

**CLEVELAND HIGH  
SCHOOL**

**2021-2022**



**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.

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, Health Science 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 in 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

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 curriculum and course descriptions. It covers academic policies and procedures for the 2021 - 2022 school year.

In addition to the comprehensive information in this booklet, the Academic Advisors 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 his/her parents, to become familiar with the high school graduation programs, select the program that best meets his/her 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.

## Table of Contents

General Registration Information	7
Course Registration, Class Schedule Changes	8
Student Classifications, Levels of Instruction	9-10
Academic Achievement, Class Ranking, Testing Requirements for HS Graduation	10-12
Graduation Requirements	13-14
Cleveland High School Academic Course Guide	
15-16	
Course Requirements for Endorsements	17
Elective Courses listed by Endorsement/Pathway	18-19
Student Graduation Planner	20
CISD 5 Year Plan	21
Performance Acknowledgement, Distinguished Level of Achievement	
22-23	
Advanced Placement vs Dual Credit	24
Advanced Placement (AP Courses)	25
Dual Credit Courses	
26-28 Dual Credit Handbook	
28-30	
Alternate Ways to Earn Credit	30-32
Eligibility for Interscholastic Competition, Award of Credit, Credit by Examination, and Exempt Courses	32-33
Specialized Programs	34-35
Grades	35-36
Honor Graduates, Class Ranking, Early Graduation	37-38
College Admission Information, ACT & SAT College Readiness Benchmarks	38-39
College Enrollment, Financial Aid and Grant Information	40-42
Technical School and Military Service College and Recruitment Options	43-44
NCAA Eligibility Center Quick Reference Guide and Sliding Scale	45-48
Course Descriptions	49-146

## 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, home ownership, 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 previous school, and must include the following:

Polio	3 doses if last dose is on or after 4th birthday <b>OR</b> 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 doses; 1st dose on or after 1st birthday (Measles, Mumps, Rubella)
Hepatitis B	3 doses
Varicella	1 dose or parent statement of Chicken Pox illness <b>OR</b> 2 doses if 1st was given at/after 13 <b>OR</b> 2 doses for 7 <sup>th</sup> -12 <sup>th</sup> 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 the 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 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 advisement 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
- Counselor scheduling error
- Balancing of class sizes
- 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 a 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 annually except for senior year.

## 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 to 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, the District shall assign weight to those grades based on the categories and grade weight system used by the district.

**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<sup>th</sup> 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, the District 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.

## 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 acknowledgements. 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 (22 credits)	
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)	6	Electives (Credit requirements specific to at least one endorsement)	4	Electives

<b>CLEVELAND HIGH SCHOOL CTE PROGRAMS OF STUDY</b>
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<b>Agriculture, Food, &amp; Natural Resources</b>		<b>Human Services</b> Cosmetology and Personal Care Services
Animal Science		<b>Hospitality &amp; Tourism</b>
Applied Agricultural Engineering		Culinary Arts
Plant Science		
<b>Health Science</b>		<b>Business Marketing &amp; Finance</b>
Exercise Science & Wellness		Accounting & Financial Services
Health Informatics		Business Management
Nursing Science		Marketing & Sales
<b>Science, Technology, Engineering, &amp; Math</b>		<b>Information Technology</b>
Engineering		Networking Systems
<b>Manufacturing</b>		<b>Law &amp; Public Service</b>
Advanced Manufacturing and Machinery Mechanics Welding		Law Enforcement
<b>Arts, Audio/Visual Technology and Communications</b>		<b>Education &amp; Training</b>
Digital Communications		Teaching & Training
Design & Multimedia Arts		
<b>Architecture &amp; Construction</b>		Science, Technology, Engineering & Math (STEM) Engineering
Carpentry		<b>Transportation, Distribution &amp; Logistics</b> Automotive 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, DC 1301/1302/Advanced Placement English Language
- English IV, DC 1301/1302/2322,2323/Advanced Placement English Literature

**Math (3 credits + 1 for Endorsement)**

- 1<sup>st</sup>: Algebra I
- 2<sup>nd</sup>: Geometry
- 3<sup>rd</sup>: Algebra II, Math Models
- 4<sup>th</sup>: (select one or more)
  - Algebra II
  - Algebraic Reasoning
  - Pre-Calculus
  - AP Statistics
  - AP Calculus AB
  - College Preparatory Math
  - Dual Credit College Algebra
  - Financial Mathematics
  - Agriculture Math

**Science (3 credits + 1 for Endorsement)**

- 1<sup>st</sup>: Biology
- 2<sup>nd</sup>: Chemistry/IPC (based on need)
- 3<sup>rd</sup> and 4<sup>th</sup> credit options:
  - Chemistry (if IPC was 2<sup>nd</sup>)
  - Physics
  - Earth & Space Science
  - Animal Science (CTE)
  - Anatomy & Physiology (CTE)
  - Food Science (CTE)
  - Forensic Science
  - Aquatic 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 (6 credits to include courses for the Endorsement Pathway)**



## Graduation Endorsements

**Graduation Requirements** English: 4 credits \* Math: 3 credits \* Social Studies: 3 credits

Science: 3 credits \* Foreign Language: 2 credits \* Technology: 1 credit \* Health: 1/2 credit

PE: 1 credit \* Fine Arts: 1 credit \* Electives: 5 credits



**Arts and Humanities**

A student may earn this endorsement by completing the following:

The Foundation Graduation Requirements

AND

One additional credit in **math**  
One additional credit in **science**  
CTE science or other approved elective

**PLUS ONE OF THE FOLLOWING OPTIONS**

**FINE ARTS OPTION**

A coherent sequence of four (4) credits from one (1) of the following areas **OR** four (4) credit consisting of two (2) sequential credits from two (2) of the following areas:

- ☒ Art
- ☒ Dance
- ☒ Music
- ☒ Theatre

**LANGUAGE OTHER THAN ENGLISH OPTION**

Four (4) levels in the same language other than English **OR** two (2) levels of one language other than English & two (2) levels of a different language other than English

**SOCIAL STUDIES OPTION**

Five (5) social studies credits

**Business & Industry**

A student may earn this endorsement by completing the following:

The Foundation Graduation Requirements

AND

One additional credit in **math**  
One additional credit in **science**  
CTE science or other approved elective

**AND**

A coherent sequence of courses for four (4) or more credits in CTE that consists of at least two (2) courses in the same career cluster, including:

- ☒ Agriculture, Food, & Natural Resources
- ☒ Architecture & Construction
- ☒ Arts, Administration, Technology & Communications
- ☒ Business Management & Admin
- ☒ Finance
- ☒ Health Science
- ☒ Information & Technology
- ☒ Manufacturing

**Multi-disciplinary**

A student may earn this endorsement by completing the following:

The Foundation Graduation Requirements

AND

One additional credit in **math**  
One additional credit in **science**  
CTE science or other approved elective

**PLUS ONE OF THE FOLLOWING OPTIONS**

**4X4 OPTION**

Four (4) credits in each of the four foundation subject areas (English, math, science & social studies), including English IV and chemistry and/or physics

**ADVANCED CTE COURSE OPTION**

Four (4) Advanced CTE courses that prepare a student to enter the workforce or post-secondary education successfully without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence

**COLLEGE LEVEL COURSE OPTION**

Four (4) credits in College Board Advanced Placement or dual credit courses, selected from English, math, science, social studies, economics, foreign language or fine arts

**Public Service**

A student may earn this endorsement by completing the following:

The Foundation Graduation Requirements

AND

One additional credit in **math**  
One additional credit in **science**  
CTE science or other approved elective

**PLUS ONE OF THE FOLLOWING OPTIONS**

**CTE OPTION**

A coherent sequence of courses for four (4) or more credits in career and technical education that consists of at least two (2) courses in the same career cluster, including:

- ☒ Education & Training
- ☒ Health Science
- ☒ Human Services
- ☒ Law, Public Safety, Corrections & Security

**MC/JROTC OPTION**

Four (4) courses in MC/JROTC

**Science, Technology, Engineering, & Math**

A student may earn this endorsement by completing the following:

The Foundation Graduation Requirements

AND

One additional credit in **math**  
One additional credit in **science**  
CTE science or other approved elective

**PLUS ONE OF THE FOLLOWING OPTIONS**

**CTE OPTION**

A coherent sequence of courses for four (4) or more credits in career and technical education that consists of at least two (2) courses in the same career cluster, including:

- ☒ At least one Advanced Career and Technology Education (CTE) course, and
- ☒ A third course in the sequence from one of the following career clusters:

**Mathematics Option**

Five (5) math credits two (2) of which have Algebra II as a prerequisite

**Science Option**

Five (5) science credits including physics and chemistry

**Combination Option**

A coherent sequence of three (3) additional credits from no more than two of the options above

Revised 6/25/20



# CISD Five-Year Plan with Endorsement Worksheet

NAME: \_\_\_\_\_

ID# \_\_\_\_\_

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

SEX: (M) (F)

## Grad Plan entering 9th grade in 2017-2018

Discipline	Foundation Credits	FHSP with Endorsement
English	4	4
Math	3	4
Science	3	4
Social Studies	3	3
Foreign Language	2	2
Fine Arts	1	1
Physical Education	1	1
Technology	1	1
Electives	4	6
	22	26

The Five Year Plan is intended to give you and your parent(s) a guide to use as your progress through high school. You will want to review the plan each year to make sure you are taking the required courses for graduation. Your academic advisor will have sample Career Plans of Study for each of the Endorsements that are listed on this page. You may use these as guides to help you select courses that support your career goals. Make sure that you are taking the academic courses that support your post-secondary plans.

### My Graduation Plan Type Is:

\_\_\_\_\_ FHSP with Endorsement  
 \_\_\_\_\_ Distinguished Achievement

### Endorsement:

\_\_\_\_\_ STEM  
 \_\_\_\_\_ Business and Industry  
 \_\_\_\_\_ Arts and Humanities  
 \_\_\_\_\_ Public Service  
 \_\_\_\_\_ Multidisciplinary Studies

Career Cluster: \_\_\_\_\_

<b>Office Use Only</b>	
PGD _____	
Date received: _____	
Date(s) Amended / Initial: _____	

	Subject	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade	After High School
1	English						<b>My Post High School plans will take me to:</b> (Check as many as apply) _____ Two Year College _____ Technical Training _____ Four Year College _____ Employment _____ Military _____ Other
2	Math						
3	Science						
4	Social Studies						
5	Elective						
6	Elective						
7	Elective						
8	Elective						

## 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
<b>Description</b>	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
<b>Credit</b>	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
<b>Teacher/Instructors</b>	Taught by specially trained high school teachers.	Taught by college instructor and/or high school teachers who serve as adjunct professors
<b>College/University Acceptance</b>	Accepted at most colleges throughout the nation	Accepted at most public colleges in Texas
<b>Location</b>	AP courses are taught on the high school campus	Dual Credit can be taught at the High School, or College (in-person or on-line)
<b>Eligibility</b>	Open to any student who meets AP criteria in 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
<b>Cost</b>	The high school will pay the cost of the AP exams  Students are responsible to repay the district if they register for the exam and fail to take it  Textbooks are provided by the school	The high school will pay all fees for courses offered at the high school campus  Students are responsible to repay the District if they fail or drop the course  Students pay for textbooks if course is dropped

## 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
- Calculus
- Chemistry
- Economics
- English Language
- English Literature
- Government
- Physics
- Spanish Language
- Spanish Literature
- Statistics
- 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 1<sup>st</sup> nine weeks of the first semester if they have an average below 75 or they may exit at the end of the first semester. If there is no level course for students to exit to, then the student must remain in the class. 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.

**COURSES FOR WHICH THERE IS NO EQUIVALENT LEVEL COURSE AND, THEREFORE,  
NO EXIT INCLUDE:**

- AP Biology
- AP Calculus
- AP Chemistry

## 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: <a href="http://www.lonestar.edu/aa-requirements.htm">http://www.lonestar.edu/aa-requirements.htm</a>	For more information regarding Associate of Science Degree: <a href="http://www.lonestar.edu/as-requirements.htm">http://www.lonestar.edu/as-requirements.htm</a>

Dual Credit courses offered at Cleveland High School for the 2021-2022 school year:



- Algebra
- Biology
- Chemistry
- Calculus
- Economics
- English III
- English IV
- Music Appreciation
- Psychology
- Spanish
- Sociology
- Statistics
- Speech/Professional Communications
- 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.

- 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 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 a 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 350

- Reading: minimum score of 351
- 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 minimum score of 363 in the multiple choice section.

\* 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 a 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 32-33 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 a 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 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**

#### **Testing Schedule for 2021 - 2022**

January 1 – March 31  
April 1 – June 30  
July 1 – September 30  
October 1 – December 31

All registration must be completed and submitted to the counselor 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 Spanish Language	DC Government
AP Calculus	AP Spanish Literature	DC English III
AP Chemistry	AP Human Geography	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	
AP Statistics	DC Texas History	

## SPECIALIZED PROGRAMS

### ENGLISH AS A SECOND LANGUAGE (ESOL/LEP)

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 limited English proficient (LEP) 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 LEP students and incorporates the cultural aspects of each student's background and community. The target language is emphasized to prepare the LEP 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 the 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 tutorial, 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 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 award 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 numerical grade 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 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 which replace a required high school course.

Additional requirements are:

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

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

Levels of courses are those 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 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 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 his/her 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 7% 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, 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 7%. 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 a 1600 on the SAT or ACT's College Readiness Benchmarks

College Course of Course Area	Test	Explore 9 <sup>th</sup> 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](http://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 requirement.
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](http://www.collegeboard.com)**. For information on accommodations, visit the College Board website at **[www.collegeboard.com/ssd/student/time.html](http://www.collegeboard.com/ssd/student/time.html)**. For information on ACT registration and deadlines, visit the ACT website at [www.act.org](http://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 on-line at **[www.applytexas.com](http://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 on-line 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 which 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.

<b>Name</b>	<b>Category</b>	<b>Web Address</b>
SAT	Testing	<a href="http://www.collegeboard.org">www.collegeboard.org</a>
ACT	Testing	<a href="http://www.actstudent.org">www.actstudent.org</a>
Texas Success Initiative	Testing	<a href="http://www.collegeforalltexas.com">www.collegeforalltexas.com</a>
FASTWEB	Scholarships	<a href="http://www.fastweb.com">www.fastweb.com</a>
Scholarships	Scholarships	<a href="http://www.scholarships.com">www.scholarships.com</a>
Minnie Stevens Piper Foundation	Compendium of Texas	<a href="http://www.window.state.tx.us/scholars">www.window.state.tx.us/scholars</a>

## Colleges & Financial Aid Calendar

Texas Common Application	College Application	<a href="http://www.applytexas.org">www.applytexas.org</a>
Common Application	College Application	<a href="http://www.commonapp.org">www.commonapp.org</a>
Universities	College Search	<a href="http://www.universities.com">www.universities.com</a>
FAFSA	Financial Aid	<a href="http://www.fafsa.ed.gov">www.fafsa.ed.gov</a>
Texas Higher Education	Financial Aid	<a href="http://www.collegefortexas.com">www.collegefortexas.com</a>
State Grants	Financial Aid	<a href="http://www.theeb.state.tx.us">www.theeb.state.tx.us</a>
National Aid	Financial Aid	<a href="http://www.finaid.org">www.finaid.org</a>
NCAA Clearinghouse	Athletics	<a href="http://www.eligibilitycenter.com">www.eligibilitycenter.com</a>



## 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, 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](http://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.

## NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



### NCAA Division I Initial-Eligibility Requirements

#### **Core Courses: (16)**

- **Initial full-time collegiate enrollment before August 1, 2016:**
  - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment on or after August 1, 2016:**
  - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
    - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
    - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
  - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

#### **Test Scores: (ACT/SAT)**

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
  - **SAT:** critical reading and math sections.
    - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
  - **ACT:** English, math, reading and science sections.
    - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

#### **Core Grade-Point Average:**

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment before August 1, 2016:**
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
  - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment on or after August 1, 2016:**
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
  - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

<p style="text-align: center;"><b>DIVISION I</b></p> <p style="text-align: center;"><b>Core-Course Requirement (16)</b></p> <ul style="list-style-type: none"> <li>4 years of English</li> <li>3 years of math (Algebra I or higher)</li> <li>2 years of natural/physical science (1 year of lab if offered)</li> <li>1 year of additional English, math or natural/physical science</li> <li>2 years of social science</li> <li>4 years of additional courses (any area above, foreign language or comparative religion/philosophy)</li> </ul>	<p style="text-align: center;"><b>DIVISION I – 2016</b></p> <p style="text-align: center;"><b>Qualifier Requirements</b></p> <p><i>*Athletics aid, practice, and competition</i></p> <ul style="list-style-type: none"> <li>• 16 core courses               <ul style="list-style-type: none"> <li>◦ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science.                   <ul style="list-style-type: none"> <li>▪ "Locked in" for core-course GPA calculation.</li> </ul> </li> </ul> </li> <li>• Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).</li> <li>• Graduate from high school.</li> </ul>	<p style="text-align: center;"><b>DIVISION I – 2016</b></p> <p style="text-align: center;"><b>Academic Redshirt Requirements</b></p> <p><i>*Athletics aid and practice (no competition)</i></p> <ul style="list-style-type: none"> <li>• 16 core courses               <ul style="list-style-type: none"> <li>◦ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).</li> </ul> </li> <li>• Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).</li> <li>• Graduate from high school.</li> </ul>
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Sliding Scale A Use for Division I prior to August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Sliding Scale B Use for Division I beginning August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86



## NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

### Division II Initial-Eligibility Requirements

#### Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

#### Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

#### Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for **competition on or after August 1, 2018**, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

#### **DIVISION II 16 Core Courses**

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

<b>DIVISION II COMPETITION SLIDING SCALE</b>		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

<b>DIVISION II PARTIAL QUALIFIER SLIDING SCALE</b>		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

# 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 8<sup>th</sup> 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

33 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 18<sup>TH</sup> 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 for Speakers of Other Languages (ESOL 1) - 1012

### Prerequisite

LPAC Decision

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

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

## Accelerated English Acquisition - 1014

### Prerequisite

LPAC Decision

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	85000006

### Course Description:

This is a content-based course for ELL students in grades 9-12 who have recently arrived to 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:** Local Credit

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## Practical Writing Skills – 1498

### Prerequisite

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

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## 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

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## 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 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 the academic and work environments.

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

## FOREIGN LANGUAGE

## Spanish I - 8171

### Prerequisite

Recommend a grade of 85 or better in current English class

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-New

**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 a 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 6<sup>th</sup> 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-New

**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 course or placement by approved assessment. Heritage speakers may be allowed to accelerate based on their ability to demonstrate a 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-New

### 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 understand 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 understand 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 a 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 - NEW

### 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 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	03340110/03440220

**Course Description:**

This course is designed for the 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 year's work in one year and receiving two high school credits one per semester. Course Eligibility will be given based on required exam. Credit 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 the 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 year's work in one year and receiving two high school credits one per semester. Course Eligibility will be given based on required exam. Credit 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/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.**

## Geometry - 2213

### Prerequisite

Algebra I Credit/ 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 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.**

## Mathematical Applications in Agriculture, Food, and Natural Resources - NEW

### Prerequisite

One credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	13001000

### Course Description:

In Mathematical Applications in Agriculture, Food, and Natural Resources, students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. To prepare for careers in agriculture, food, and natural resources, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. To prepare for success, students need opportunities to reinforce, apply, and transfer their knowledge and skills related to mathematics in a variety of contexts

**Credit Type:** Math State Credit or Elective Credit

## Mathematical Models With Applications (MMA) - 2345

### Prerequisite

Algebra I or Geometry

Grade Level	Credit	Term	PEIMS:
10-12	1	Year	3102400

### Course Description:

This course provides students opportunities to use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students will use a variety of representations, (concrete, numerical, and graphical), tools, and technology to link modeling techniques and pure mathematical concepts and to solve applied problems.

**Credit Type:** Math State Credit

## 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 a 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 to extend their learning of the basic concepts. They will be provided 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.**

## Algebraic Reasoning - 2346

**Prerequisite**

Algebra I and Geometry

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 workforce and college readiness such as probes, measurement tools and software tools, including spreadsheets.

**Credit Type:** Math State Credit

## Pre-Calculus - 2119

**Prerequisite**

A grade of at least 75 in Geometry and Algebra II for each semester/ 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 Collection, analysis, presentation and interpretation of data, and probability. 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. 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 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 which 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

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

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## 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

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## 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**

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## 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.**

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## 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.**

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## 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

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## 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 home ownership, 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 the 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:
9-12	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:
9-12	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 life-style. 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(local)	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 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 - 8744****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 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 rhythmical 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 rhythmical 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 rhythmical accuracy in several dance styles.

**Credit Type:** Fine Arts State Credit ONLY

**Dance Team I - 8753****Prerequisite**

Admissions Committee Approval and Participation In Drill Team



<b>Grade Level</b> 9-12	<b>Credit</b> 1	<b>Term</b> Year	<b>PEIMS:</b> PES00014
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**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

<b>Grade Level</b> 10-12	<b>Credit</b> 1	<b>Term</b> Year	<b>PEIMS:</b> 3830200
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**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

<b>Grade Level</b> 9-12	<b>Credit</b> 1	<b>Term</b> Year	<b>PEIMS:</b> 3830300
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**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

<b>Grade Level</b> 9-12	<b>Credit</b> 1	<b>Term</b> Year	<b>PEIMS:</b> 3830400
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**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 of 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

Admissions Committee Approval

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

Admissions Committee Approval

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**

Admissions Committee Approval

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**

Admissions Committee Approval

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, analysts, 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:
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09-12

.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

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## Office Practices - 8756

**Prerequisite**

None

**Grade Level**

12

**Credit**

0.5-1

**Term**

Semester/Year

**PEIMS:**

85000005

**Course Description:**

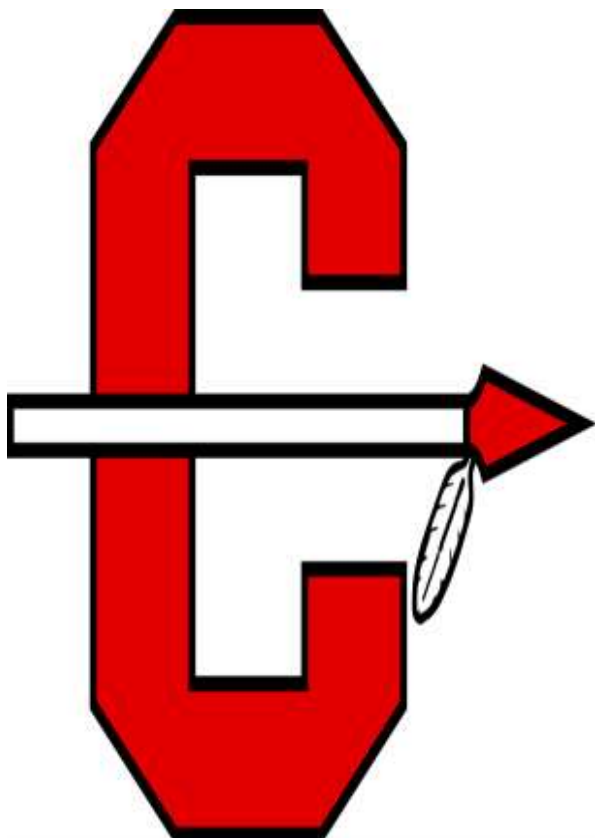
Students are assigned to aide in general clerical work, filing, errands, etc. for the discipline center, the receptionist and the principal's/asst. principals' offices, counselors office and library. Credit does not count toward the required graduation credits.

**Credit Type:** Local Credit

## **CAREER AND TECHNICAL EDUCATION**

### **AGRICULTURE, FOOD, AND NATURAL RESOURCES**

#### **Animal Science**



##### **Level 1**

Principles of Agriculture, Food, and Natural Resources

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##### **Level 2**

Small Animal Management  
Equine Science

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##### **Level 3**

Livestock Production

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**Level 4**

Veterinary Medical Applications

Practicum of Agriculture, Food, and Natural Resources

**Certifications**

Certified Veterinary Assistant

Hunters Education

Boaters Safety

OSHA 30 Hour General

**Animal Science Course Descriptions****Principles of Agriculture, Food & Natural Resources - 8547****Prerequisite**

None

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
10-12	.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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
10-12	.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

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## 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

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## 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

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## 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

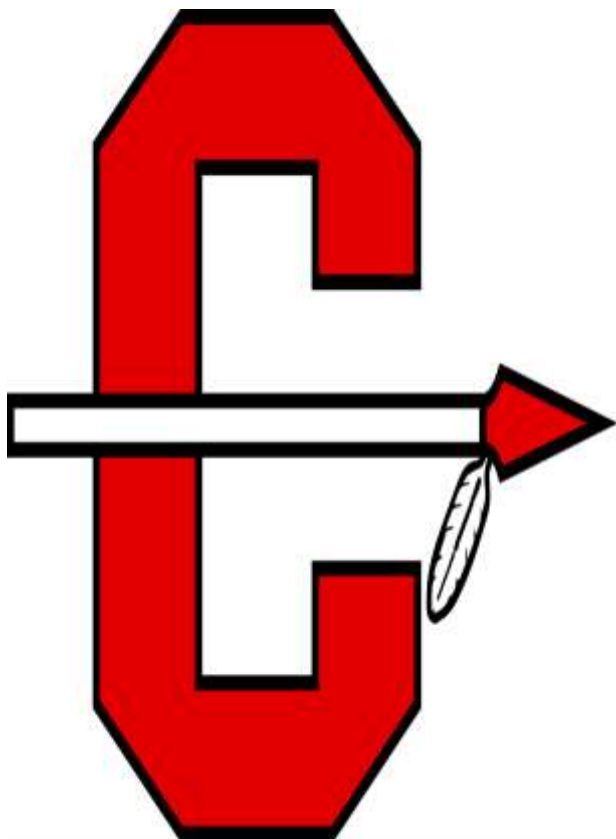
**Course Description:**

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

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## Applied Agricultural Engineering



### **Level 1**

Principles of Agriculture, Food, and Natural Resources

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### **Level 2**

Agricultural Mechanics and Metal Technologies

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### **Level 3**

Agricultural Structures Design and Fabrications

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### **Level 4**

Practicum of Agriculture, Food, and Natural Resources

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### **Certifications**

AWS D1.1 or D9.1

OSHA 30 Hour General

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## Applied Agricultural Engineering Course Descriptions

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### Principles of Agriculture, Food & Natural Resources - 8547

**Prerequisite**

None

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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### Agricultural Mechanics & Metal Technologies - 8617

**Prerequisite**

Principles of Agriculture

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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### Agricultural Structures Design and Fabrications

**Prerequisite**

Principles of Agriculture, AG Mechanics &amp; Metal Technologies

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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.

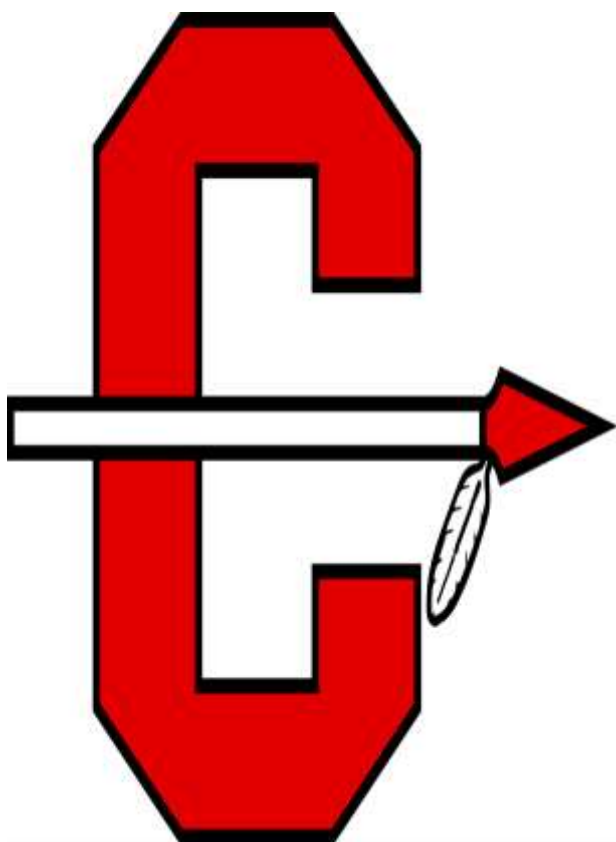
**Grade Level**  
11-12**Credit**  
2**Term**  
Year**PEIMS:**  
13002500**Course Description:**

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

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## Plant Science

**Level 1**

Principles of Agriculture, Food, and Natural Resources

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**Level 2**

Landscape Design and Management  
Turf Grass Management

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**Level 3**

Floral Design

Horticultural Science

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**Level 4**

Advanced Floral Design

Advanced Plant and Soil Science

Practicum of Agriculture, Food, and Natural Resources

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**Certifications**Texas State Floral Association Knowledge Based  
CertificationTexas State Floral Association Level One Floral  
CertificationTexas State Floral Association Level Two Floral  
Certification

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**Plant Science Course Descriptions**

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**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	.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

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## Turf Grass Management - 8611

**Prerequisite**

Principles of Agriculture, Horticultural Science

Grade Level	Credit	Term	PEIMS:
10-12	.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

---

## 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

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## 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 -

**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	Credit	Term	PEIMS:
11-12	2	Year	13002500

**Course Description:**

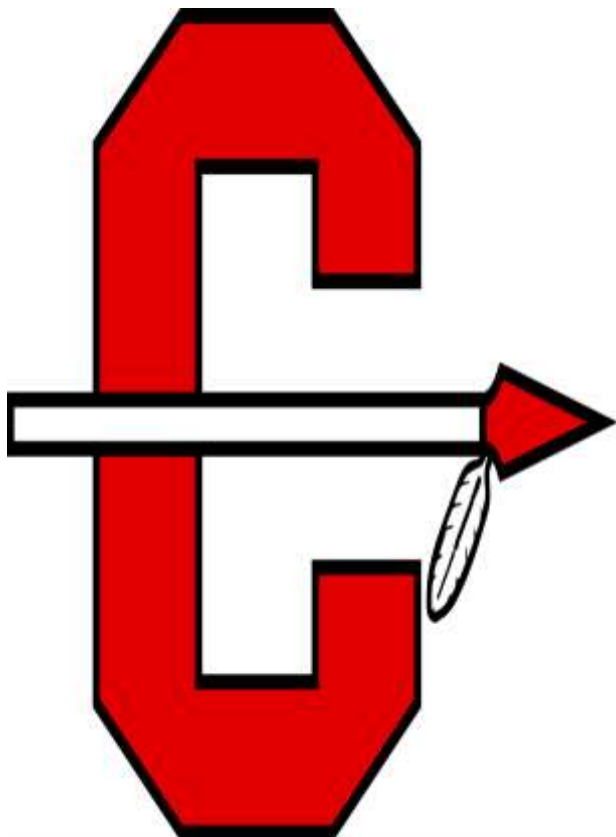
The goal of this class is to prepare students with a variety of skills for a fast-changing workplace. Students are taught various employability skills including job-specific skills applicable to their training station; job interview techniques, communication skills, financial and budget activities; human 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

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# Architecture and Construction

## Carpentry



### Level 1

Principles of Construction

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### Level 2

Construction Technology I

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### Level 3

Construction Technology II  
Mill & Cabinetmaking Technology

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### Level 4

Practicum in Construction Technology  
Career Preparation I

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**Certifications**

NCCER Carpentry, Level 1 &amp; 2

OSHA 30 Hour General

NCCER Core

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**Carpentry Course Descriptions**

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**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

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## 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

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## Practicum Construction Tech - 8653

**Prerequisite**

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

Grade Level	Credit	Term	PEIMS:
12	2	Year	13005250

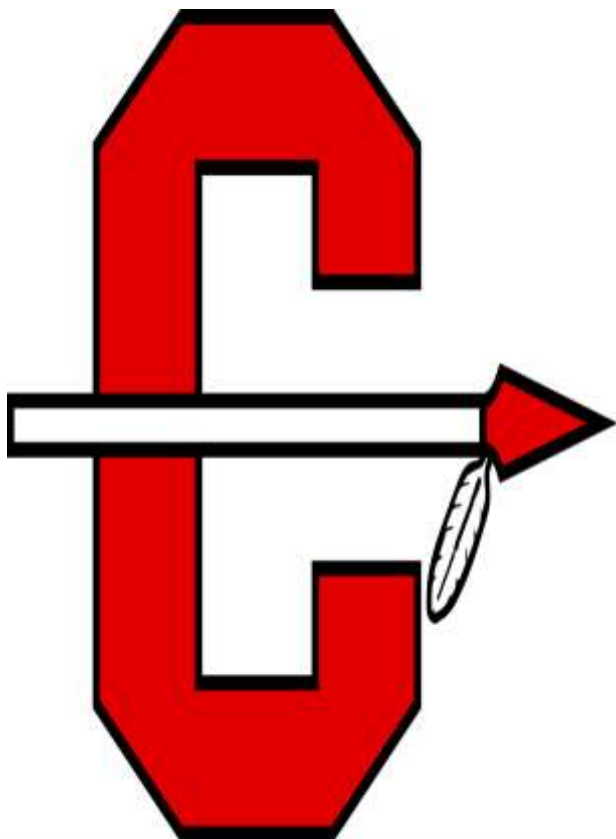
**Course Description:**

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

## Welding

**Level 1**Introduction to Welding

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**Level 2**Welding I

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**Level 3**Welding II

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**Level 4**Practicum in Manufacturing  
Career Preparation I

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

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## Carpentry Course Descriptions

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### Introduction to Welding-

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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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.

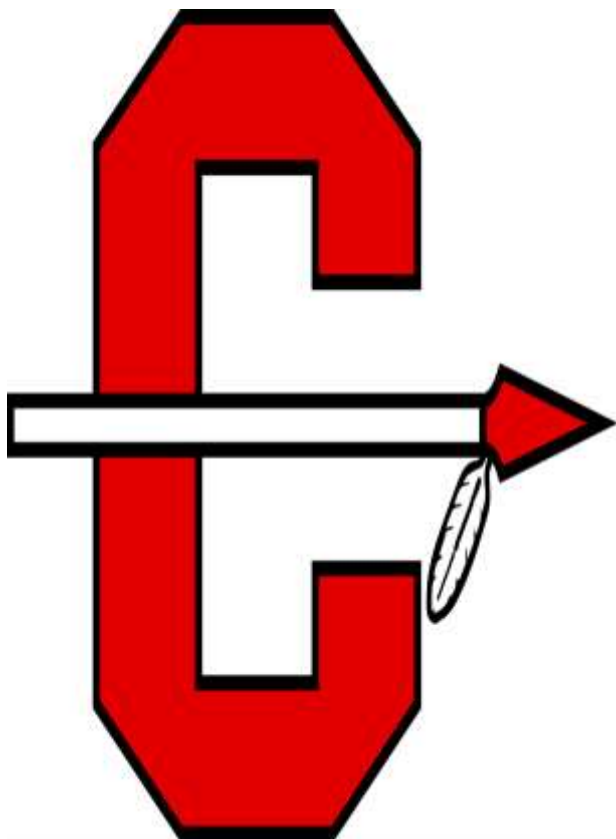
**Credit Type:** Elective State Credit

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## **ARTS, AUDIO/VISUAL TECHNOLOGY AND COMMUNICATIONS**

### **Digital Communications**



**Level 1**

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

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**Level 2**

Audio Video Production I

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**Level 3**

Audio Video Production II

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**Level 4**

Practicum of Audio Video Production

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**Certifications**

Microsoft Office Specialist Word  
Microsoft Office Specialist Excel

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## Digital Communications Course Descriptions

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### 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

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### 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 &amp; 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 &amp; 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

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**Practicum of Audio Video Production I -****Prerequisite**

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

**Grade Level**

12

**Credit**

2

**Term**

Year

**PEIMS:**

172050

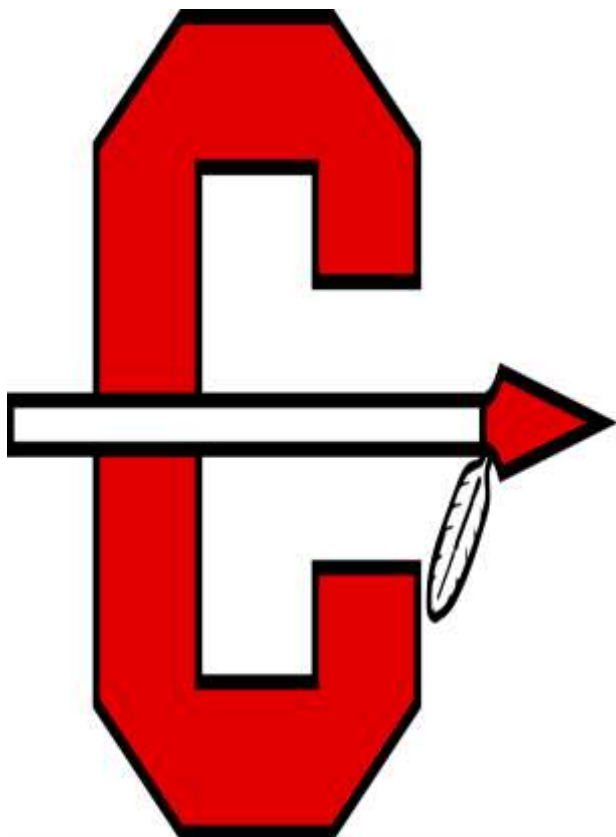
**Course Description:**

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

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## Design & Multimedia Arts



**Level 1**

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

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**Level 2**

Animation I  
Graphic Design & Illustration I

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**Level 3**

Animation II  
Graphic Design & Illustration II

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**Level 4**

Practicum in Animation

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**Certifications**

Microsoft Office Specialist Word  
Microsoft Office Specialist Excel

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## Design & Multimedia Arts Course Descriptions

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### 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:
11-12	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

## Graphic Design & Illustration I - 8552

**Prerequisite**

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

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

## Animation II - 8539

**Prerequisite**

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

Grade Level	Credit	Term	PEIMS:
11-12	2	Year	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

## Graphic Design & Illustration II - 8554

**Prerequisite**

Principles of Arts, Audio Video Technology &amp; Communications, Audio Video Production I, and Graphic Design &amp; Illustration I

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
11-12	1	Year	13008900

**Course Description:**

This course is a continuation of Graphic Design and Illustration providing students with hands-on experience working from concept to finish in a variety of formats. Students gain advanced knowledge of current computer software and techniques while applying them to class assignments and freelance jobs. This course is part of the Art, AV Tech & Communications statewide course.

**Credit Type:** Elective State Credit**Practicum in Animation - 8537****Prerequisite**

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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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 &amp; Communications, Audio Video Production I

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
12	1	Year	13008600

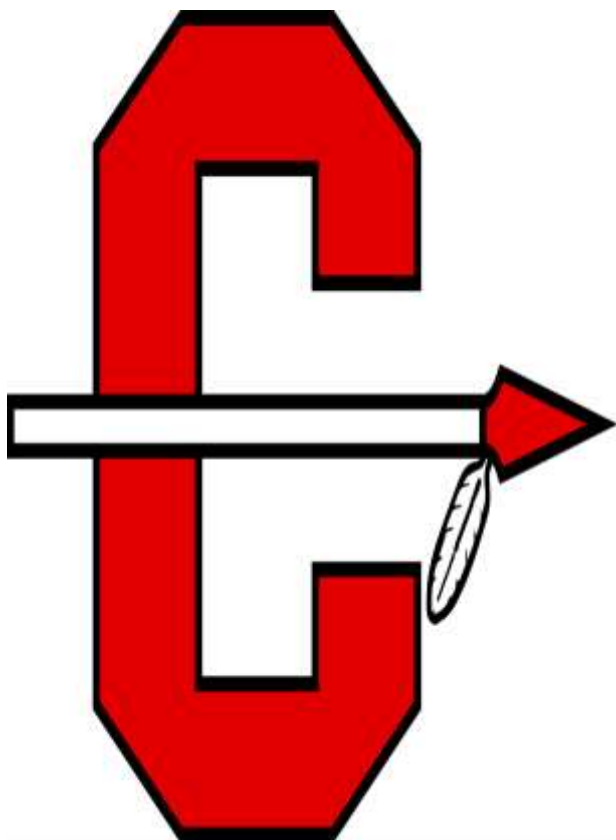
**Course Description:**

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

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#### **Level 2**

Accounting I  
Financial Math

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#### **Level 3**

Accounting II

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#### **Level 4**

Career Preparation I

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**Certifications**

Microsoft Office Specialist Word

Microsoft Office Specialist Excel

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**Accounting & Financial Services Course Descriptions**


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**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



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## 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 &amp; 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

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## 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

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## Career Preparation I - 8517

**Prerequisite**

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

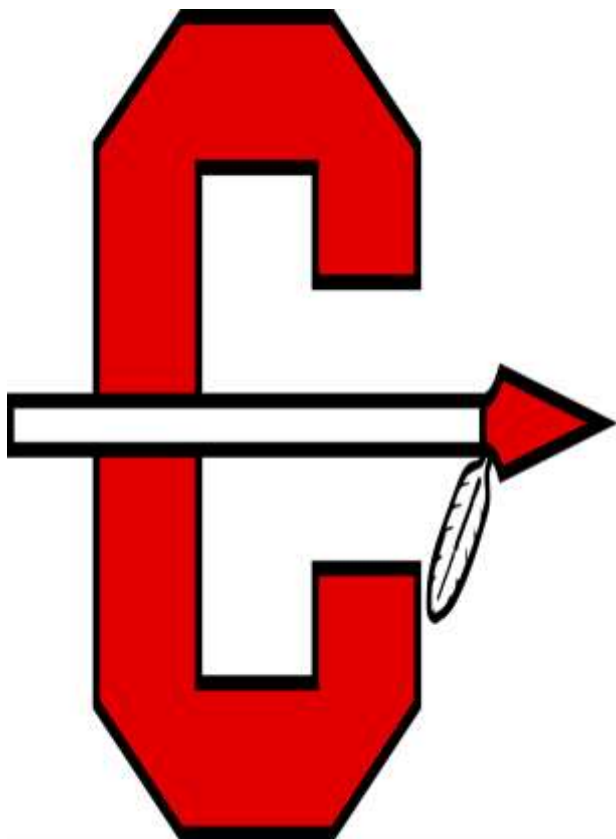
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

**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

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### **Level 2**

Business Law  
Business Information Management II

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### **Level 3**

Business Management

---

### **Level 4**

Career Preparation I

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### **Certifications**

Microsoft Office Specialist Word  
Microsoft Office Specialist Excel

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## Business Management Course Descriptions

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### 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

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### 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

## Career Preparation I - 8517

### Prerequisite

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

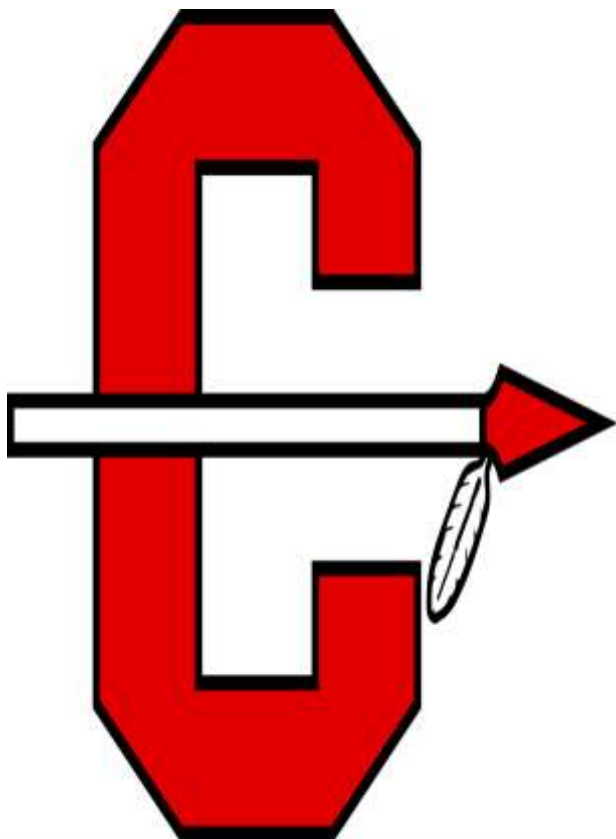
Grade Level	Credit	Term	PEIMS:
11-12	2	Year	12701300

### 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

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### **Level 2**

Fashion Marketing

Sports & Entertainment Marketing

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### **Level 3**

Social Media Marketing

Advertising

---

### **Level 4**

Career Preparation I

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### **Certifications**

Microsoft Office Specialist Word

Microsoft Office Specialist Excel

## Marketing & Sales Course Descriptions

### Principles of Business, Marketing & Finance - 8531

**Prerequisite**

None

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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## 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 and 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

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## 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:**

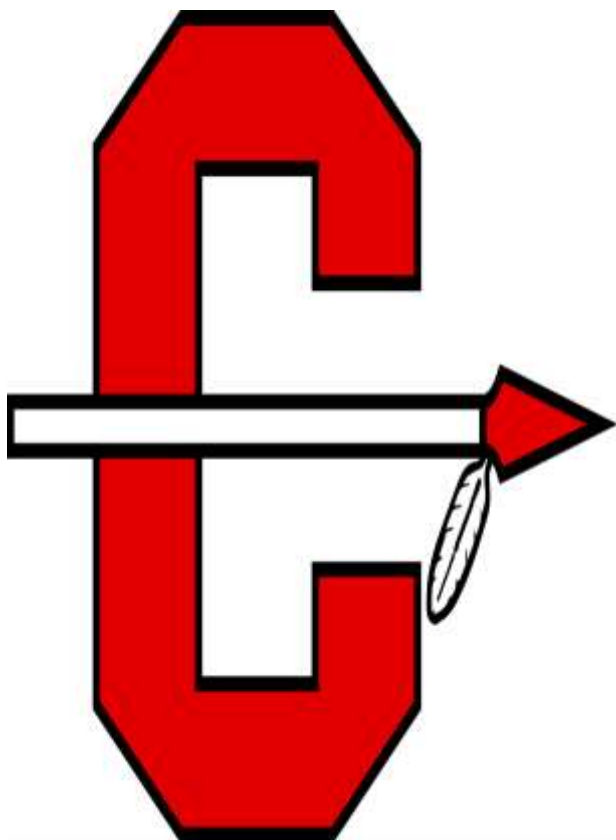
This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, 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

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### **Level 2**

Culinary Arts

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### **Level 3**

Advanced Culinary Arts

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### **Level 4**

Food Science  
Practicum in Culinary Arts

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**Certifications**

ServSafe

ManageFirst Professional

Food Handlers

**Culinary Arts Course Descriptions****Introduction to Culinary Arts - 8624****Prerequisite**

None

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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 &amp; Tourism, Intro to Culinary Arts, Culinary Arts

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

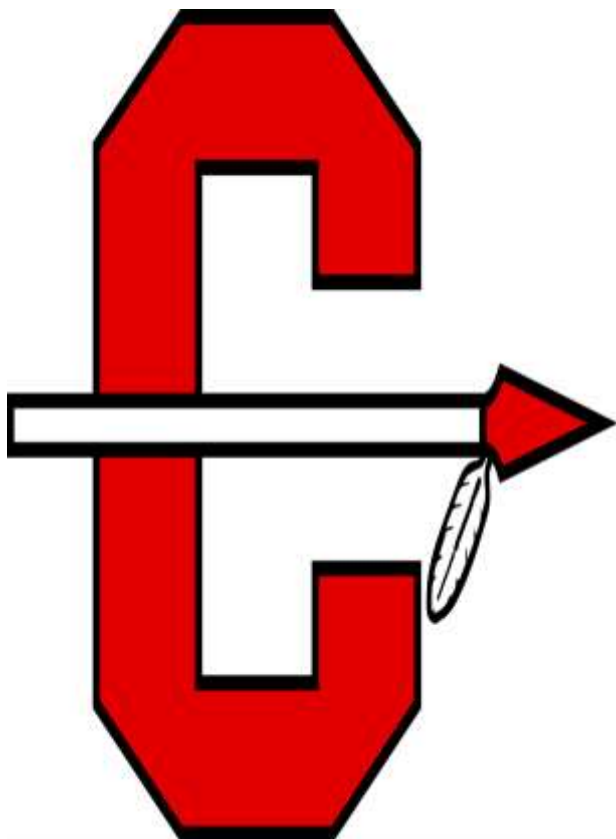
**Course Description:**

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.**

**INFORMATION TECHNOLOGY****Networking Systems**



### **Level 1**

Principles of Information Technology

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### **Level 2**

Computer Maintenance

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### **Level 3**

Networking

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### **Level 4**

Career Preparation I

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### **Certifications**

CompTIA A++  
CompTIA Network+  
CompTIA Security+  
Microsoft Office Word  
Microsoft Office Specialist Excel

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## Networking Systems Course Descriptions

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### 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**

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### 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**

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### 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**

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## 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

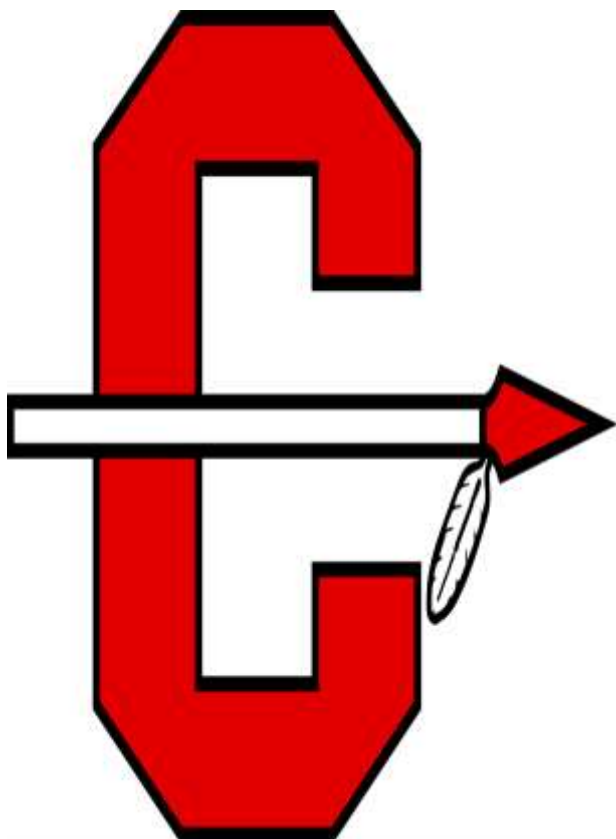
**Course Description:**

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

### Engineering



**Level 1**Principles of Applied Engineering

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**Level 2**Manufacturing Engineering Technology I

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**Level 3**Aerospace Engineering

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**Level 4**Engineering Design & Problem Solving  
Practicum in STEM

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**Certifications**Federal Aviation Administration Part 107 Remote Drone Pilot

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**Engineering Course Descriptions**

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**Principles of Applied Engineering - 4561****Prerequisite**

None

**Grade Level**

9-10

**Credit**

1

**Term**

Year

**PEIMS:**

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 application to complete assignments and projects.

**Credit Type:** Elective State Credit**This course is part of the Science Technology Engineering and Math endorsement in Robotics.**

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**Manufacturing Engineering Technology 1-****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 -

**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.

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## **Practicum in Science, Technology, Engineering, and Mathematics**

### **Prerequisite**

Required: Algebra I and Geometry/ Principles of Applied Engineering

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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.

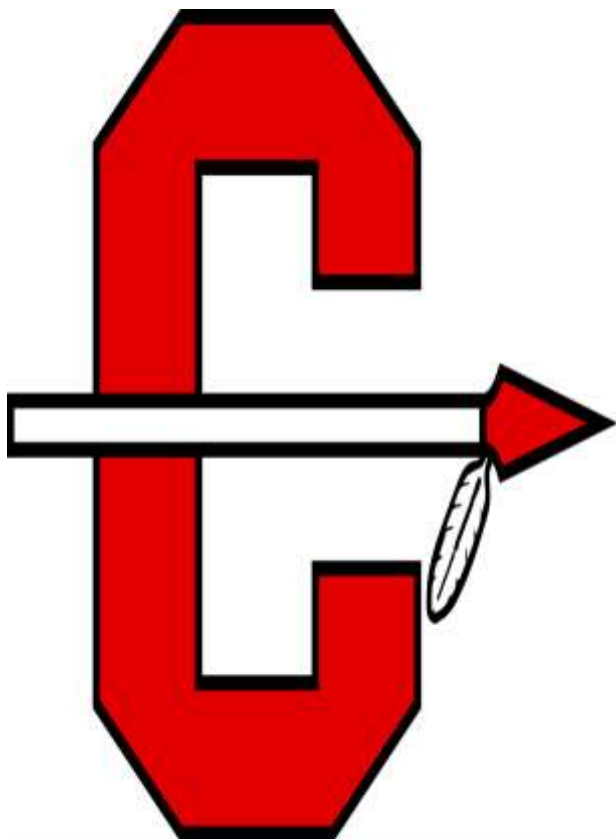
**Credit Type:** Elective State Credit or Math State Credit

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

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## **LAW & PUBLIC SERVICE**

### **Law Enforcement**



### **Level 1**

Principles of Law, Public Safety, Corrections, & Security

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### **Level 2**

Law Enforcement I

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### **Level 3**

Law Enforcement II  
Correctional Services

---

### **Level 4**

Forensic Science

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### **Certifications**

Non-Commissioned Security Officer Level II

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## Law Enforcement Course Descriptions

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### 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.**


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### 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

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### 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:

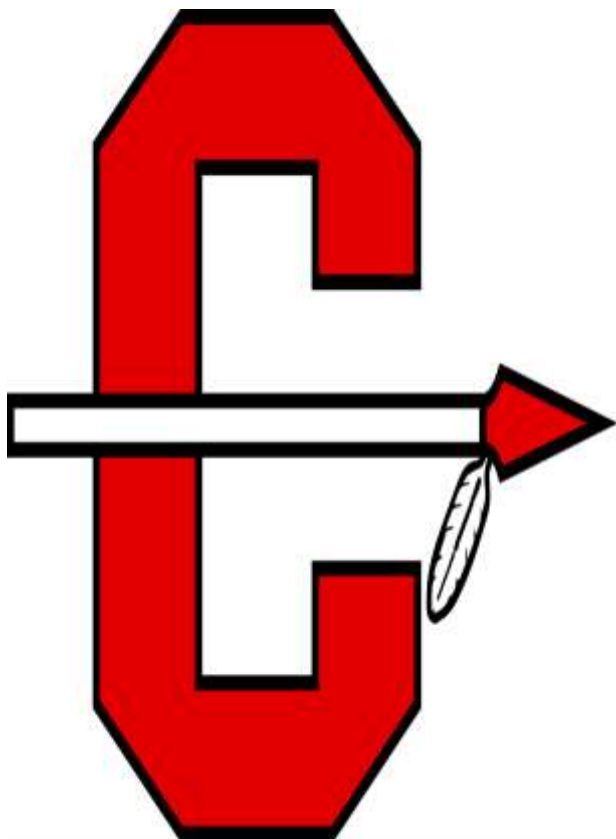
Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as 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

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## HEALTH SCIENCE

### Exercise Science & Wellness



### **Level 1**

Principles of Exercise Science & Wellness

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### **Level 2**

Kinesiology I

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### **Level 3**

Anatomy & Physiology

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### **Level 4**

Career Preparation I

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### **Certifications**

Certified Personal Trainer

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## Exercise Science & Wellness Course Descriptions

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### Principles of Exercise Science & Wellness

Exercise Science & Wellness has been recently revised to accommodate course work required for graduate study and careers in Physical Therapy, Occupational Therapy, Chiropractic, Cardiac Rehabilitation, Physiotherapy, Kinesiotherapy, and other health-related professions. This concentration also enables students for careers in Community Health and Wellness, Corporate Wellness, Personal Training, and Athletic Strength Coach.

#### Kinesiology I

### Principles of Exercise Science & Wellness -

#### Prerequisite

None

Grade Level	Credit	Term	PEIMS:
9-12	1	Year	

#### Course Description:

Principles of Exercise Science & Wellness provides an overview of Physical Therapy, Occupational Therapy, Chiropractic, Cardiac Rehabilitation, Physiotherapy, Kinesiotherapy, and other health-related topics. This concentration is designed for students interested in careers involving Community Health and Wellness, Corporate Wellness, Personal Training, and Athletic Strength Coach.

**Credit Type:** State Science Credit or 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

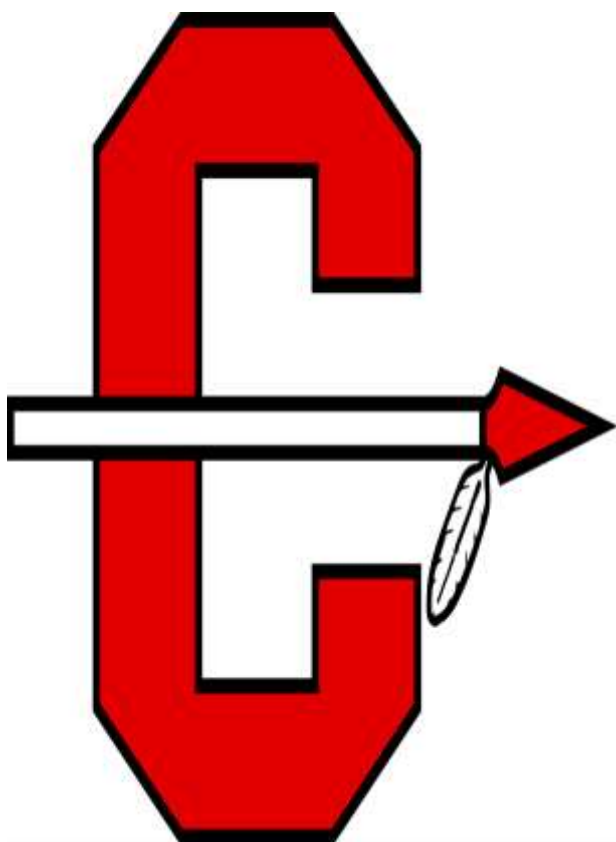
#### Course Description:

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

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## Health Informatics



### Level 1

Principles of Health Science  
Medical Terminology

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### Level 2

Business Information Management I

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**Level 3**

Health Informatics

**Level 4**

Mathematics for Medical Professionals

**Certifications**

Certified Coding Associate

Medical Coding &amp; 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

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## 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.**

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## 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:

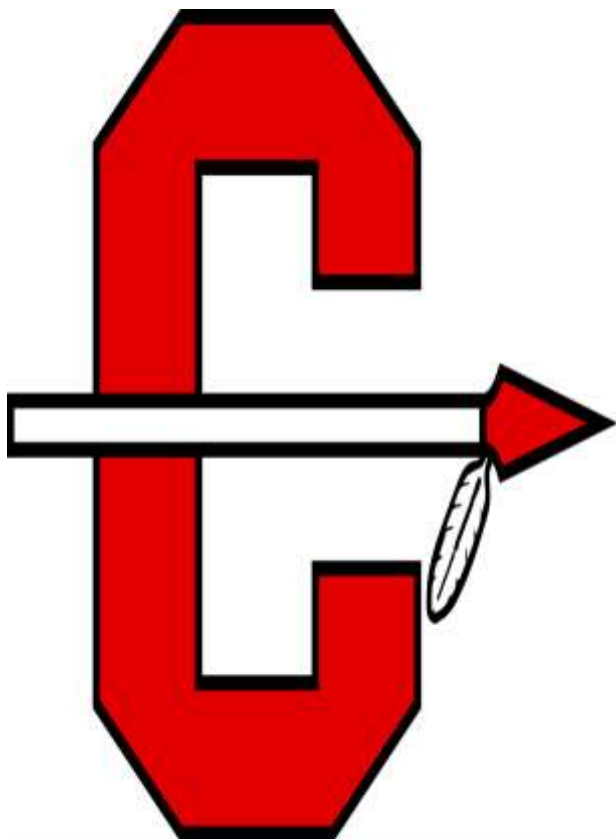
The Mathematics for Medical Professionals course is designed to serve as the driving force behind the Texas essential knowledge and skills for mathematics, guided by the college and career readiness standards. By embedding statistics, probability, and finance, while focusing on fluency and solid understanding 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.**

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## Nursing Science



### **Level 1**

Principles of Health Science

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### **Level 2**

Medical Terminology

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### **Level 3**

Anatomy & Physiology

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### **Level 4**

Practicum in Nursing

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### **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

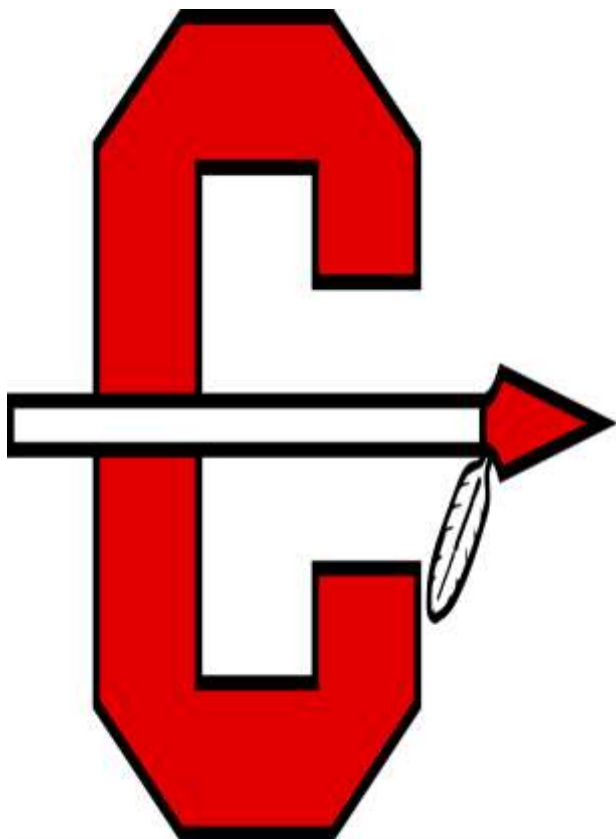
**Course Description:**

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

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#### **Level 2**

Human Growth & Development

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#### **Level 3**

Instructional Practices

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#### **Level 4**

Practicum in Education and Training

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#### **Certifications**

Educational Aide I

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**Teaching & Training Course Descriptions**

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**Principles of Education & Training - 8968****Prerequisite**

None

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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**Human Growth & Development - 8972****Prerequisite**

Principles of Education &amp; Training

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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**Instructional Practices - 8973****Prerequisite**

Principles of Education &amp; Training/Human Growth &amp; Development

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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## Practicum in Education & Training - 8974

### Prerequisite

Principles of Education & Training/Human Growth & Development/Instructional Practices

### Grade Level

11-12

### Credit

2

### Term

Year

### PEIMS:

13014500

### Course Description:

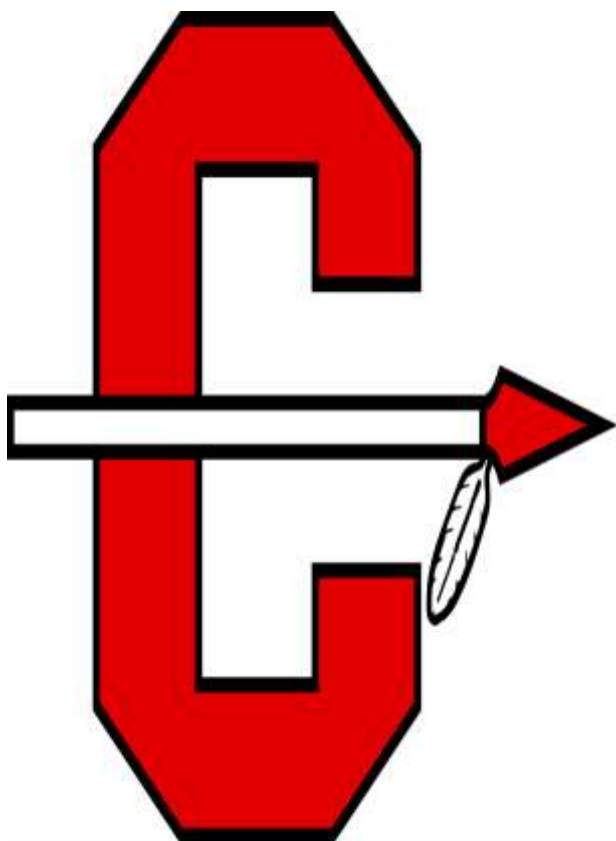
Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both 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

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## COSMETOLOGY



**Level 1**

Principles of Cosmetology Design and Color Theory

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**Level 2**

Introduction to Cosmetology

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**Level 3**

Cosmetology I

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**Level 4**

Cosmetology II

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**Certifications**

Cosmetology Operator License

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## Cosmetology Course Descriptions

### Principles of Cosmetology Design and Color Theory

**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

**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

**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

**Prerequisite**

Introduction to Cosmetology, Cosmetology I

Grade Level	Credit	Term	PEIMS:
10-11	2	Year	13025300



**Course Description:**

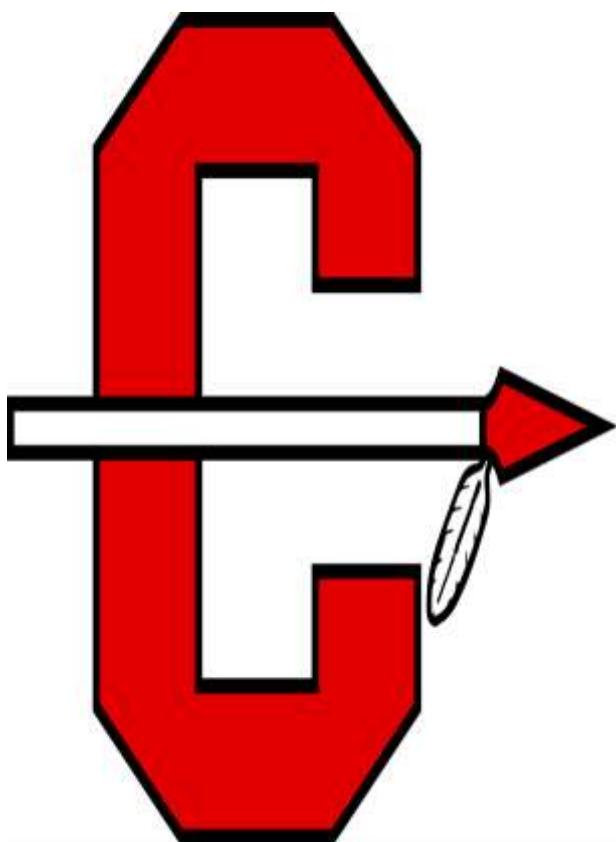
Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination.

**Credit Type:** State Elective Credit

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## TRANSPORTATION, DISTRIBUTION, & LOGISTICS

### Drone (Unmanned Flight)

**Level 1**

Introduction to Aerospace and Aviation

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**Level 2**

Robotics I

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**Level 3**

Robotics II

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**Level 4**Practicum in Manufacturing

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**Certifications**Federal Aviation Administration Part 107 Remote Drone Pilot

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**Drone (Unmanned Flight) Course Descriptions**

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**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.**

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**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.**

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**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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

## Student to Industry Connection-NEW (Career Development)

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

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

## School to College-NEW (Social Studies)

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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 Postsecondary 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

### College Transition-NEW (General Elective)

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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-NEW (General Elective)

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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-NEW (General Elective)**

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
9-12	.5	Spring	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

### **Orientation and Mobility (General Elective)**

**Prerequisite:** Recommended by O&M Specialist and listed in IEP

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

### **Making Connections I (General Elective)**

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
9-12	.5	Fall	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 (General Elective)**

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
9-12	.5	Spring	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 (General Elective)**

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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 (General Elective)**

**Prerequisite for Special Education specific sections**

IEP Committee Recommendation

<b>Grade Level</b>	<b>Credit</b>	<b>Term</b>	<b>PEIMS:</b>
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

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## 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

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## 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

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## 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

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