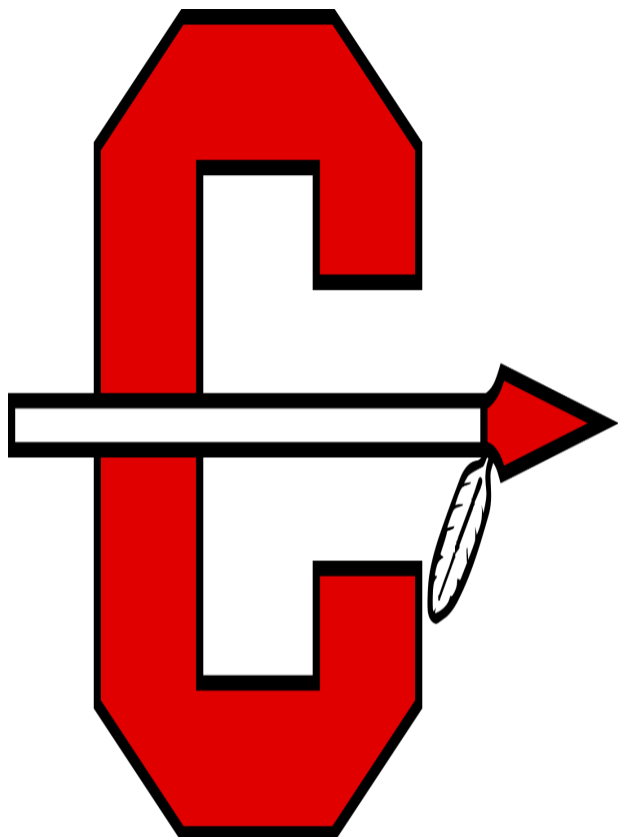
Course Description:

The practicum course is an opportunity for students to participate in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. This course is part of the Manufacturing statewide program.

Credit Type: Elective State Credit

ARTS, AUDIO/VISUAL TECHNOLOGY AND COMMUNICATIONS

Digital Communications



Level 1

Principles of Arts, A/V Technology, and Communication
Professional Communication

Level 2

Audio Video Production I

Level 3

Audio Video Production II

Level 4

Practicum of Audio Video Production

Certifications

Microsoft Office Specialist Word
Microsoft Office Specialist Excel

Digital Communications Course Descriptions

Principles of Arts, A/V Technology & Communication - 8543

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-11	1	Year	13008200

Course Description:

Careers in the Arts, Audio/Video Technology, and Communications career clusters 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. This course is part of the Art, AV Tech & Communications statewide course..

Credit Type: Elective State Credit

Professional Communications - 8237

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	0.5	Semester	13009900

Course Description:

Professional Communications emphasizes the application of communication skills in business, professional, and social settings.

This course includes oral presentations. It concentrates on the communication process, interpersonal communication, and group communication. This course is part of all endorsement areas.

Credit Type: Elective State Credit

Audio Video Production I - 8538

Prerequisite

Principles of Arts, Audio Video Technology & Communications

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13008500

Course Description:

This course will explore the Audio and Video production industry and its post-secondary educational and career opportunities.

Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers.

Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several classes and small group audio, video, and film style production projects with emphasis on live multi-camera video and film style production projects. This course is part of the Art, AV Tech & Communications statewide course..

Credit Type: Elective State Credit

Audio Video Production II - 8541

Prerequisite

Principles of Arts, Audio Video Technology & Communications

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13008600

Course Description:

A/V Production II is the second course in the A/V Production program of study intended to prepare students for a career in audio/visual production. This course is part of the Art, AV Tech & Communications statewide course..

Credit Type: Elective State Credit

Practicum of Audio Video Production I -

Prerequisite

Principles of Construction, Construction Technology I, Construction Technology II or Mill & Cabinetmaking

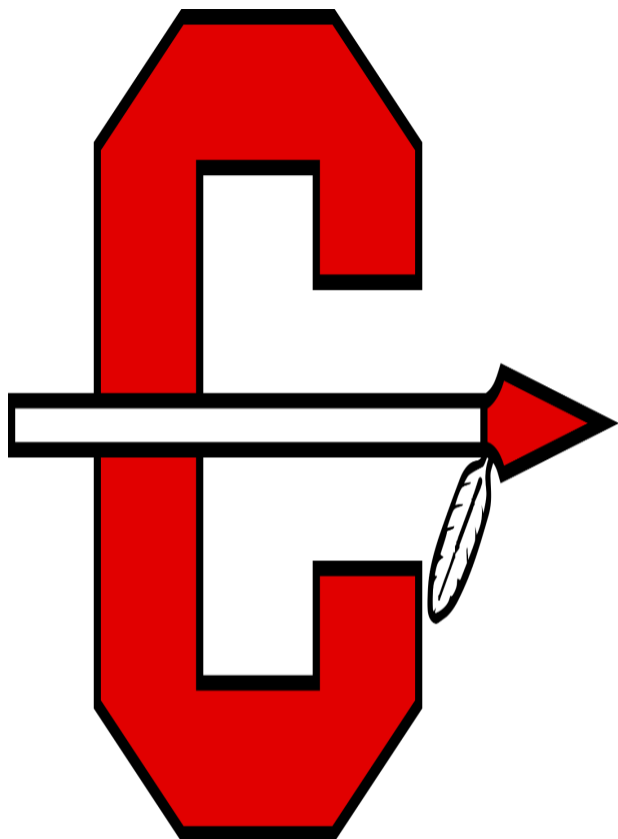
Grade Level	Credit	Term	PEIMS:
12	2	Year	172050

Course Description:

In Construction Technology, students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance or prepare for a post-secondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes and framing. Practical skills are taught in the lab. Students also have the opportunity for NCCER certification as a Carpenter Level II. This course is part of the Business & Industry endorsement in Construction.

Credit Type: Elective State Credit

Design & Multimedia Arts



Level 1

Principles of Arts, A/V Technology, and Communication
Video Game Design

Level 2

Animation I
Graphic Design & Illustration I
Video Game Programming
Commercial Photography I

Level 3

Animation II
Graphic Design & Illustration II
Commercial Photography II
Web Game Development

Level 4

Practicum in Animation
Practicum in Commercial Photography

Certifications

Microsoft Office Specialist Word
Microsoft Office Specialist Excel

Design & Multimedia Arts Course Descriptions

Principles of Arts, A/V Technology & Communication - 8543

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-11	1	Year	13008200

Course Description:

Careers in the Arts, Audio/Video Technology, and Communications career clusters 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. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Animation I - 8540

Prerequisite

Principles of Arts, Audio Video Technology & Communications

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13008300

Course Description:

This course allows students to create 2D animation projects using principles of design to combine graphics, images and sound. A variety of techniques will be explored, including storyboarding, scripting/programming, interactivity, flip books, claymation, and rendering. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Video Game Design - 8670

Prerequisite

Principles of Arts, Audio Video Technology & Communications, Audio Video Production I, Animation I

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13009970

Course Description:

Game Programming and Design is an introductory course to video game programming, level design, and video game art. Students will learn the principles and practice of modeling in polygons, applying textures and materials to those models, and rendering them with appropriate lighting. The models, characters, and images created will be optimized for game engines. Students will add game audio sound effects and music as well as implement game sound mechanics. This course provides a solid foundation in the essentials of game design and the process of creating game assets. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Video Game Programming - New

Prerequisite

Video Game Design

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13008800

Course Description:

This course provides training for entry-level employment in the graphic design field. Instruction includes basic components of graphic design and the development of the creative process from concept to finished product. Students will learn traditional techniques as well as current computer software technologies. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Commercial Photography I- 8553

Prerequisite

Principles of Arts, Audio Video Technology & Communications

Concurrently

Commercial Photography Lab I

Grade Level

10-12

Credit

1

Term

Year

PEIMS:

13009100

Course 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/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Credit Type: Elective State Credit

Graphic Design & Illustration I - 8552

Prerequisite

Principles of Arts, Audio Video Technology & Communications, Audio Video Production I

Grade Level

10-12

Credit

1

Term

Year

PEIMS:

13008800

Course Description:

This course provides training for entry-level employment in the graphic design field. Instruction includes basic components of graphic design and the development of the creative process from concept to finished product. Students will learn traditional techniques as well as current computer software technologies. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Animation II - 8539

Prerequisite

Principles of Arts, Audio Video Technology & Communications, Animation I

Grade Level

11-12

Credit

2

Term

Year

PEIMS:

13008410

Course Description:

This course expands on Animation I to create 3D animation projects using principles of design to combine graphics, images and sound. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Commercial Photography II - 8555

Prerequisite

Commercial Photography I
Commercial Photography I Lab

Concurrently

Commercial Photography Lab II

Grade Level

10-12

Credit

1

Term

Year

PEIMS:

13009200

Course Description:

Commercial photography spans 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/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Credit Type: Elective State Credit

Web Game Development - New

Prerequisite

Video Game Programing

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	3580830

Course Description:

Web Game Development will allow students to demonstrate creative thinking, develop innovative strategies, and use digital and communication tools necessary to develop fully functional online games. Web Game Development has career applications for many aspects of the game industry, including programming, art principles, graphics, web design, storyboarding and scripting, and business and marketing. 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.

Credit Type: Elective State Credit

Practicum in Animation - 8537

Prerequisite

Principles of Arts, Audio-Video Technology & Communications, Animation I, Animation II

Grade Level	Credit	Term	PEIMS:
12	2	Year	13008450

Course Description:

This course expands on Animation I & II to create animation projects using principles of design to combine graphics, images and sound. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Practicum in Commercial Photography - New

Prerequisite

Principles of Arts, Audio-Video Technology & Communications, Commercial Photography I, Commercial Photography II

Grade Level	Credit	Term	PEIMS:
12	2	Year	13008450

Course Description:

This course expands on Animation I & II to create animation projects using principles of design to combine graphics, images and sound. This course is part of the Art, AV Tech & Communications statewide course.

Credit Type: Elective State Credit

Arts, Audio Video Technology, and Communications

Dual Credit Courses

Dual Credit Audio Video Production II - 8541

Prerequisite

Principles of Arts, Audio Video Technology & Communications, Audio Video Production I

Grade Level	Credit	Term	PEIMS:
12	1	Year	13008600

Course Description:

Advanced Audio Video Production is designed and structured to work as an open and largely self-directed course that allows students to expand and deepen the skills they learned in Audio/Video Production I. A wide variety of production projects will be produced during the year. All students will compile a portfolio (video resume) of their work. This is a workforce credit taught in conjunction with Lone Star College-Kingwood. Fall semester will be ARTV 1351 (3hrs) and the Spring semester will be ARTC 1302 (3hrs).

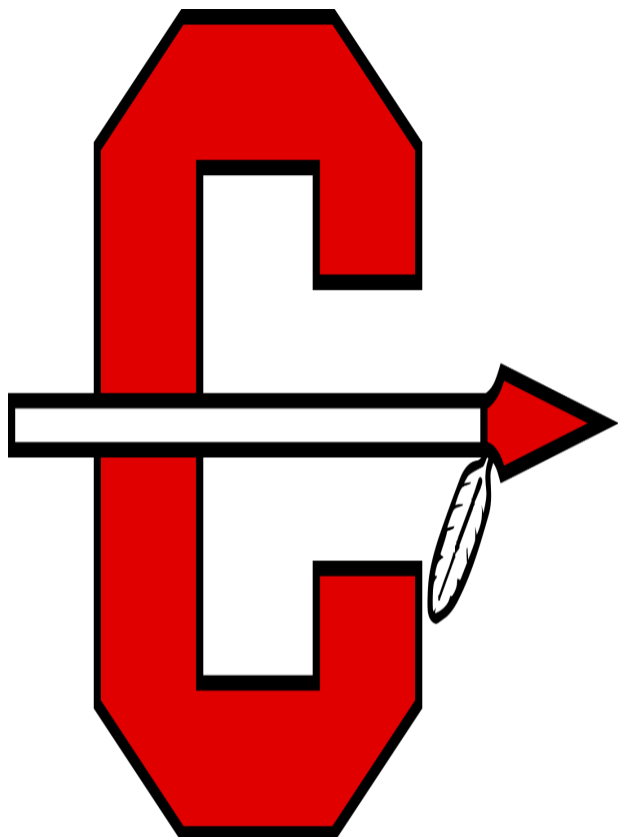
Credit Type: Elective State Credit

This course is part of the Business & Industry endorsement in AV Tech & Communication.

This course is weighted in the GPA.

BUSINESS, MARKETING, AND FINANCE

Accounting & Financial Services



Level 1

Principles of Business, Marketing, & Finance

Money Matters

Business Information Management I

Level 2

Accounting I

Financial Math

Level 3

Accounting II

Level 4

Career Preparation I

Certifications

Microsoft Office Specialist Word

Microsoft Office Specialist Excel

Accounting & Financial Services Course Descriptions

Principles of Business, Marketing & Finance - 8531

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	13011200

Course Description:

Students are introduced to knowledge and skills of economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course is part of the Business, Marketing, and Finance statewide course.

Credit Type: Elective State Credit

Money Matters - 8534

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13016200

Course Description:

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and business. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investments, tax planning, asset allocation, risk management, retirement planning, and estate planning. This course is part of the Business, Marketing, and Finance statewide course.

Credit Type: Elective State Credit

Business Information Management I (BIM I) - 8529

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13011400

Course Description:

Students will create word-processing documents, spreadsheets, graphs, charts, databases and presentations using appropriate software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with the computer skills needed to compete in a technology driven environment as well as a working knowledge about information and business management. This course is part of multiple endorsement areas including the Business, Marketing, and Finance statewide course.

Credit Type: State Elective Credit

Accounting I - 8965

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13016600

Course Description:

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

Credit Type: Elective State Credit

Financial Mathematics - 8967

Prerequisite

Required: Algebra I & Geometry Recommended: Principles of Business, Accounting I, Accounting II

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13018000

Course Description:

This course focuses on planning, services for financial and investment planning, banking, insurance and business financial management. Additional topics include personal money management and personal financial decisions based on current and projected economic factors. This course is part of the Business, Marketing, and Finance statewide course.

Credit Type: Elective State Credit or State Math Credit

Accounting II - 8966

Prerequisite

Principles of Business, Accounting I

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13016700

Course Description:

Students 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 reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit or State Math Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

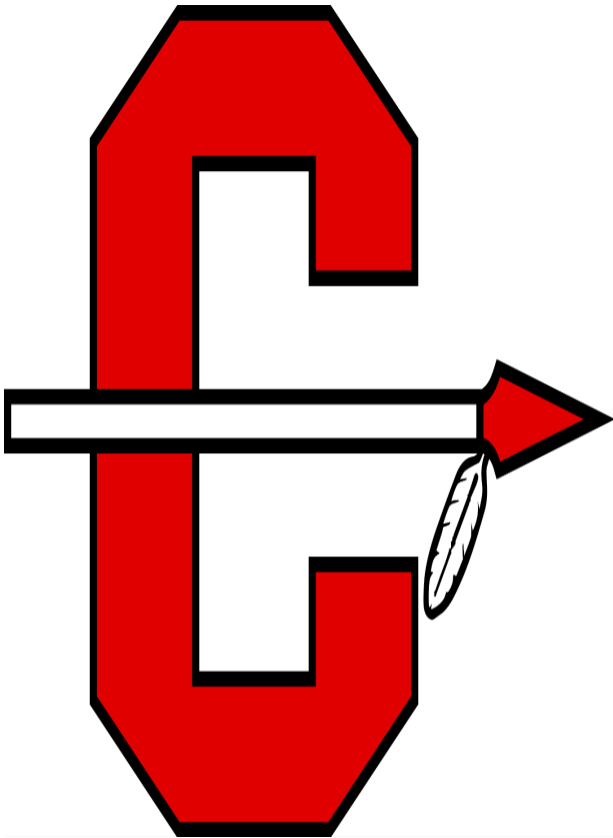
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standing and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Business Management



Level 1

Principles of Business, Marketing, & Finance
Business Information Management I

Level 2

Business Law
Business Information Management II

Level 3

Business Management
Global Business

Level 4

Career Preparation I
Practicum in Business Management

Certifications

Microsoft Office Specialist Word
Microsoft Office Specialist Excel

Business Management Course Descriptions

Principles of Business, Marketing & Finance - 8531

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	13011200

Course Description:

Students are introduced to knowledge and skills of economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Business Information Management I (BIM I) - 8529

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13011400

Course Description:

Students will create word-processing documents, spreadsheets, graphs, charts, databases and presentations using appropriate software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with the computer skills needed to compete in a technology driven environment as well as a working knowledge about information and business management. This course is part of all endorsement areas.

Credit Type: State Elective Credit

Business Law - 8533

Prerequisite

Principles of Business, Business Management

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13011700

Course Description:

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Business Information Management II (BIM II) - 8532

Prerequisite

Principles of Business, Business Information Management I

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13011500

Course Description:

Students will create word-processing documents, spreadsheets, graphs, charts, databases and presentations using appropriate software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with the computer skills needed to compete in a technology driven environment as well as a working knowledge about information and business management. This course is part of Business & Industry, Public Services, STEM, Arts & Humanities & Multidisciplinary.

Credit Type: State Elective Credit

Business Management - 8535

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13012100

Course Description:

Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad range of knowledge that includes legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate management decisions. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Global Business-New

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13011800

Course Description:

Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

Credit Type: Elective State Credit

Practicum in Business Management -New

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13012200

Course 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 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.

Credit Type: Elective State Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

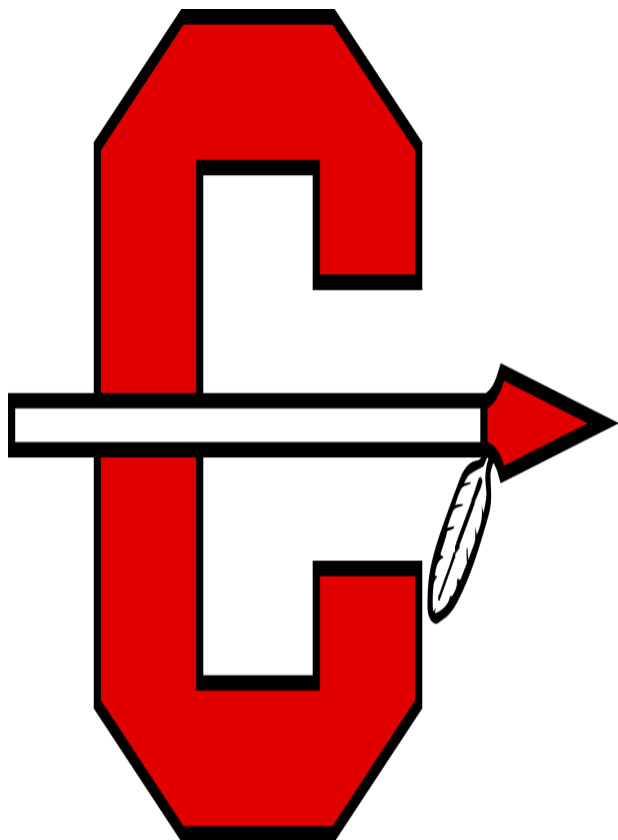
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standing and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Entrepreneurship

**Level 1**

Principles of Business, Marketing, & Finance
Business Information Management I

Level 2

Entrepreneurship

Level 3

Mobile Application Development

Level 4

Career Preparation I
Practicum in Business Management

Certifications

Microsoft Office Specialist Word
Microsoft Office Specialist Excel

Entrepreneurship Course Descriptions

Principles of Business, Marketing & Finance - 8531

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	13011200

Course Description: Students are introduced to knowledge and skills of economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Business Information Management I (BIM I) - 8529

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13011400

Course Description: Students will create word-processing documents, spreadsheets, graphs, charts, databases and presentations using appropriate software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with the computer skills needed to compete in a technology driven environment as well as a working knowledge about information and business management. This course is part of all endorsement areas.

Credit Type: State Elective Credit

Entrepreneurship-New

Prerequisite

Principles of Business, Marketing and Finance

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13034400

Course Description: In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

Credit Type: State Elective Credit

Mobile Application Development-New

Prerequisite

Algebra I

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	3580390

Course 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.

Credit Type: State Elective Credit

Practicum in Business Management -New

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13012200

Course 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 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.

Credit Type: Elective State Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

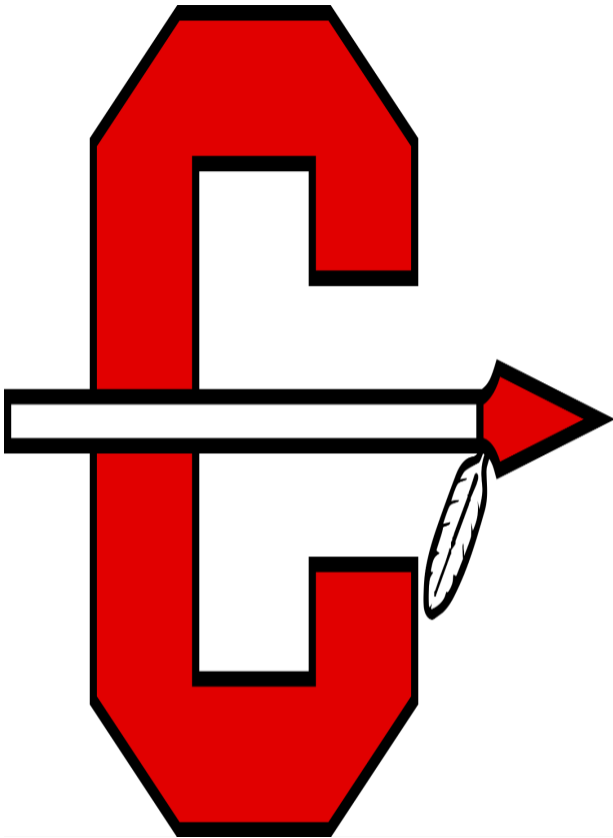
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students **MUST** be sixteen (16) years of age. Students are normally of junior or senior standing and **MUST** have reliable transportation. Students **MUST** have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Marketing & Sales



Level 1

Principles of Business, Marketing, & Finance

Level 2

Fashion Marketing

Sports & Entertainment Marketing

Level 3

Social Media Marketing

Advertising

Level 4

Career Preparation I

Certifications

Microsoft Office Specialist Word

Microsoft Office Specialist Excel

Marketing & Sales Course Descriptions

Principles of Business, Marketing & Finance - 8531

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Semester	13011200

Course Description: Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Fashion Marketing - 8590

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13034300

Course Description: This course focuses on planning, managing, performing, and marketing activities to reach organizational objectives. It is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotions, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Sports & Entertainment Marketing - 8589

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13034600

Course Description: Sports and entertainment marketing is a specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industries. Students will develop skills in the area of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsorship, ticket distribution, and career opportunities as they relate to the sports and entertainment industries. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Social Media Marketing - 8592

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13034650

Course Description: Designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Advertising - 8588

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13034200

Course Description:

Advertising and Sales Promotion are key elements to any business that markets a product or service. Students will discover the goals and objectives of various types of advertising and promotion, identify and analyze advertisements and promotional campaigns, select media and develop advertisements. Students will learn about the different types of advertising media, measure the effectiveness of that media and determine the costs involved. Students will learn about the promotional mix as well as the importance of public relations. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

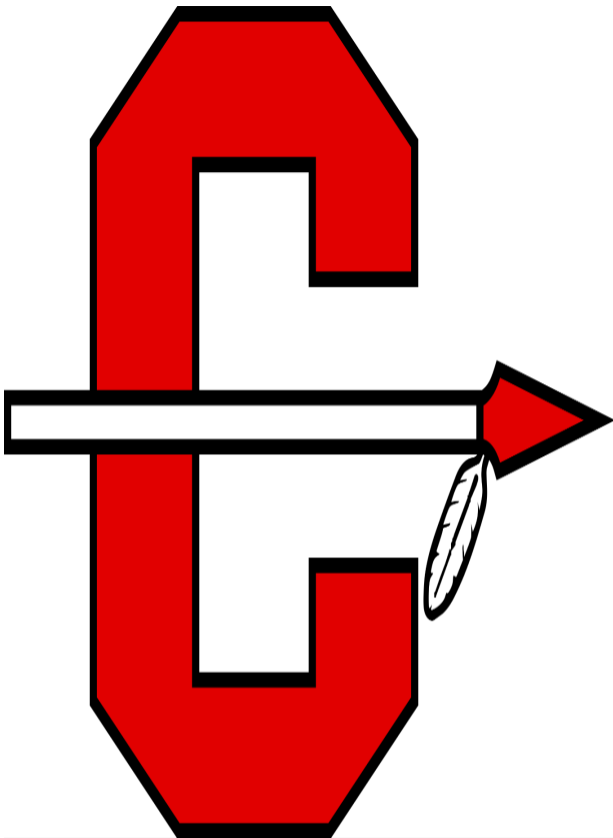
Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students **MUST** be sixteen (16) years of age. Students are normally of junior or senior standing and **MUST** have reliable transportation. Students **MUST** have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Hospitality & Tourism

Culinary Arts



Level 1

Introduction to Culinary Arts
Principles of Hospitality and Tourism

Level 2

Culinary Arts

Level 3

Advanced Culinary Arts

Level 4

Food Science
Practicum in Culinary Arts

Certifications

ServSafe
ManageFirst Professional
Food Handlers

Culinary Arts Course Descriptions

Introduction to Culinary Arts - 8624

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13022550

Course 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 course is part of the Business and Industry endorsement in Hospitality & Tourism-Culinary.

Credit Type: Elective State Credit

Principles of Hospitality & Tourism - 2132

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-11	1	Year	13022200

Course Description:

This laboratory course allows students to use principles of hospitality & tourism to help them make informed choices that promote wellness as well as pursue careers related to hospitality & tourism, education and training, human services and health sciences. This course is part of the Business and Industry endorsement in Hospitality & Tourism-Culinary and Hotel Management.

Credit Type: Elective State Credit

Culinary Arts - 8626

Prerequisite

Intro to Culinary Arts

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13022600

Course 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 & techniques. Students can pursue a national sanitation certification, a Texas culinary specialist certification, or any other appropriate industry certification. This course is offered as a laboratory-based or internship course. This course is part of the Business and Industry endorsement in Hospitality & Tourism-Culinary.

Credit Type: Elective State Credit

Advanced Culinary Arts - 8606

Prerequisite

Principles of Hospitality & Tourism, Intro to Culinary Arts, Culinary Arts

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13022650

Course 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.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement in Hospitality & Tourism-Culinary.

Food Science - 3319

Prerequisite

Three units of science, including Chemistry and Biology.

Recommended Prerequisites: Principles of Hospitality and Tourism.

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13023000

Course Description:

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Credit Type: Science State Credit or State Elective Credit

Practicum in Culinary Arts - 8627

Prerequisite

Principles of Hospitality & Tourism, Intro to Culinary Arts, Culinary Arts

Grade Level	Credit	Term	PEIMS:
12	2	Year	13022700

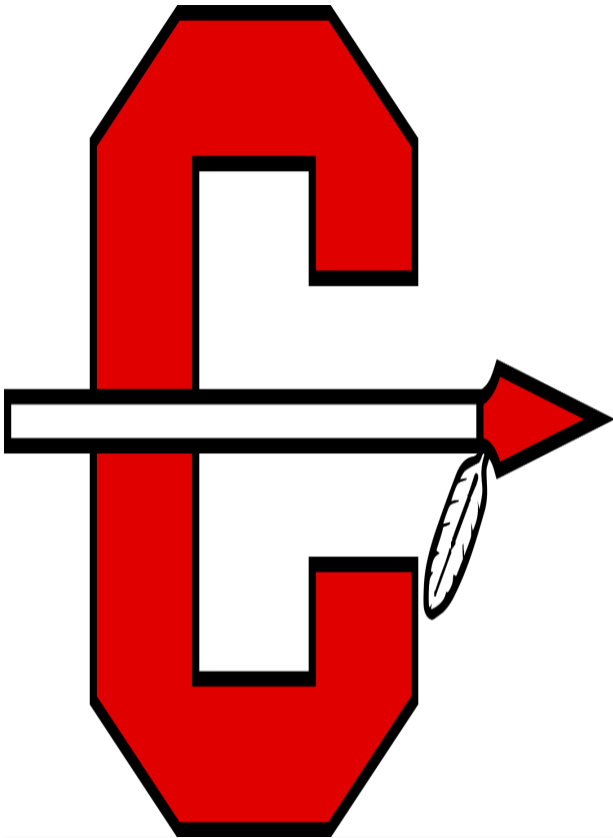
Course Description:

This course 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 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.

Credit Type: Elective State Credit

This is a non-paid practicum. This course is part of the Business and Industry endorsement in Hospitality & Tourism-Culinary.

Travel, Tourism, and Attractions



Level 1

Principles of Hospitality and Tourism

Level 2

Entrepreneurship

Sports and Entertainment Marketing

Level 3

Global Business

Level 4

Career Prep

Certifications

Certified Hospitality and Tourism Management

Professional

Tourism Course Descriptions

Principles of Hospitality & Tourism - 2132

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-11	1	Year	13022200

Course Description:

This laboratory course allows students to use principles of hospitality & tourism to help them make informed choices that promote wellness as well as pursue careers related to hospitality & tourism, education and training, human services and health sciences. This course is part of the Business and Industry endorsement in Hospitality & Tourism-Culinary and Hotel Management.

Credit Type: Elective State Credit

Entrepreneurship-New

Prerequisite

Principles of Business, Marketing and Finance

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13034400

Course Description:

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

Credit Type: State Elective Credit

Sports & Entertainment Marketing - 8589

Prerequisite

Principles of Business

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13034600

Course Description:

Sports and entertainment marketing is a specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industries. Students will develop skills in the area of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsorship, ticket distribution, and career opportunities as they relate to the sports and entertainment industries. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Global Business-New

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
10-12	0.5	Semester	13011800

Course Description:

Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

Credit Type: Elective State Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

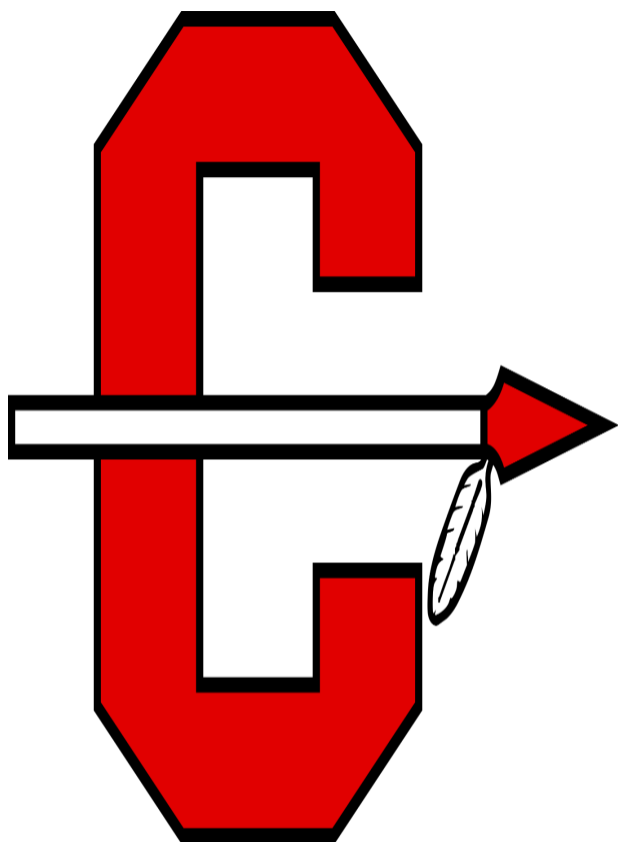
Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students **MUST** be sixteen (16) years of age. Students are normally of junior or senior standing and **MUST** have reliable transportation. Students **MUST** have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

INFORMATION TECHNOLOGY

Information Technology Support and Services

**Level 1**

Principles of Information Technology

Level 2

Computer Maintenance

Level 3

Networking

Level 4

Computer Technician Practicum
Practicum in Information Technology
Career Preparation I

Certifications

CompTIA A++
CompTIA Network+
CompTIA Security+
Microsoft Office Word
Microsoft Office Specialist Excel

Networking Systems Course Descriptions

Principles of Information Technology - 8215

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13027200

Course Description:

Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. The Information Technology pathway focuses on building linkages in IT occupations for entry level, technical, and professional careers related to design, development, support, and management of hardware, software, multimedia, and systems integration services. This class will lead to course opportunities in Computer Maintenance, Networking, and finally a Computer Technician Practicum.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Computer Maintenance - 8501

Prerequisite

Principles of Information Technology

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13027300

Course Description:

This course is the first in a sequence of courses that teach students the basics of building, maintaining, repairing, supporting and upgrading computer desktops, laptops and networks. Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Networking - 8504

Prerequisite

Principles of Information Technology/ Computer Maintenance, and Computer Maintenance Lab

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13027400

Course Description:

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

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Computer Technician Practicum-New

Prerequisite

Principles of Information Technology, Computer Maintenance, Computer Maintenance Lab, Networking, and Networking Lab

Grade Level	Credit	Term	PEIMS:
10-12	2	Year	13027500

Course Description:

In the Computer Technician Practicum, students will gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, or both

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Practicum in Information Technology- New

Prerequisite

Minimum of two high school information technology (IT) courses

Grade Level	Credit	Term	PEIMS:
12	2	Year	13028000

Course Description:

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

Credit Type: Elective State Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

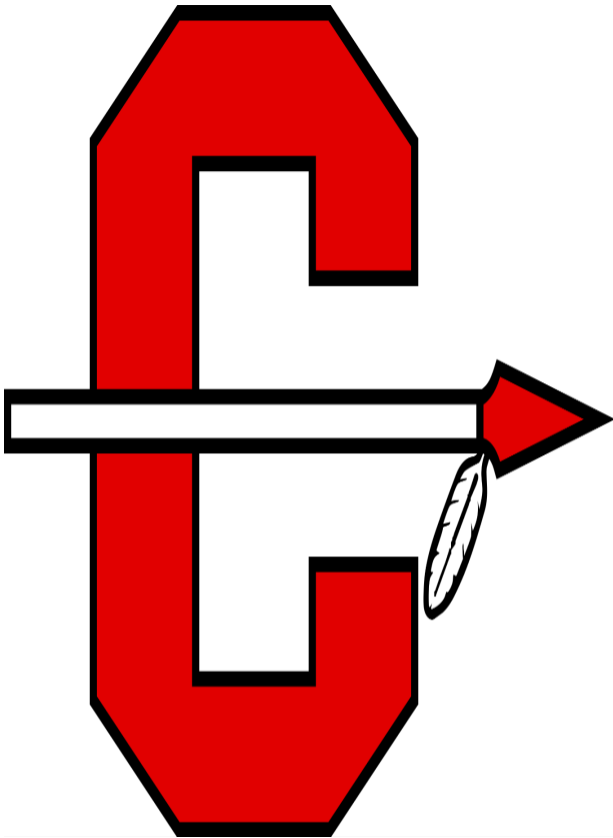
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standing and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Networking Systems



Level 1

Principles of Information Technology

Level 2

Computer Maintenance

Level 3

Networking

Level 4

Practicum in Information Technology
Career Preparation I

Certifications

CompTIA A++
CompTIA Network+
CompTIA Security+
Microsoft Office Word
Microsoft Office Specialist Excel

Networking Systems Course Descriptions

Principles of Information Technology - 8215

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13027200

Course Description:

Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. The Information Technology pathway focuses on building linkages in IT occupations for entry-level, technical, and professional careers related to design, development, support, and management of hardware, software, multimedia, and systems integration services. This class will lead to course opportunities in Computer Maintenance, Networking, and finally a Computer Technician Practicum.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Computer Maintenance - 8501

Prerequisite

Principles of Information Technology

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13027300

Course Description:

This course is the first in a sequence of courses that teach students the basics of building, maintaining, repairing, supporting and upgrading computer desktops, laptops and networks. Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad-level components related to the installation, diagnosis, service, and repair of computer systems.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Networking - 8504

Prerequisite

Principles of Information Technology/ Computer Maintenance, and Computer Maintenance Lab

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13027400

Course Description:

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

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Practicum in Information Technology

Prerequisite

Minimum of two high school information technology (IT) courses

Grade Level	Credit	Term	PEIMS:
12	2	Year	13028000

Course Description:

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

Credit Type: Elective State Credit

Career Preparation I - 8517

Prerequisite

Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

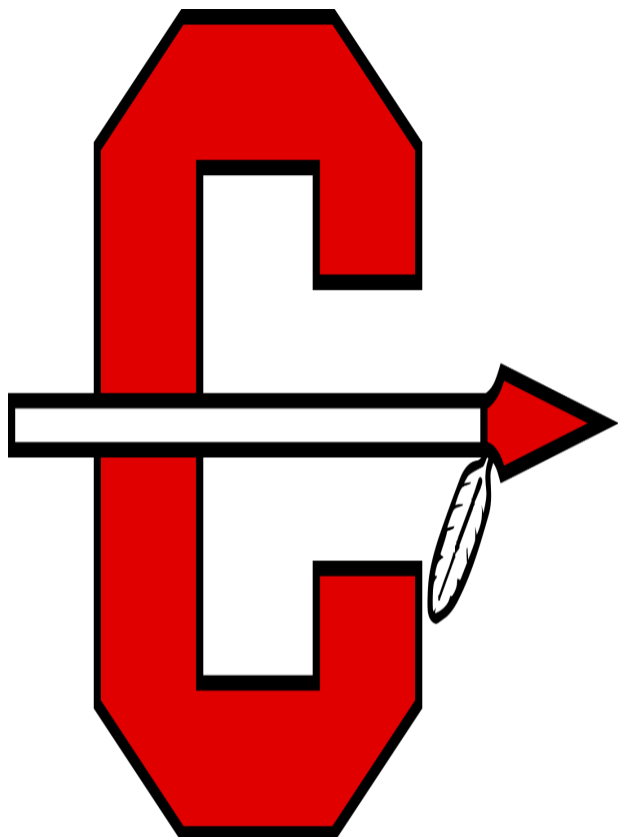
Course Description:

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standing and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

Cybersecurity



Level 1

Principles of Information Technology

Level 2

Computer Maintenance

Level 3

Networking

Level 4

Practicum in Information Technology
Practicum in STEM

Certifications

CompTIA A++
CompTIA Network+
CompTIA Security+

Cybersecurity Course Descriptions

Principles of Information Technology - 8215

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13027200

Course Description:

Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. The Information Technology pathway focuses on building linkages in IT occupations for entry level, technical, and professional careers related to design, development, support, and management of hardware, software, multimedia, and systems integration services. This class will lead to course opportunities in Computer Maintenance, Networking, and finally a Computer Technician Practicum.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Computer Maintenance - 8501

Prerequisite

Principles of Information Technology

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13027300

Course Description:

This course is the first in a sequence of courses that teach students the basics of building, maintaining, repairing, supporting and upgrading computer desktops, laptops and networks. Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems.

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Networking - 8504

Prerequisite

Principles of Information Technology/ Computer Maintenance, and Computer Maintenance Lab

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13027400

Course Description:

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

Credit Type: Elective State Credit

This course is part of the Business and Industry endorsement Information Technology

Practicum in Information Technology

Prerequisite

Minimum of two high school information technology (IT) courses

Grade Level	Credit	Term	PEIMS:
12	2	Year	13028000

Course Description:

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

Practicum in Science, Technology, Engineering, and Mathematics

Prerequisite

Required: Algebra I and Geometry/ Principles of Applied Engineering

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13037400

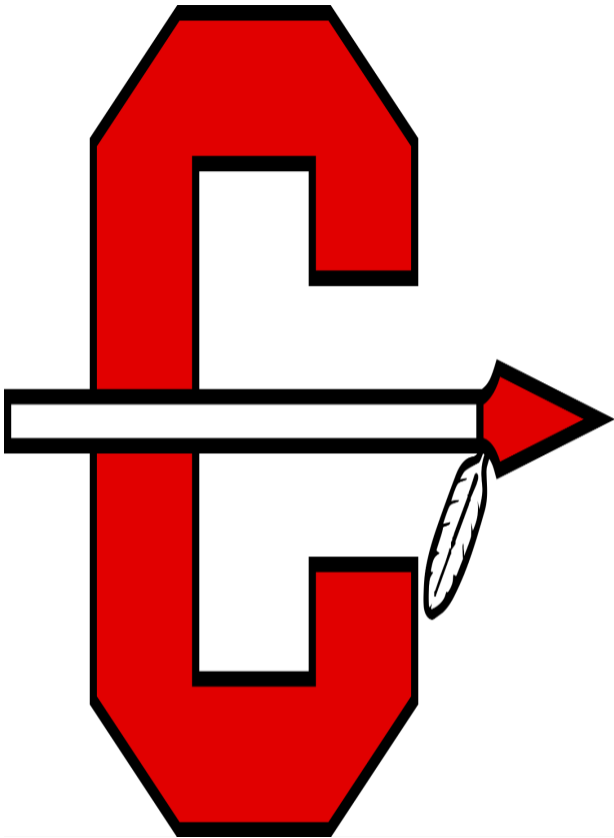
Course Description:

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

Credit Type: Elective State Credit or Math State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Engineering



Level 1

Principles of Applied Engineering

Level 2

Manufacturing Engineering Technology I

Level 3

Aerospace Engineering

Level 4

Engineering Design & Problem Solving
Practicum in STEM

Certifications

Federal Aviation Administration Part 107 Remote Drone
Pilot

Engineering Course Descriptions

Principles of Applied Engineering - 4561

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13036200

Course Description:

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

Credit Type: Elective State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Manufacturing Engineering Technology 1- 8681

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13032900

Course 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.

Credit Type: Elective State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Aerospace Engineering - 8675

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	N1303745

Course Description:

In this course, students will gain knowledge of aerodynamics, astronautics, space-life sciences, and systems engineering through hands-on engineering problems and projects.

Credit Type: Elective State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Engineering Math - 8214

Prerequisite

Required: Algebra II; Recommended: Robotics I & Robotics II

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13036700

Course Description:

Students will explore artificial intelligence and programming in the robotic and automation industry. Through 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.

Credit Type: Elective State Credit or Math State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Engineering Design and Problem-Solving - CTE509

Prerequisite

Required: Algebra I and Geometry/Principles of Applied Engineering

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13037300

Course Description:

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

Credit Type: Elective State Credit or Math State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Practicum in Science, Technology, Engineering, and Mathematics

Prerequisite

Required: Algebra I and Geometry/ Principles of Applied Engineering

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13037400

Course Description:

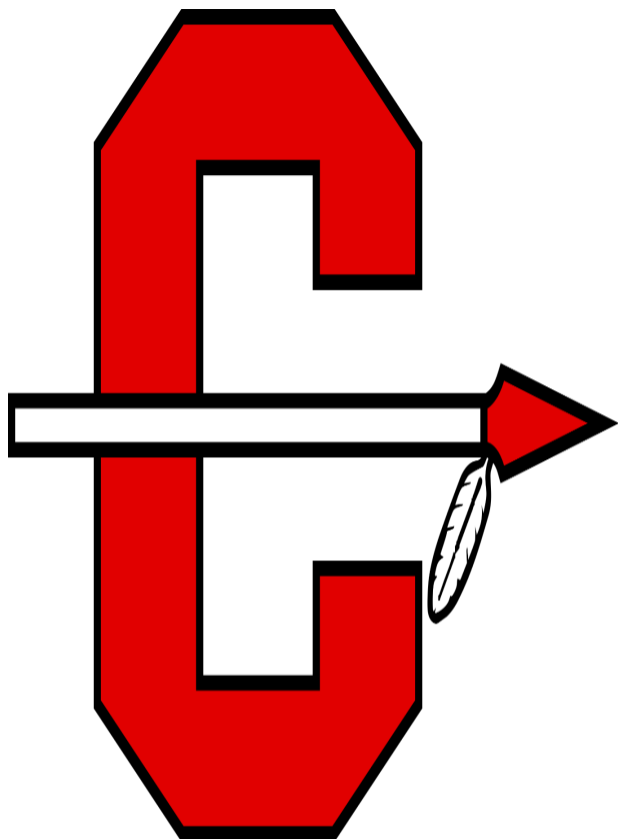
Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Credit Type: Elective State Credit or Math State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

LAW & PUBLIC SERVICE

Law Enforcement



Level 1

Principles of Law, Public Safety, Corrections, & Security

Level 2

Law Enforcement I
Criminal Investigation

Level 3

Law Enforcement II
Correctional Services

Level 4

Forensic Science
Practicum in Law, Public Safety, Corrections, and
Security

Certifications

Non-Commissioned Security Officer Level II

Law Enforcement Course Descriptions

Principles of Law, Public Safety, Corrections And Security - 8519

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13029200

Course Description:

This course introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

Credit Type: Elective State Credit

This course is part of the Public Service endorsement in Law Enforcement Services.

Law Enforcement I - 8521

Prerequisite

Principles of Law

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13029300

Course Description:

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

Credit Type: Elective State Credit

Criminal Investigation-New

Prerequisite

Principles of Law

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13029550

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

Credit Type: Elective State Credit

Law Enforcement II - 8530

Prerequisite

Principles of Law, Law Enforcement I

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13029400

Course Description: This course provides the knowledge and skills necessary to prepare for a career in law enforcement, including ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony. This course is part of the Public Service endorsement in Law Enforcement Services.

Credit Type: Elective State Credit

Correctional Services - 8520

Prerequisite

Principles of Law, Public Safety, Corrections/Admissions Committee Approval

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13029700

Course Description:

In this course, students prepare for certification required for employment as a correctional officer. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. The student will analyze rehabilitation and alternatives to institutionalization. This course is part of the Public Service endorsement in Law Enforcement Services.

Credit Type: Elective State Credit

Forensic Science - 3317/0904A

Prerequisite

Biology and Chemistry

Recommended Prerequisites/Corequisites:

Any Law, Public Safety, Corrections, and Security Career Cluster course

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13029500

Course Description:

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

Credit Type: Science State Credit or State Elective Credit

Practicum in Law, Public Safety, Corrections, and Security-New

Prerequisite

Principles of Law, Public Safety, Correction

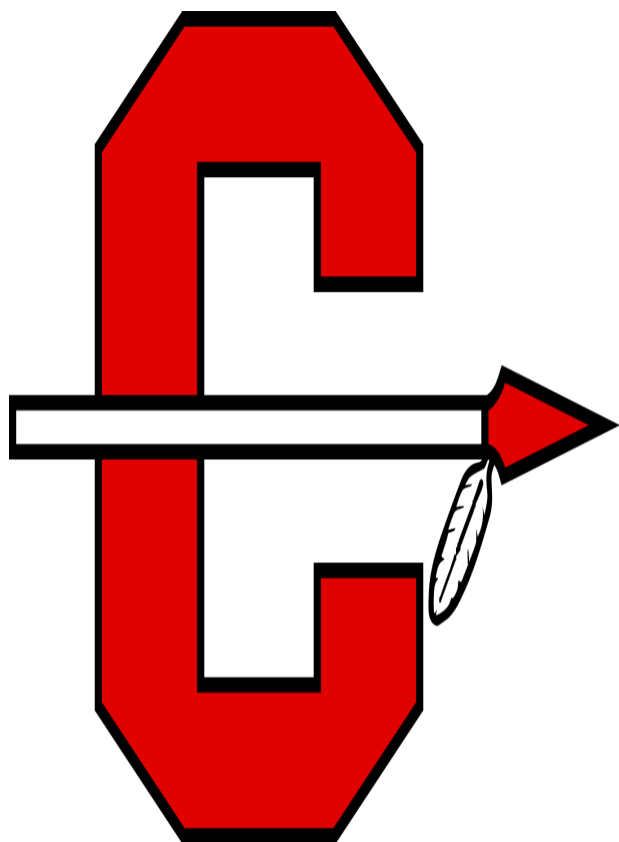
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13030100

Course 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

Credit Type: State Elective Credit

Exercise Science & Wellness



Level 1

Principles of Exercise Science & Wellness

Level 2

Kinesiology I

Level 3

Anatomy & Physiology

Level 4

Career Preparation I

Certifications

Certified Personal Trainer

Exercise Science & Wellness Course Descriptions

Principles of Exercise Science & Wellness -

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	N1302107

Course Description: The Principles of Exercise Science and Wellness course is designed to provide an overview of the occupations, the study of body movement, health behavior, systems to develop exercise and wellness regimens, and current research and development in the Exercise Science and Wellness industry

Credit Type: State Science Credit or State Elective Credit

Kinesiology I-

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	N1303107

Course Description: This course is designed to introduce students to the basic concepts of Kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance

Credit Type: State Elective Credit

Anatomy & Physiology - 1551

Prerequisite

Biology/second Science credit; Recommended one course from Health Science pathway.

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020600

Course Description: Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well-being. This course is part of the Public Service endorsement in Health Science- Medical.

Credit Type: State Science Credit or State Elective Credit

Career Preparation I - 8517

Prerequisite

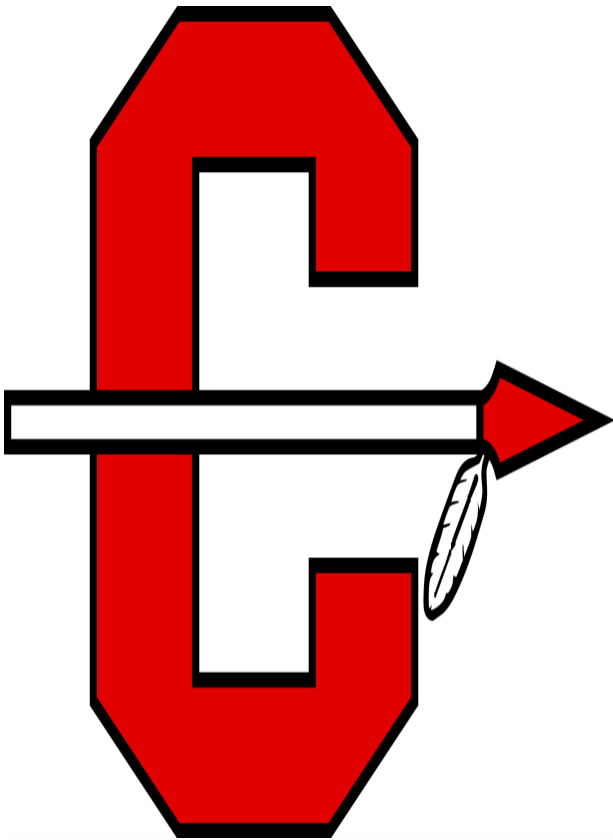
Required Paperwork Must Be Completed and Returned By Due Date/Admissions Committee Approval/Career Preparation I for 5342

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

Course Description: This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standing and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. This course is part of the Business & Industry endorsement in Business Management, Business Marketing, and Financial Management & Accounting.

Credit Type: Elective State Credit

Health Informatics



Level 1

Principles of Health Science
Medical Terminology

Level 2

Business Information Management I

Level 3

Health Informatics

Level 4

Mathematics for Medical Professionals

Certifications

Certified Coding Associate
Medical Coding & Billing Specialist

Health Informatics Course Descriptions

Principles of Health Science - 8643

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13020200

Course Description:

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: Elective State Credit

Medical Terminology - 8629

Prerequisite

Principles of Health Science

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13020300

Course Description:

Students will be introduced to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Business Information Management I (BIM I) - 8529

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13011400

Course Description:

Students will create word-processing documents, spreadsheets, graphs, charts, databases and presentations using appropriate software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with the computer skills needed to compete in a technology driven environment as well as a working knowledge about information and business management. This course is part of all endorsement areas.

Credit Type: State Elective Credit

Health Informatics – 8526

Prerequisite

Principles of Health Science, Business Information Management I (BIM I), Medical Terminology

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020960

Course Description:

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a variety of health careers. This course helps students meet the demand for information and health professionals who can effectively design, develop, and use technologies such as electronic medical records, patient monitoring systems, and digital libraries. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit.

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Mathematics for Medical Professionals –

Prerequisite

Principles of Health Science, Business Information Management I (BIM I), Medical Terminology, Health Informatics

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020960

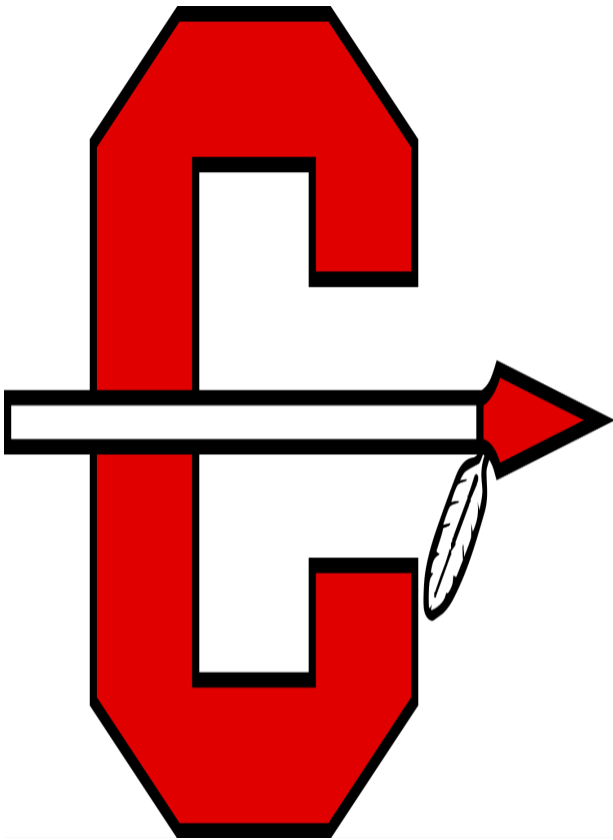
Course Description:

The Mathematics for Medical Professionals course is designed to serve as the driving force behind the Texas essential knowledge and skills for mathematics, guided by the college and career readiness standards. By embedding statistics, probability, and finance, while focusing on fluency and solid understanding in medical mathematics, students will extend and apply mathematical skills necessary for health science professions. Course content consists primarily of high school level mathematics concepts and their applications to health science professions.

Credit Type: State Elective Credit.

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Healthcare Diagnostics



Level 1

Principles of Health Science

Level 2

Medical Terminology

Level 3

Health Science Theory

Level 4

Anatomy and Physiology

Certifications

Certified Medical Assistant

Certified Nurse Assistant

Phlebotomy Technician

CPR

EKG Technician

Healthcare Diagnostics Course Descriptions

Principles of Health Science - 8643

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13020200

Course Description:

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: Elective State Credit

Medical Terminology - 8629

Prerequisite

Principles of Health Science

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13020300

Course Description:

Students will be introduced to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Health Science Theory - 8641

Prerequisite

Principles of Health Science, Medical Terminology, Biology

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020400

Course Description:

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. An additional Health Science Theory Lab can be added to this course if available for an additional credit making the class a two period block. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Anatomy & Physiology - 1551

Prerequisite

Biology/second Science credit; Recommended one course from Health Science pathway.

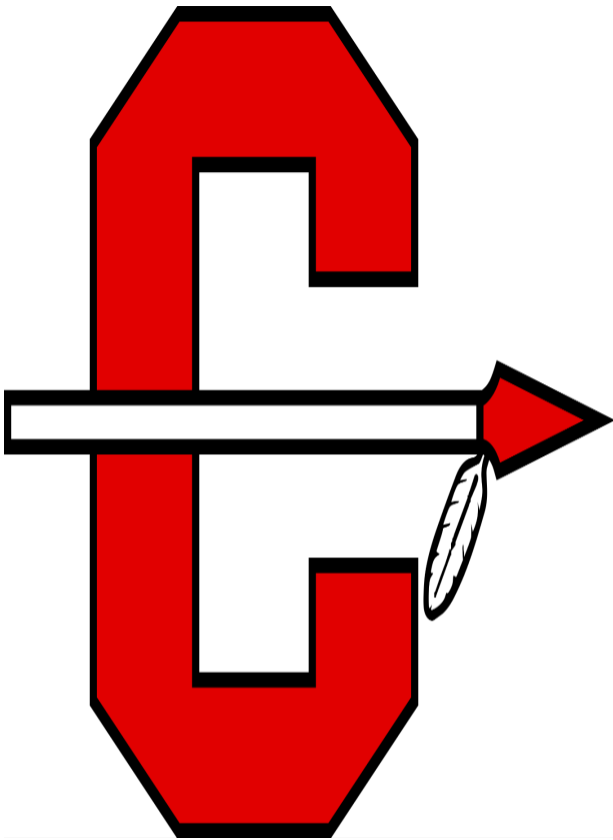
Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020600

Course Description:

Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well-being. This course is part of the Public Service endorsement in Health Science- Medical.

Credit Type: State Science Credit or State Elective Credit

Medical Therapy



Level 1

Principles of Health Science

Level 2

Medical Terminology

Level 3

Health Science Theory

Level 4

Practicum in Health Science

Certifications

Certified Medical Assistant

Certified Nurse Assistant

Phlebotomy Technician

CPR

EKG Technician

Medical Therapy Course Descriptions

Principles of Health Science - 8643

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13020200

Course Description: The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: Elective State Credit

Medical Terminology - 8629

Prerequisite

Principles of Health Science

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13020300

Course Description: Students will be introduced to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Health Science Theory - 8641

Prerequisite

Principles of Health Science, Medical Terminology, Biology

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020400

Course Description: The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. An additional Health Science Theory Lab can be added to this course if available for an additional credit making the class a two period block. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Practicum in Health Science - 8642

Prerequisite

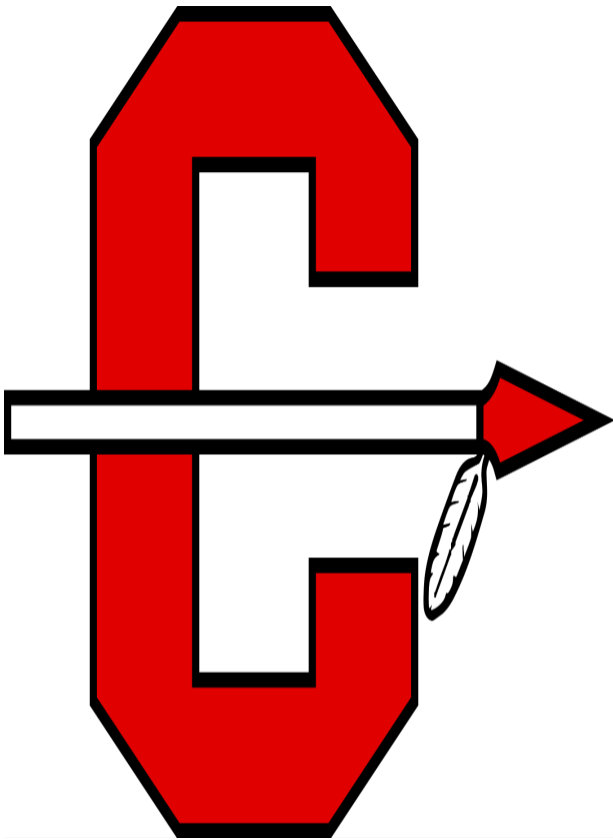
Principles of Health Science, Medical Terminology, Health Science Theory

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13020500

Course Description: This course is designed to provide the student an opportunity to complete the course material and state examination to become a certified nurse aide. This course includes clinical rotations at a local healthcare facility. Following the CMA or CNA portion of the course, students will be able to spend class time at local healthcare facilities learning in-depth career information in many fields including radiology, surgery, laboratory, nursing and physical therapy. The clinical opportunities will be integrated with classroom learning of medical terminology, global health concerns, CPR certification, and employment outlook research. CMA or CNA students must pass a background check and drug test, be 16 years of age, have a driver's license, Social Security number, provide their own transportation, and proof of insurance. Flu vaccines and TB screening is also required by local facilities. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Nursing Science



Level 1

Principles of Health Science

Level 2

Medical Terminology

Level 3

Anatomy & Physiology

Level 4

Practicum in Nursing

Certifications

Certified Medical Assistant

Certified Nurse Assistant

Phlebotomy Technician

CPR

EKG Technician

Nursing Science Course Descriptions

Principles of Health Science - 8643

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13020200

Course Description:

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: Elective State Credit

Health Science Theory - 8641

Prerequisite

Principles of Health Science, Medical Terminology

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13020400

Course Description:

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. An additional Health Science Theory Lab can be added to this course if available for an additional credit making the class a two period block. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

Eligible for Articulated Credit. If taught as Articulated Credit this course will have a weighted GPA.

Practicum in Health Science - 8642

Prerequisite

Principles of Health Science, Medical Terminology, Health Science Theory

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13020500

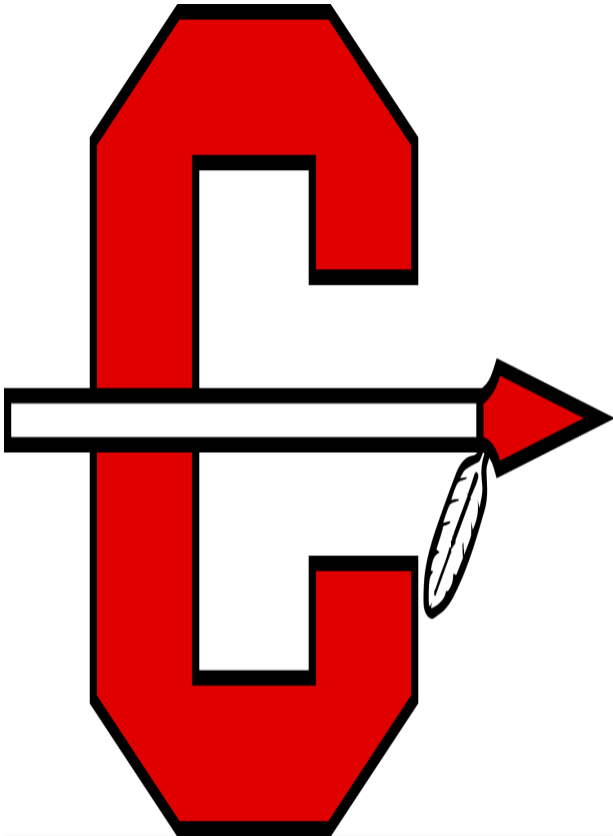
Course Description:

This course is designed to provide the student an opportunity to complete the course material and state examination to become a certified nurse aide. This course includes clinical rotations at a local healthcare facility. Following the CMA or CNA portion of the course, students will be able to spend class time at local healthcare facilities learning in-depth career information in many fields including radiology, surgery, laboratory, nursing and physical therapy. The clinical opportunities will be integrated with classroom learning of medical terminology, global health concerns, CPR certification, and employment outlook research. CMA or CNA students must pass a background check and drug test, be 16 years of age, have a driver's license, Social Security number, provide their own transportation, and proof of insurance. Flu vaccines and TB screening is also required by local facilities. This course is part of the Public Service endorsement in Health Science Medical.

Credit Type: State Elective Credit

EDUCATION & TRAINING

Teaching & Training



Level 1

Principles of Education and Training

Level 2

Human Growth & Development

Level 3

Instructional Practices

Level 4

Practicum in Education and Training

Certifications

Educational Aide I

Teaching & Training Course Descriptions

Principles of Education & Training - 8968

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13014200

Course Description:

This course is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area. This course is part of the Public Service endorsement in Education and Training.

Credit Type: Elective State Credit

Human Growth & Development - 8972

Prerequisite

Principles of Education & Training

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13014300

Course Description:

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

Credit Type: Elective State Credit

Instructional Practices - 8973

Prerequisite

Principles of Education & Training/Human Growth & Development

Grade Level	Credit	Term	PEIMS:
10-12	2	Year	13014400

Course Description:

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. This course is part of the Public Service endorsement in Education and Training.

Credit Type: Elective State Credit

Practicum in Education & Training - 8974

Prerequisite

Principles of Education & Training/Human Growth & Development/Instructional Practices

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	13014500

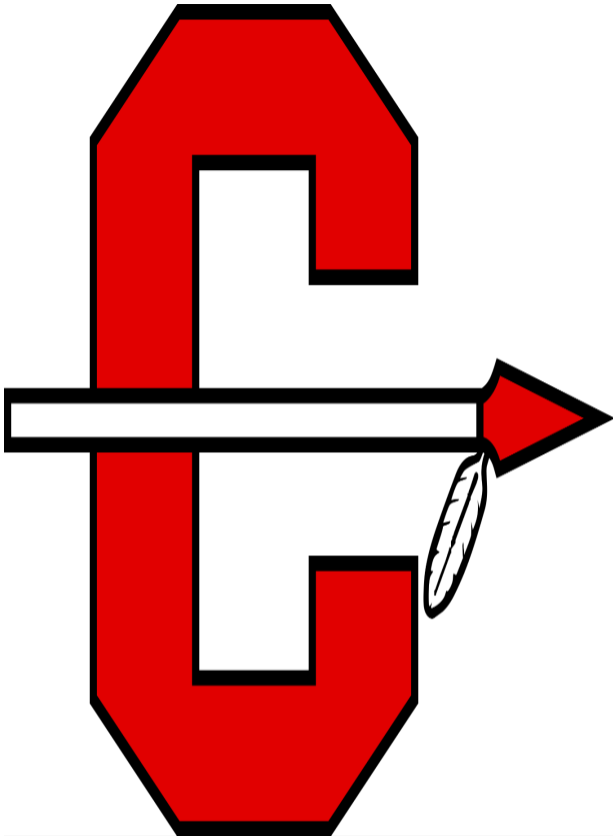
Course Description:

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

This course is part of the Public Service endorsement in Education and Training.

Credit Type: Elective State Credit

COSMETOLOGY



Level 1

Principles of Cosmetology Design and Color Theory

Level 2

Introduction to Cosmetology

Level 3

Cosmetology I

Level 4

Cosmetology II

Certifications

Cosmetology Operator License

Cosmetology Course Descriptions

Principles of Cosmetology Design and Color Theory -8669

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	N1302539

Course Description:

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

Credit Type: State Elective Credit

Introduction to Cosmetology -8671

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13025100

Course Description:

Students explore areas such as bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care, and facial makeup.

Credit Type: State Elective Credit

Cosmetology I- 8672

Prerequisite

Introduction to Cosmetology

Grade Level	Credit	Term	PEIMS:
10-11	2	Year	13025200

Course Description:

Students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included. These two courses must be taken together to allow for the hour required hours of study and practice.

Credit Type: State Elective Credit

Cosmetology II 8673

Prerequisite

Introduction to Cosmetology, Cosmetology I

Grade Level	Credit	Term	PEIMS:
10-11	2	Year	13025300

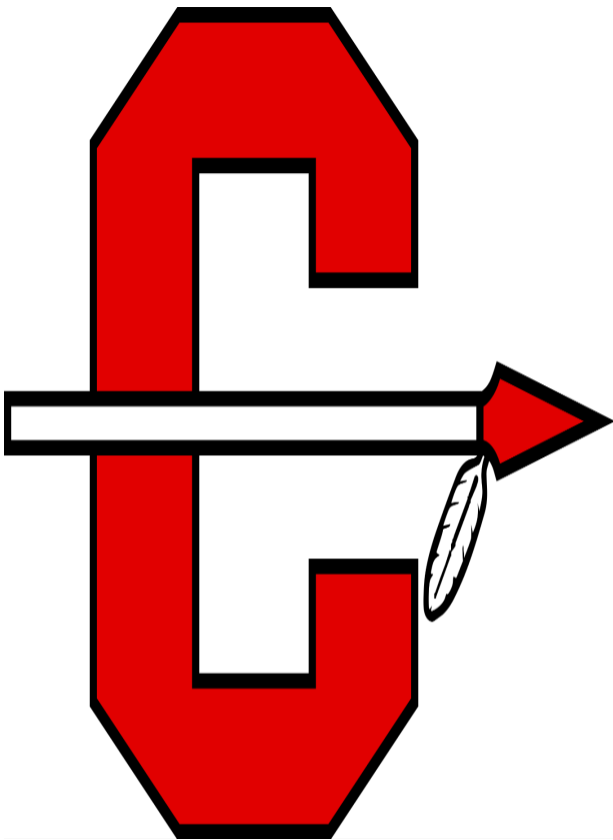
Course Description:

Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination.

Credit Type: State Elective Credit

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

Drone (Unmanned Flight)



Level 1

Introduction to Aerospace and Aviation

Level 2

Robotics I

Level 3

Robotics II

Level 4

Practicum in Manufacturing

Certifications

Federal Aviation Administration Part 107 Remote Drone Pilot

Drone (Unmanned Flight) Course Descriptions

Introduction to Aerospace and Aviation

Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	N1304672

Course Description:

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

Credit Type: Elective State Credit

This course is part of the Business and Industry or Science Technology Engineering and Math endorsement in Robotics.

Robotics I

Prerequisite

Introduction to Aerospace and Aviation

Grade Level	Credit	Term	PEIMS:
9-10	1	Year	13037000

Course Description:

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.

Credit Type: Elective State Credit or Math State Credit

This course is part of the Business and Industry or Science Technology Engineering and Math endorsement in Robotics.

Robotics II - 4563

Prerequisite

Robotics I

Grade Level	Credit	Term	PEIMS:
11-12	1	Year	13037050

Course Description:

Students will explore artificial intelligence and programming in the robotic and automation industry. Through 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. This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Credit Type: Elective State Credit or Math State Credit

This course is part of the Business and Industry or Science Technology Engineering and Math endorsement in Robotics.

Practicum of Manufacturing

Prerequisite

Introduction to Aerospace and Aviation, Robotics I, Robotics II

Grade Level	Credit	Term	PEIMS:
12	2	Year	13033000

Course Description:

The practicum course is an opportunity for students to participate in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. This course is part of the Manufacturing statewide program.

Credit Type: Elective State Credit

This course is part of the Science Technology Engineering and Math endorsement in Robotics.

Special Education Courses

Special Note: Special Education placement and individual course selections are determined by an Admission, Review and Dismissal/Individual Education Plan Committee (IEP).

Special Education Course Offerings: The following is a list of the courses with modified Texas Essential Knowledge and Skills which are taught by special education teachers. All special education courses are taken for credit, as are general education courses. These courses are under the modified GPA scale.

Applied English I - 9003

Applied English II - 9004

Applied English III - 9005

Applied English IV - 9006

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03220107,03220207,03220300,03220400

Course Description:

Applied English will assist students in developing skills in the areas of expressive, receptive, written and/or symbolic representations of language. Attention is given to the ability to communicate effectively within the range of the student's abilities (direct or through assisting devices). Students will integrate language in order to understand oral, written and/or symbolic communication. Oral, written and symbolic language will be used to express ideas, demands, and needs and to make inquiries. Communication will be examined in regard to social appropriateness, environmental cues and prompts, understanding generalizations in real life context, the responsibilities of independent living, and skills that relate directly to employment. Communications will explore job related language use as seen in employment services, interview skills, interpersonal skills, job search and application process. The scope of this course and TEKS are determined by the student's individual education plan (IEP).

Credit Type: English State Credit

Basic English I - 9049**Basic English II - 9050****Basic English III - 9051****Basic English IV - 9052****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03220107,03220207, 03220300,03220400

Course Description:

Basic English will assist students in developing skills in the areas of expressive, receptive, written and/or symbolic representations of language. Attention is given to the ability to communicate effectively within the range of the student's abilities (direct or through assisting devices). Students will integrate language in order to understand oral, written and/or symbolic communication. Oral, written and symbolic language will be used to express ideas, demands, and needs and to make inquiries. Communication will be examined in regard to social appropriateness, environmental cues and prompts, understanding generalizations in real life context, the responsibilities of independent living, and skills that relate directly to employment. Communications will explore job related language use as seen in employment services, interview skills, interpersonal skills, job search and the application process. The scope of this course and TEKS are determined by the student's individual education plan (IEP).

Credit Type: English State Credit

Applied Algebra I - 9007**Applied Geometry - 9008****Applied MMA - 9009****Applied Algebraic Reasoning - 9062****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03100507,03100700, 03102400

Course Description:

Designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on basic operations using money, measurement, and time in common home, family, and work related environments. The scope of this course and TEKS are determined by the student's individual education plan (IEP).

Credit Type: Math State Credit

Basic Algebra I - 9045**Basic Geometry - 9046****Basic Algebra II - 9047****Basic MMA - 9048****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03100507,03100707, 03100600,03102400

Course Description:

Designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on basic operations using money, measurement, and time in common home, family, and work related environments. The scope of this course and TEKS are determined by the student's individual education plan (IEP).

Credit Type: Math State Credit

Applied Biology - 9011**Applied IPC - 9010****Applied Earth Space Science - 9023****Applied Chemistry - 9071****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03010207,030602011, 03010200

Course Description:

Science based concepts related specifically to independent daily living and employment, Attention is given to relating science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies.

Credit Type: Science State Credit

Basic Biology - 9058**Basic IPC - 9059****Basic Chemistry - 9060****Basic Earth Space Science - 9061****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03010207,0306201, 0304000,0306200

Course Description:

Science based concepts related specifically to independent daily living and employment, Attention is given to relating science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies.

Credit Type: Science State Credit

Applied World Geography - 9025**Applied World History - 9012****Applied U.S. History - 9013****Applied U.S. Government - 9014****Applied Economics - 9015****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	.5 - 1	Sem/Year	003320100,03340400, 03340107,03310300,03330100

Course Description:

Defines the rights, privileges and responsibilities of students within their school, community and employment settings. Concepts include voting laws, consequences of unlawful behavior, honesty, integrity, community volunteerism, rules and situations, including employment. Students will become familiar with the basic concepts of personal responsibility as related to employability and/or being a productive, contributing member of a business, community and/or organization.

Credit Type: Social Studies State Credit

Basic World Geography - 9053**Basic World History - 9054****Basic U.S. History - 9055****Basic U.S. Government - 9056****Basic Economics - 9057****Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	.5 - 1	Sem/Year	003320100,03340400, 03340107,03310300,03330100

Course Description:

Defines the rights, privileges and responsibilities of students within their school, community and employment settings. Concepts include voting laws, consequences of unlawful behavior, honesty, integrity, community volunteerism, rules and situations, including employment. Students will become familiar with the basic concepts of personal responsibility as related to employability and/or being a productive, contributing member of a business, community and/or organization.

Credit Type: Social Studies State Credit

Applied Reading I, II, III – 9000, 9001, 9002**Prerequisite**

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03270700,03270800,03270900

Course Description:

A supportive reading course modified to complement the learning requirements of students whose difficulty in reading significantly impacts their acquisition of knowledge and skills. Students practice using speaking, listening, reading and writing strategies in an integrated reading classroom. This course includes an emphasis on relevant and meaningful application for reading in today's society, along with learning techniques and test-taking strategies.

Credit Type: State Elective Credit

Basic Reading I, II, III – 9063, 9064, 9065

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03270700,03270800, 03270900

Course Description:

A supportive reading course modified to complement the learning requirements of students whose difficulty in reading significantly impacts their acquisition of knowledge and skills. Students practice using speaking, listening, reading and writing strategies in an integrated reading classroom. This course includes an emphasis on meaningful application for reading in today's society, along with learning techniques and test-taking strategies.

Credit Type: State Elective Credit

On the Job Training - 9024

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1-8	Year	850000002

Course Description:

Provides time for employed students to have contact with Career Education staff. Course allows for teacher-student feedback and problem solving regarding students' employment. Employment paperwork and record keeping are addressed and there is a strong focus on graduation course requirements and responsibilities.

Credit Type: Local Credit

Employability Skills

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	N1270153

Course Description:

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

Credit Type: Local Credit

Applied Career Preparation Block - 9027

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
10-12	2	Year	850000001

Course Description:

This course is designed to prepare students for competitive employment and independent living. Topics include productive work habits and attitudes, the process of career planning and employment, the application and interview process and the effects of change in the workplace. The educational setting for this course is the classroom, the campus community and/or training sites in the community.

Credit Type: Local Credit

Applied Greenhouse Operations & Production

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	13002050

Course Description:

Designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Credit Type: State Elective Credit

Transitional Life Skills - 9018

Prerequisite

Successful completion of all graduation requirements as determined by the IEP.

Grade Level	Credit	Term	PEIMS:
12+	1-8	Year	8500000

Course Description:

Developed to integrate the domestic, recreation, leisure and school community domains. Students investigate through activity based sessions, a variety of activities associated with the daily living experience. Students will study areas of: cooking, safety, leisure, responsibilities, budget, time management, first aid and communication. Personal safety and responsibility will be examined in response for taking care of one's self, others and/or pets. Health care, transportation, telephone skills and appropriate recreation activities are addressed. Students will experience strategies to respond to potential emergencies that may appear in the process of daily living. This course will also assist students in making a smooth transition to employment (supported or unsupported) Students will examine the relationship between what is learned in the classroom and how these skills are applied on a job site.

Credit Type: State Elective Credit

Applied Art I, II, III, IV – 9019,9020,9021,9022

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03500100,03500200, 0350300,03500400

Course Description:

Art introduces the students to a variety of art forms and the basic theories which underlie them. Students will learn an awareness and sensitivity to natural and man-made environments, design, develop and create original artwork and develop an understanding and appreciation of self and others through art culture.

Credit Type: Fine Arts Credit

Basic Art I, II, III, IV – 9066, 9067, 9068, 9069

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	03500100,03500200, 0350300,03500400

Course Description: Art introduces the students to a variety of art forms and the basic theories which underlie them. Students will learn an awareness and sensitivity to natural and man-made environments, design, develop and create original artwork and develop an understanding and appreciation of self and others through art culture.

Credit Type: Fine Arts Credit

Adaptive Physical Education

Prerequisite

IEP Committee Recommendation

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	90080011

Course Description: Designed to give the student skills to participate in and enjoy the leisure activities that the community has to offer. Students learn different sports and activities based on their interests, and what is available to them within the community.

Credit Type: Physical Education Credit

Orientation and Mobility

Prerequisite:

Recommended by O&M Specialist and listed in IEP

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	N1160510

Course Description: The Orientation and Mobility for Students with Visual Impairments courses will focus on skills and strategies that will enhance essential travel skills. These travel skills will enable students with visual impairments and blindness to access all of the educational environments in which they will be involved. The courses will focus on travel in the following domains: • Home/Living Environment which includes directionality, positional concepts, and using landmarks and clues for travel within the school environment • Campus Environment which includes cane techniques, on-campus orientation and mobility, cardinal directions and low vision devices • Residential Environment which includes vehicle familiarization, residential area travel, address systems and travel within rural areas as necessary • Commercial Environment which includes commercial area travel, and commercial street crossings to access community experiences • Public Transportation which includes skills necessary to travel on public transportation such as buses, taxicabs and rail systems

Credit Type: Local Credit

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