2024-2025

Calhoun High School

Course Guide

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CALHOUN HIGH SCHOOL MISSION STATEMENT

Calhoun High School will prepare all students to be competent, confident contributors to our technologically advancing and rapidly changing multicultural society; and, therefore, our goals are:

1. To provide learning opportunities that are engaging, rigorous, relevant, and which transcend state standards while meeting individual needs.
2. To focus the use of our resources to close achievement gaps and facilitate quality learning for all students.
3. To ensure a compassionate, effective, innovative, and highly motivated staff to accomplish our mission.
4. To provide learning environments that are safe and secure for all students, faculty, and staff.
5. To develop and implement a parent and community involvement program that promotes all stakeholders as partners in the education of our students.

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The information presented in this course guide is extremely valuable to secondary school students and their parents. Charting courses through high school and beyond is of critical importance and should be attended to with the utmost of care. Thus, it is important that you keep this material so that you may refer to it as needed in the future. Student's official course guide is based on the high school entry year.

Additional information can be found on the Calhoun County ISD website, www.calcoisd.org

You are hereby notified that, because this information is published early for the next school year, changes in procedures, policies, or course offerings may be required. Information in this course guide is, therefore, subject to change. Additionally, changes made by the Texas Education Agency may subject the contents of this course guide to change. Parents and students will receive notification of changes.

CALHOUN COUNTY

INDEPENDENT SCHOOL DISTRICT

2024-2025

Board of Trustees

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Calhoun High School

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Brent Niemier, Assistant Principal 10th & 11th
Wesley Wyatt, Assistant Principal 9th & 12th
Brandi Williams, CTE Coordinator / Counselor
Sandra Rudellat, Counselor (A – L)
Blan Willoughby, Counselor (M – Z)
Lance Schultz, Counselor (Career & Technical Education)

ASSURANCE OF NONDISCRIMINATION

No student shall be denied the right to participate in any program, education service, or activity because of the student's race, religion, color, sex, national origin, disability, handicap, limited English proficiency, English as a second language, or at-risk student by Calhoun County ISD or the Career and Technology Education program.

A ningún estudiante se le puede negar el derecho a participar en cualquier programa, servicio educativo o actividad por motivos de raza , religión , color, sexo del estudiante , origen nacional, discapacidad, minusvalía , dominio limitado del Inglés , Inglés como segunda lengua , o estudiante "at-risk" por Condado de Calhoun ISD o el programa de Carrera y Educación Tecnológica.

ADMISSION FOR NEW STUDENTS

Students enrolling at CHS must be accompanied by parent(s) and must provide:

- Birth Certificate
- Social Security card
- Proof of residence (such as water or electricity bill with name and address)
- Transcripts and report cards from last school attended
- Guardianship papers for students not living with their parents
- Photo ID of guardian
- School withdrawal forms
- Evidence of required immunizations

GRADE CLASSIFICATION

Students are classified according to the total number of credits that have been earned. *Reclassifications are made only at the beginning of each school year.*

Required classification credits are listed below:

Freshmen (09th grade)	Less than 5 credits
Sophomore (10th grade)	5 credits
Junior (11th grade)	12 credits
Senior (12th grade)	19 credits

SCHEDULING PROCESS

This course guide will provide programs of studies and a brief description of prerequisites and content of the courses offered by Calhoun County Independent School District. The descriptions should be consulted while selecting courses for next year. Availability of courses listed in the program guide depends on student requests, staffing and other resources available.

Pre-registration will take place in the spring of each school year. Students are urged to plan their course selections carefully. Students will be invited to view schedules and request any change before school begins. Although students will receive assistance from the school counselors during the pre-registration process, the responsibility for selecting career and graduation choices rests with students and parents. Students will choose specific courses with parental approval, and counselors will verify that those choices will meet graduation requirements. **Important: Students' official course guide is based on their high school entrance year.**

GRADUATION REQUIREMENTS

Graduation in the State of Texas has two components: earning the correct number of credits and meeting state testing requirements.

EARNING CREDITS
The school year is divided into two semesters: Fall and Spring. Each semester has two grading periods. The semester grade is a combination of the grades awarded for each grading period and for the final exam.

STATE CREDIT COURSES
All courses which are to be counted toward grade level classification and graduation requirements must be state approved courses. Students must complete the correct graduation plan for their cohort (upon entering high school) to receive a diploma. This requirement may be waived under certain circumstances.

MEETING STATE TESTING REQUIREMENTS:
Beginning in 2011-2012, the State of Texas began requiring students to take the State of Texas Assessment of Academic Readiness (STAAR) end-of-course (EOC) exams in five subjects:

- English I (Reading and Writing)
- English II (Reading and Writing)
- Algebra I
- Biology
- U.S. History

EOCs are offered in Spring, Summer, and Fall

ADDITIONAL REQUIREMENTS

- Students must demonstrate proficiency in speech as determined by the district.
- The Texas Administrative Code (TAC) 74.38 states CPR instruction must be provided to each student at least once before graduation from high school.
- Students who enter high school in 2018-19 and after are required to receive instruction in the proper interaction with peace officers during traffic stops and other in-person encounters.
- Beginning with students enrolled in 12th grade during the 2021-2022 school year, each student must do one of the following in order to graduate: Complete and submit a Free Application for Federal Student Aid (FAFSA), Complete and submit a Texas Application for State Financial Aid (TASFA), or submit a signed opt-out form.

RANKING

See EIC Local Policy on-line at http://pol.tasb.org/Home/Index/248. Significant changes have been made to the Academic Achievement/Class Ranking Policy for students in the graduating class of 2023 and beyond. All parents and students are encouraged to read Policy EIC (LOCAL) so that they are familiar with requirements and procedures.

CLASS RANK FRESHMEN ENTERING 2019-2020 & BEYOND

A student's overall class rank will be determined by applying the weights listed below and governed by local Board Policy EIC. Class rank is based upon a weighted grade point average of semester grades earned in high school credit courses taken at any grade level, unless excluded. Courses taken through other methods (such as credit recovery, any local credit course, any independent study course, and any dual credit course not taken on a District campus and grades earned through credit-by-examination, with prior instruction) are excluded from inclusion in class rank. Ranking is based on the student's high school entrance year. Students may not have a repeated course count more than once in GPA and ranking calculations. For the purposes of GPA and rank, the grade earned the first time that the course was taken will be used in calculations. This includes AP and dual credit courses that are considered equivalent.

Weights are assigned to semester grades, including failing grades, earned in eligible courses and calculate a weighted grade point average in accordance with the following:

Level 6: Eligible AP, dual credit, and OnRamps courses shall be categorized and weighted as Level 6 courses.

Level 5: Eligible Pre-AP courses and other courses locally designated as advanced shall be categorized and weighted as Level 5 courses.

Level 4: All other eligible courses shall be categorized and weighted as Level 4 courses.

Ranking Chart - Students entering 2019-2020 & after (updated for 24/25)

Level 4	Level 4	Level 4
Accelerated Spanish 1, 2	Ethnic Studies: Mexican American Studies	ROTC 1, 2
Accounting 1	Fashion Design 1	Reading 1, 2
Adv. Quantitative Reasoning	Financial Mathematics	Robotics 1
Ag Mechanics & Metal Tech	Floral Design	Sandettes 1, 2
Algebra 1	Foundations of Energy	Small Animal Management
Algebra 2	Fundamentals of Computer Sci.	Special Topics in Social Studies
Algebraic Reasoning	General Employability Skills	Sociology
Animation	Geometry	Spanish 1, 2
Applied Music 1, 2 (piano,band, choir)	Government	Special Topics in Lang. & Culture
Applied Physics & Engineering	Graphic Design 1	Sports Medicine 1
Aquatic Science	Greenhouse Operation & Prod.	Strategic Math
Art 1, 2	Health	Student Leadership
Art Appreciation	Human Growth & Development	Technical Theatre 1, 2
Athletics 1, 2 (incl sports)	Integrated Physics & Chemistry	Theatre & Media Communication 1
A/V production 1	Introduction to Welding	Theatre 1, 2
Band 1, 2	Lifetime Nutrition & Wellness	Theatre Production 1
Beginner Band	Livestock Production	Touch Systems Data
Biology	Mariachi 1, 2	US History
Business Information Mgt 1	Mathematical Models w/Appl.	Virtual Business
Career Preparation General	Medical Terminology	Web Technologies
Cheerleading 1, 2	Money Matters	Welding 1
Chemistry	Multilingual Acculturation Studies	Wildlife, Fish. & Ecologies
Child Development	Music Studies	World Geography
Chinese 1, 2	Musical Theatre 1, 2	World History
Choir 1, 2	Newcomers English Lang Dev A	Yearbook 1
College Prep English	Newcomers English Lang Dev B	TxVSN - high school courses
College Prep Math	PE 1, 2, 3, 4	Credit by Exam for acceleration
College Readiness & Study Skills	Personal Financial Literacy	Regular courses for acceleration offered at CHS
Colorguard 1, 2	Physics	
Communication Applications	Piano 1, 2	**No Rank**
Computer Maintenance w/Lab	Plumbing Technology 1	Academy (local)
Computer Programming 1	Practical Writing Skills	Credit by Exam for credit recovery
Computer Science 1	Precalculus	Credit Recovery
Construction Technology 1	Principles of Ag, Food & Nat Res.	ESL Study Hall (local)
Debate 1	Principles of Applied Eng.	Sports Manager (local)
Diversified Manufacturing 1	Principles of Arts, Audio/Vis Tech	STAAR classes (local)
Economics	Principles of Bus., Mktg. & Fin.	Student Aide (local)
Electrical Technology 1	Principles of Construction	Student Leadership 2 (local)
Engineering Design Process	Principles of Health Science	Study Hall (local)
Engineering Essentials	Principles of Human Services	Trainer (local)
English 1, 2, 3, 4	Principles of Information Tech.	Tutoring (local)
Entrepreneurship	Principles of Manufacturing	Unified P.E. (local)
Environmental Systems	Project Based Research	Dual Credit, Dual Enrollment, Correspondence, & Independent Study courses that are not otherwise addressed on the rank chart.
Equine Science	Principles of Technology	
ESOL 1, 2	Psychology	

Ranking Chart - Students entering 2019-2020 & after (updated for 24/25)

Level 5	Level 5	Level 6
Accounting 2	Mariachi 3, 4	AP Art
Advanced Animal Science	Musical Theatre 3, 4	AP Biology 2
Advanced Art Block	Honors Algebra 1	AP Calculus AB
Advanced Plant & Soil Science	Honors Algebra 2	AP Calculus BC
Advanced Floral Design	Honors Biology	AP Chemistry 2
Ag Equipment Design & Fab.	Honors Chemistry	AP Chinese
Ag Structures Design & Fab.	Honors English 1	AP Computer Sci Principles A
Anatomy & Physiology	PAP English 2	AP Economics
Art 3, 4	PAP Geometry	AP English 3, 4
Athletics 3, 4 (incl sports)	Honors Physics	AP Government
Band 3, 4	Honors Precalculus	AP Physics C: Mechanics
Business Info Mngt 2	Honors World Geography	AP Physics C: Electricity & Magnetism
Career Preparation Program of Study	Petrochemical Safety, Health, & the Enviro.	AP Psychology/Social Stud. Adv. Stud.
Cheerleading 3, 4	Plumbing Technology 2	AP Spanish
Chinese 3	Practicum in AFNR (all levels)	AP Statistics
Choir 3, 4	Practicum in Business Mgt 1, 2	AP US History
Colorguard 3, 4	Practicum in Construction 1, 2	AP World History
Computer Programming 2	Practicum in Education & Train	Dual Credit Art Appreciation
Computer Science 2, 3	Practicum in Fashion Design	Dual Credit Calculus
Computer Technician Practicum (all levels)	Practicum in Health Science	Dual Credit College Algebra
Construction Technology 2	Practicum in Information Technology	Dual Credit English 3, 4
Diversified Manufacturing 2	Practicum in Manufacturing	Dual Credit Macroeconomics
Electrical Technology 2	ROTC 3, 4	Dual Credit Psychology
Engineering Des. & Prob. Solv.	Robotics 2	Dual Credit Spanish (2 levels)
Engineering Design Development	Sandettes 3, 4	Dual Credit Statistics
Entrepreneurship 2	Spanish 3	Dual Credit US Government
Fashion Design 2	Sports Medicine 2, 3	Dual Credit US History
Food Science	Technical Theatre 3, 4	OnRamps Courses
Forensic Science	Theatre 3, 4	Other AP electives taught by CHS personnel & approved by administration
Graphic Design 2 w/Lab	Theatre Production 2, 3	
Health Science Theory	Welding 2	Other Dual Credit courses offered by CHS & approved by administration
Health Science Theory/Clinical	Yearbook 2, 3	
Horticulture Science	Other CTE Courses designated as advanced per TEA	
Instructional Practices		
Intro. to Process Technology	Advanced courses for acceleration offered at CHS	

INCOMPLETE GRADES AND RANK CALCULATION

An incomplete (or "I" grade) indicates that an unusual circumstance has occurred preventing the teacher from issuing a grade for the course. At the close of each semester, students are afforded five school days to resolve incomplete grades. After the grace period has expired, if a student has an incomplete grade for any course, the student will be excluded from the cumulative grade point averaging and ranking process because the presence of an incomplete on the student's transcript prevents the calculation of a correct grade point average. The student will not be included in ranking until the next rank reporting period. Rank is calculated and reported twice yearly, once in the winter after all fall semester grades have been reported and once again in the summer after all spring semester grades have been reported. This ensures that all student grades are considered in computing grade point average and rank.

Students and parents may refer to policy EIC (LOCAL) for determination of how class rank is calculated.

GRADE LEVEL HIGHEST ACADEMIC AWARD

This section **does not** apply to graduation honors such as valedictorian, salutatorian, or highest-ranking graduate. This section **does not** apply to cumulative grade point average. Please refer to Policy EIC (LOCAL) for information pertaining to cumulative GPA and rank.This policy may be accessed at http://pol.tasb.org/Home/Index/248

Highest Academic Award by Grade. Each year, the student with the highest weighted academic average for the current academic year is awarded the Highest Academic Award in each grade level. This award is based on the student's yearly grade point average rather than the student's cumulative grade point average. The student must be enrolled in a **minimum of four courses** used in the calculation of grade point average for award eligibility. Students enrolled in three or fewer courses excluded from grade point averaging will be ineligible for this award. Please refer to the ranking chart for the list of courses included in grade point average calculation.

GAINING HIGH SCHOOL CREDITS

Students and parents may refer to policy EIC (Local) for determination of how class rank is calculated.

Middle school students can earn high school credits when they complete high school courses during their middle school years. Credit-bearing courses that are taught on the middle school campus will be made available to students during the annual course selection process. Students who have chosen to accelerate beyond the courses that are taught on the middle school campus may be allowed to enroll in high school level credit-bearing courses with principal approval.

Summer school will be available through CCISD for students to earn credits. Most course offerings are for credit recovery; however, some courses are offered for students who want to get ahead. Students who

choose to enroll in summer school for credit recovery in Edgenuity will be charged $20.00. Credit acceleration in Edgenuity will cost $400/seat regardless of the number of credits attempted or earned. Courses that include an end-of-course (EOC) exam cannot be taken for acceleration.

Credit-by-Exam is available to students who wish to receive credit without formal instruction in a course. The student must score an 80 or above on an exam selected and administered by the district. The tests are developed and graded by an authorized external provider. Interested students can see their school counselor for more information.

Credit Recovery is available for students to earn credits for courses in which they have already taken, but did not pass. For credit recovery, CHS uses an online self-paced computer program called Edgenuity. It gives students the opportunity to recover credits during the school day as a scheduled class, or on their own time outside the school day. The grade made on the first attempt the course was taken will be used in ranking and GPA calculations.

Dual Credit/Enrollment is available to all students who wish to obtain college credit and high school state credit simultaneously under an agreement with Victoria College, University of Texas, TxVSN, & UTPB.

Students who decide to drop a college class will not be permitted to enroll in an Advanced Placement class after the first 15 days of a semester.

Co-enrollment or Concurrent Enrollment college courses that are not high school equivalent courses are available to all students who wish to obtain college credit. The student will have a local credit placed on his/her transcript.

Virtual Self-Paced Instruction, including virtual self-paced instruction for acceleration during the traditional school year, may be available with principal approval for certain courses. Virtual self-paced instruction is currently provided through Edgenuity, an online instructional program. Students who are taking courses for the first time through Edgenuity will have their course grades included in GPA and ranking calculations in the same way that they would if the courses were taken via traditional face-to-face instruction. Students may not receive initial instruction for an EOC course through e-learning. Students taking a course for initial instruction via virtual self-paced instruction are expected to complete Edgenuity's full semester-length course by the end of the semester. At the end of the semester, the student's actual grade from Edgenuity will be used for grade reporting purposes, including GPA and rank. The actual grade is calculated as a ratio of the student's grade relative to the percentage of coursework completed (0-100%). For example, a student with a grade of 100 on 50% of the coursework would earn a semester grade of 50. This grade is recorded on the student's transcript. For more information on Edgenuity's grading, visit the following link: Edgenuity: Actual Grade. If a student drops a virtual self-paced instruction course, the current actual grade from Edgenuity, as described previously, will be transferred to the course the student transfers to. Students who are failing a virtual self-paced instruction course at the end of a semester will be removed from the course at the start of the next semester. The failing grade will be recorded on the student's transcript.

GRADUATION PLAN - 2023 and beyond

Subject	Foundation 22 credits	Foundation W/Endorsement 26 credits	Distinguished 26 credits
English	4 credits English I, II, III, additional English	4 credits English I, II, III, Advanced English	4 credits English I, II, III, Advanced English
Math	3 credits Must include: ● Algebra I ● Geometry	4 credits Must include: ● Algebra I ● Geometry	4 credits Must Include: ● Algebra I ● Geometry ● Algebra II
Science	3 credits Must include: ● Biology ● IPC/ Chem/or Physics/APE ● Additional Sci.	4 credits Must include: ● Biology ● IPC/ Chem/or Physics/APE ● 2 Additional Sci.	4 credits Must include: ● Biology ● IPC/ Chem/or Physics/APE ● 2 Additional Sci.
Social Studies	3 credits Must include: ● World Geog. or World History ● US History ● Govt. / Eco.	3 credits Must include: ● World Geog. or World History ● US History ● Govt. / Eco.	3 credits Must include: ● World Geog. or World History ● US History ● Govt. / Eco.
Physical Education	1 credit	1 credit	1 credit
Foreign Language	2 credits Same Language	2 credits Same Language	2 credits Same Language
Fine Arts	1 credit	1 credit	1 credit
Electives	5 credits	7 credits ● At least 4 used towards endorsement	7 credits ● At least 4 used towards endorsement

ALGEBRA 2 REQUIREMENT FOR CERTAIN STATE INITIATIVES

A student is not required by state law (TEC 28.025) to successfully complete Algebra II as a requirement for high school graduation; however, there are potential consequences for a student who does not successfully complete an Algebra II course.

A student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the **top ten percent** of the student's high school

graduating class or in the percentage of qualified applicants that are anticipated to be offered admission at The University of Texas at Austin, and the applicant:

- successfully completed the requirements of the distinguished level of achievement under the foundation high school program at a public high school; or,
- satisfied ACT's College Readiness Benchmarks on the ACT assessment; or,
- earned on the SAT assessment a score of at least 1500 out of 2400, or the equivalent.

A student may not earn the distinguished level of achievement or be eligible for automatic admission to a Texas public college or university as an undergraduate student if the student does not successfully complete high school Algebra II.

There are several state financial aid programs available for certain Texas public high school students. Certain state financial aid programs include curriculum requirements inclusive of Algebra II completion that should be considered when planning a student's high school career to ensure eligibility for financial aid under one of these programs. For information about such programs, visit www.collegeforalltexans.com.

ENDORSEMENT AREAS

STEM	Business & Industry	Public Services	Arts & Humanities	Multidisciplinary Studies
Advanced Studies in Science, Advanced Studies in Mathematics, Engineering	Animal Science, Applied Agricultural Engineering, Environmental & Natural Resources, Plant Science, Carpentry, Electrical, Design & Multimedia Arts, Accounting & Financial Services, Business Management, Web Development, Advanced Manufacturing & Machinery Mechanics, Manufacturing Technology, Welding, Programming & Software Development	Teaching & Training, Healthcare Diagnostics, Healthcare Therapeutic, Medical Therapy,	Social Studies, World Languages, Cultural Studies, English Literature, Art, Dance, Music, Theatre	Coursework selected from various endorsement areas; specific courses within the four foundation subject areas; 4 qualifying AP, IB, or dual credit courses

All 5 endorsements are offered at CCISD; however, some programs may not be available at this time.

Endorsement Requirements and Options Summary

Endorsement Requirements	**A student may earn an endorsement by successfully completing**: ● Curriculum requirements for the endorsement (options listed below) ● A total of four credits in mathematics ● A total of four credits in science ● Two additional elective credits
Endorsements	Curriculum Requirement Options
STEM	**A coherent sequence of series of courses selected from one of the following:** **Option A:** achieve completer status in approved CTE STEM program of study **Option B:** courses required to complete a TEA-designated program of study related to STEM **Option C:** Mathematics courses including Algebra I, Geometry, Algebra II and two additional courses for which Algebra II is a prerequisite (a total of five credits) **Option D:** Science courses including biology, chemistry, physics and two additional science courses (a total of five credits) **Option E:** In addition to Algebra II, chemistry and physics, a coherent sequence of 3 additional credits from no more than two of the areas listed above.
Business and Industry	**A coherent sequence or series of courses selected from one of the following:** **Option A:** achieve completer status in approved CTE Business & Industry program of study **Option B:** Courses required to complete a TEA-designated program of study related to business and industry **Option C:** The following English electives: public speaking, debate, advanced broadcast journalism including newspaper and yearbook(4 credits of three levels in one of the areas listed) **Option D:** A combination of credits from the categories listed above (4 credits in a coherent sequence)
Public Services	**A coherent sequence or series of courses selected from one of the following:** **Option A:** achieve completer status in approved CTE Public Services program of study **Option B:** JROTC (4 courses)
Arts & Humanities	**A coherent sequence or series of courses selected from one of the following:** **Option A:** Social Studies courses (5 credits) **Option B:** The same language in Languages Other Than English (4 levels) **Option C:** Two levels in each of two languages in Languages Other Than English **Option D:** American Sign Language (ASL) (4 levels) **Option E:** Courses from one or two categories (art, dance, music, and theater) in fine arts (4 credits in a coherent sequence) **Option F:** English electives that are not part of Business and Industry (4 credits from courses specified)
Multidisciplinary	**A coherent sequence or series of courses selected from one of the following:** **Option A:** Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence **Option B:** Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics **Option C:** Four credits in AP, IB, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts

*The term *completer*, as used above, means the student has completed three or more courses for four or more credits including an advanced-level course (level 3 or 4) in an approved program of study.

Additional Core Courses to Satisfy Plan:

4th ENGLISH	3rd & 4th MATH	3rd & 4th SCIENCE
English IV, AP, Dual	Mathematical Models w/Applications	Chemistry, PAP, AP
Research/Tech. Writing	Algebra II, PAP	Physics, PAP, OnRamps
Business English	Pre-Cal, PAP	Applied Physics & Engineering
Debate III	Statistics, AP, Dual	Biology, AP
Public Speaking III	AP Calculus, (AB),Dual	Physics C, AP
Oral Interpretation III	AP Calculus, (BC), Dual	Aquatic Science
Newspaper III	AP Computer Science A	Environmental Systems
Yearbook III	Engineering Mathematics	Anatomy & Physiology
INRW 0301 College Prep English	Mathematical Applications In Agriculture	Advanced Animal Science
Literary Genres	MATH 0301 & 0303 College Prep Math	Engineering Design & Problem Solving
Creative Writing	Algebraic Reasoning	Food Science
Humanities	Robotics II	Forensic Science
Ind Study in English	Accounting II	Advanced Plant & Soil Science
Journalism III	Digital Electronics	OnRamps Physics
Ind Study in Speech	Robotics Programming & Design	Integrated Physics & Chemistry
Ind Study in Journalism	Financial Mathematics	Astronomy
	Applied Mathematics for Technical Professionals	Earth & Space Science
	Manufacturing Engineering Technology II	Medical Microbiology
	Advanced Quantitative Reasoning	Pathophysiology
	Independent Study in Math	Biotechnology I & II
	Discrete Mathematics for Problem Solving	Scientific Research & Design
	Statistics and Business Decision Making	Engineering Science
	Mathematics for Health Professionals	
	Discrete Mathematics for Computer Science	

** Not all additional courses listed above are available at CCISD*

GIFTED / TALENTED PROGRAM

CHS provides curriculum that will challenge students with special talents and abilities. Counselors and teachers will aid these students in assessing their strengths and weaknesses and in determining their goals as they select their courses each year.

All parents are encouraged to nominate their child for the gifted and talented program. CCISD offers a program for identified gifted students in kindergarten through 12th grade, in accordance with Texas law. The district philosophy acknowledges the importance of providing gifted students, at every grade level, an education congruent with their abilities.

Following Texas Education Agency guidelines, multi-criteria are used in the identification assessment process which includes parent nomination, teacher recommendation, creativity, fluency and flexibility of thought inventories, and IQ scores from several sources.

The middle and high school students are served on each campus through special course work in the four core areas of English, Mathematics, Science, and Social Studies.

Every effort is made to place out-of-district transfer students coming from a comparable program; identified G/T students entering CHS from other districts are considered for placement immediately upon enrolling. All comparable screening measures from other districts are accepted. If additional data is required, further screening will be completed. A committee determines placement of transfer students.

EXIT INFORMATION FROM THE GIFTED / TALENTED PROGRAM

At any time, the parent of a gifted student, the student's classroom teacher, the G/T teacher, or a principal may request a meeting for the purpose of reviewing a student's placement in a gifted class. For a student to be exited from a gifted program, a meeting of all persons involved will be held. Parents, classroom teachers, principal, G/T teacher, and G/T supervisor will be included; and, where appropriate, the student may also attend such meetings to discuss the student's overall performance. A six week probation period should be established as of the date of meeting. Review requests may be made through the building principal or G/T supervisor. A student who is exited from the program for behavioral causes may not re-enter during that academic semester. In a case of misidentification, such as an advanced student being placed in the gifted program, a permanent exit may be affected. In cases where students are making failing grades in regular classes, each situation will be evaluated individually to determine the best course of action. The regular classroom teacher, G/T teacher, parent, student, administrator, and G/T supervisor will conduct this evaluation. Parents of gifted students may request their child withdraw from any gifted and talented program at any time. The review process is not necessary when a parent request to withdraw is made.

EARLY GRADUATION

We encourage all students to complete four years of high school and to explore a variety of elective courses as part of discovering a possible career pathway. However, we support the efforts of students who want to graduate in three (or three-and-a-half) years. Graduating on the Foundation plus endorsement plan

requires four credits each in English, Math, and Science. This will make it difficult for a student to graduate in less than four years. The student will need to be highly motivated, will most likely need to complete some courses in summer school and/or bring high school credits from middle school, and will need to double-up on a few core courses in a year. Some things to remember when making this important decision:

- Parents or legal guardians must declare in writing the student's intent to graduate early and give their permission by the last day of the first semester of their junior year. (Declaration of Intent to Graduate Early forms are available in the Counseling Office) A copy of this form, signed by the appropriate academic advisor and principal must be on file.
- Early graduates are entitled to participate in graduation ceremonies and senior activities if they have completed all courses and testing requirements for graduation.
- Early graduate students will be included with the current graduating class earning a GPA and rank with the current senior class. GPA calculations are based on graduation year.
- Early graduate students may apply for all local, state, and national scholarships

TEXAS FIRST DIPLOMA

Texas Education Code section 28.0253 establishes the Texas First Early High School Completion Program to allow public high school students who demonstrate early readiness for college to graduate early from high school. This program comprises two parts:

- The *Texas First Early High School Completion Diploma* (Texas First Diploma) allows students to graduate high school early with the Distinguished Level of Achievement by demonstrating early readiness for college.
- The *Texas First Scholarship Program* awards scholarship credit equivalent to up to one year of the TEXAS Grant at eligible institutions.

The Texas First Diploma <u>does not</u> guarantee automatic admission to any university or its academic programs. Certain programs or majors within universities may have additional requirements or other admissions criteria. Students should visit the university website and submit inquiries to the university well before admissions applications deadlines. Students are responsible for meeting any admissions requirements beyond the courses taken for the Texas First Diploma.

After reviewing the criteria, interested students should contact their school counselor to plan for early graduation and verify their eligibility for the Texas First Diploma. Students are responsible for providing official copies of assessment results that must be retained in the permanent record.

General eligibility requirements include:

- ✔ Texas residency
- ✔ FAFSA or TASFA completion
- ✔ At least 22 high school credits
- ✔ Final grade point average equivalent to 3.0 or higher on a 4.0 scale
- ✔ Overall score in at least the 80th percentile on one or more of the following: ACT, SAT, PSAT/NMSQT, TSIA2, or GED; <u>or</u>, a grade point average that places them in the top 10 percent of the student's class
- ✔ Satisfactory performance on STAAR EOCs for English I, English II, Algebra I, and Biology; <u>or</u>, have met substitute assessment requirements outlined in statute

- ✔ Demonstrate mastery of each of the following core subject areas: English, mathematics, science, social studies, and a language other than English through one or more of the following:
    - o Earn a score on the STAAR EOC that meets college readiness standards
    - o Earn a "C" or better and receive credit in a course offered in the core curriculum of an institution of higher education
    - o Meet standards on assessments identified under 19 TAC, section 21.53(a)(2)(C)—these assessments include SAT Subject Tests, AP, IB, and CLEP. For specific information on requirements associated with these assessments, see your school counselor.

Students graduating with the Texas First Diploma are eligible for the Texas First Scholarship at participating Texas universities. Students may apply to any college or university they choose; however, the scholarship only applies to participating universities. Those who graduate two or more semesters before their class receive a two-semester scholarship, equivalent to the amount of the TEXAS grant. Students who graduate one semester early receive a one-semester scholarship. The scholarship offer will expire at the end of the first year following high school graduation, so interested and eligible students are encouraged to attend college directly after high school. Students should contact the university to discuss application procedures for the Texas First Scholarship Program. Many universities list scholarships and contact information on their Financial Aid webpage.

Current universities participating in the Texas First Diploma and Texas First Scholarship Program include:

- Texas A&M University
- Texas State University
- Texas Tech University
- The University of Texas at Arlington
- The University of Texas at Austin
- The University of Texas at Dallas
- The University of Texas at El Paso
- University of Houston
- University of North Texas
- The University of Texas at San Antonio

GRADUATION REQUIREMENTS FOR STUDENTS WITH DISABILITIES

An Individual Education Plan (IEP) committee defines the graduation program and ensures the course content meets at least the minimum graduation credit requirements for each student with disabilities. The program seal on the Academic Achievement Record (AAR) denotes the graduation program the student completed. A standard, undifferentiated high school diploma is awarded to all students who have completed one of the graduation programs and have passed the STAAR/ EOC assessment unless an IEP committee has determined the student to be exempt from the STAAR/ EOC. The decision regarding the graduation program selected for each student is guided by the student's Individual Transition Plan, initiated by the age of 14, and reviewed at least annually, prior to each IEP review meeting. CHS offers courses that are modified to meet the needs of some students who qualify for special education.

RELEASE PERIODS & ADMINISTRATIVE APPROVAL

Students requesting an early release, late arrival, or work release periods (taken in conjunction with Career Preparation) must meet certain administrative requirements for eligibility. The requirements are as follows:

1. The student has passed all STAAR End of Course Exams taken to date
2. The student is on track for graduation under the Foundation High School Program

3. The student has met <u>at least one</u> college, career, and military readiness (CCMR) graduation expectation:
    a. Score of 3 or higher on an AP exam
    b. TSI Complete (TSIA2, SAT, ACT, College Prep English/Math, or College Bridge)
    c. Successful dual credit participation with a minimum of 3 semester credit hours earned in English or math; or, a total of 9 semester credit hours earned across any subject areas
    d. Completed and passed an OnRamps course
    e. Earned an industry-based certification; ***<u>and</u>,*** on track to complete the program of study for that certification.
4. For work release periods, the request must be approved by the CTE department.

Students must submit an "Administrative Approval Application" to their school counselor for approval. Applications are available in the school counseling office.

CCISD will not provide transportation for late arrival, early release, or work release periods.

Approval may be revoked as deemed necessary by the student's counselor or a campus administrator to ensure the student remains successfully on track for graduation. The campus principal or their designee may revoke this approval for any reason not explicitly stated but deemed necessary.

AUTOMATIC SCHEDULE CHANGES

At any time, school counselors can make necessary corrections to schedules which include:

1. Academic misplacement--student is placed in the wrong level of class or the student has not met the prerequisite for placement
2. Class does not make for lack of enrollment
3. Student already has credit for the course
4. Leveling or balancing classes
5. Making changes based on an IEP decision
6. Missing a graduation requirement or core class
7. Circumstantial changes at administrator's discretion

Students are to remain in class until the schedule change is made in order to maintain accurate attendance records.

REQUESTING SCHEDULE CHANGES

The school's master schedule has been established based on pre-registration course requests. Schedule change requests should be infrequent. All schedule changes initiated after the deadlines listed below require a completed Schedule Change Request Form and will require a parent/teacher conference & administrator approval.

<u>Regular Classes</u>. Students are allowed **<u>five</u>** school days from the first day of class to request a schedule change out of a regular class and into another regular class. Changes will be done only if space is available

in the course requested. Students who wish to drop a regular level course within the first five days of the second semester may request a change into a one-semester course, if space allows. No schedule requests to change teacher or lunch period will be considered.

PAP, Honors, and AP Classes. Students are allowed **fifteen** school days from the first day of class to request a schedule change out of a PAP or AP class, **with parent permission**, into the regular level of the same course. Students are cautioned that remaining in the PAP or AP class past the drop deadline commits them to that class for the remainder of that semester.

Students who wish to drop PAP, Honors, or AP during the second semester have **five** school days to request a schedule change into the regular level of the same class. It is important to note, students who do not pass the first semester of a Pre-AP, Honors, or AP class will be encouraged to consider whether placement in a regular level course is a better option for them. If a student chooses to stay in a Pre-AP or AP course with a failing grade, the decision will be documented on an Against Counselor Recommendation Form.

Transferring grades between levels will be done by the receiving teacher:

If a student moves to a regular level course from a Pre-Advanced Placement (Pre-AP)/Honors or Advanced Placement (AP) level of the same course, the student's transferring average from the Honors, Pre-AP or AP class shall be weighted by an addition of +10 for the Pre-AP/Honors or +20 for the AP classes.

ADVANCED PLACEMENT

Advanced Placement Program (AP). Students entering the AP program at CHS must be prepared for the accelerated and rigorous study of college-level content. Each AP class requires a personal commitment of time and effort outside the classroom. AP students must be independent learners ready to take responsibility for the quantity and frequency of rigorous assignments. A commitment to excellence is essential to the student's success. If students are not excelling at the standards set by the College Board, teachers may request to have the student placed in a regular equivalent course. Students are expected to take the associated AP Exam. The test costs approximately $94.00. In the fall, students must sign up and pay for any AP tests that they plan to take at the end of the year. If a student chooses not to take an AP test that they have paid for, there will be a $40 non-refundable fee assessed by the College Board that will be deducted from any refund that may be available. Tests are administered in May and scored by the College Board. Results are returned to the school in July. A score of 1,2,3,4 or 5 is possible. Students making a grade of 3, 4, or 5 can receive college credit from any Texas public school of higher education. Private schools and out-of-state schools may have different passing credit standards.
*Availability of the courses listed below depends on student requests.

English	Mathematics	Science	Social Studies	Foreign Language
AP English III	AP Calculus AB	AP Biology	AP World History	AP Spanish
AP English IV	AP Calculus BC	AP Chemistry	AP US History	AP Chinese
	AP Computer Science A	AP Physics C	AP Government	
	AP Statistics		AP Macroeconomics	
			AP Psychology	

PRE-ADVANCED PLACEMENT & HONORS

Pre-Advanced Placement (Pre-AP) and **Honors courses**. These courses are designed to extend and enrich the content of the regular high school curriculum. The courses are designed to prepare students for the rigorous curriculum for future AP courses. They provide challenging research opportunities for students with high interest in academic exploration and include numerous out-off-class assignments. Students need to show a high degree of interest and motivation, show above-average ability in critical reading skills, writing skills, and oral expression, be able to work independently, and be creative in their approach to solve problems. All Pre-AP/Honors Language Arts courses have required summer reading and an assignment.

DUAL CREDIT

Dual Credit. Calhoun students who qualify may obtain college credit and high school credit simultaneously under an agreement with Victoria College and UTPB. Classes are taught by college certified faculty (pending sufficient enrollment). In order to be enrolled in a dual credit course, students must pass the TSIA in certain content areas and pay the required tuition to the college before classes begin. Students are responsible for obtaining the college's textbooks. A grade of 70 is required for awarding credit on both the college and the high school transcript. A grade of 60 will achieve credit on the college transcript only. Grades and the resulting GPA earned through Dual Credit courses are considered when applying for college and therefore could have an adverse effect on the student's acceptance. Should a student decide to drop a Dual Credit course after the 15th day of school, they will be placed in the regular academic high school course. Students are required to inform the dual credit coordinator when dropping a dual credit course at any time. In the event that a student is administratively withdrawn by the college partner, the student is obligated to inform the dual credit coordinator immediately. Dual credit courses that are included in GPA calculations are weighted at the AP level. College partners will report a final numeric grade that will be entered on the student's transcript. When a numeric grade is given, there will be no conversion of the grade between alpha and numeric grading charts. The following courses are offered at CHS depending on student requests:

HIGH SCHOOL COURSE	COLLEGE COURSE
English III (1st semester) .5 credit	ENGL 1301 – Composition I ● (English III or IV 1st semester)
English III (2nd semester) .5 credit	ENGL 2327 -- American Literature ● (English III 2nd semester)
English IV (1st semester) .5 credit	ENGL 1302 – Composition II ● (English IV 1st semester- if ENGL 1301 credit earned for English III 1st semester)
English IV (2nd semester) .5 credit	ENGL 2322 or 2323 – British Literature ● (English IV 2nd Semester)
Independent Study in Math 1 credit	MATH 1314 – College Algebra
Statistics 1 credit	MATH 1342 -- Elem. Statistics
Independent Study in Math 1 credit	MATH 2413 -- Calculus 1
U.S. History (1st semester) .5 credit U.S. History (2nd semester) .5 credit	HIST 1301 – History of the U.S. through 1877 HIST 1302 – History of the U.S. from 1877

Government .5 credit	GOVT 2305 – Federal Government
Economics .5 credit	ECON 2301 – Principle of Economics
Art Appreciation 1 credit	ARTS 1301 - Art Appreciation
Psychology .5 credit	PSYC 2301 - General Psychology

ARTICULATED CREDIT

Articulated Credit. Calhoun High School has an articulation agreement with Victoria College for certain Career and Technical courses. Students who took these technical courses will have their credit held in escrow at Victoria College for 24 months after the date of the students' high school graduation. The students will receive their college credit from Victoria College when they complete the following steps:

1. The student must have an 80 (3.0) final average or better in the high school course for which credit is requested.
2. The student must have an official high school transcript forwarded to Victoria College.
3. The student must successfully complete six hours of credit at Victoria College.
4. Upon successful completion of the above requirements, students must fill out a Petition for Award of Locally Articulated Credit and return it to the Admissions and Records Office in order to have the appropriate courses posted to their academic transcript.

HIGH SCHOOL COURSE	VICTORIA COLLEGE COURSE
Accounting 1	ACNT 1303 - Introduction to Accounting
Business Information Management 1	ITSC 1309 - Integrated Software Applications
Welding 1	WLDG 1421 - Welding Fundamentals

ONRAMPS DUAL ENROLLMENT

OnRamps. Calhoun students may choose to take dual enrollment courses offered in conjunction with UT OnRamps. These courses are considered a hybrid of dual credit and dual enrollment. Courses are taught by trained CHS faculty in coordination with UT professors. Students will earn two grades for each completed course. The high school grade will be placed on the student's high school transcript and the college grade will be placed on the student's UT transcript. OnRamps courses receive weighted grades at the same level as AP courses. You can find more information concerning OnRamps courses at https://onramps.utexas.edu/students/ . Students are responsible for paying the OnRamps course enrollment fee by the deadline each semester. Should a student decide to drop an OnRamps course after the 15th day of the school year, they will be placed in the regular academic high school course. The following courses are offered at CHS depending on student requests:

HIGH SCHOOL COURSE	UT ONRAMPS COURSE
Physics (2 semesters) 1 credit	PHY 302K - Mechanics, Heat, and Sound: General Physics Technical Course I
Composition I & Composition II	RHE 306 - Research & Writing

1 semester each, 0.5 credits each	RHE 309K - Rhetoric of American Identity
US History I & II 1 semester each, 0.5 credits each	HIS 315K - The United States, 1492-1865 HIS 315L - The United States Since 1865
College Algebra (2 semesters) 1 credit	M 301 - College Algebra

ATTENDANCE

To receive credit or final grade in a class, a student in kindergarten – grade 12 must attend at least 90 percent of the days the class is offered. A student who attends at least 75 percent but fewer than 90 percent of the days the class is offered may receive credit or a final grade for the class if he or she completes a plan approved by the principal that allows the student to fulfill the instructional requirements for the class. If a student is involved in a criminal or juvenile court proceeding, the approval of the judge presiding over the case will also be required before the student receives credit or a final grade for the class.

If a student attends less than 90 percent of the days a class is offered the student will be referred to the attendance review committee to determine whether there are extenuating circumstances for the absences and how the student will regain credit or a final grade lost because of absences. There will be opportunities to make up hours on some specified Saturdays at a cost of $10.00 per seat. At this time, the principal or designee may design a plan to fulfill instructional requirements including but not limited to make-up hours.

UIL NO PASS/NO PLAY EXEMPTION POLICY

Students are encouraged to seek out academically rigorous courses. Occasionally, students will choose to avoid taking challenging classes out of concern that failing will cost them their eligibility to participate in extracurricular activities. As a rule, any student who receives a nine weeks grade below 70 in any class becomes ineligible to participate in UIL athletic or other extracurricular activities until the student meets the requirements for regaining eligibility. UIL rules provide for a limited exception to the No Pass-No Play rule in the case of advanced academic courses. Advanced academic courses, as defined by the Texas Education Agency, include Pre-Advanced Placement (Pre-AP), Honors, Advanced Placement (AP) and dual credit college-level classes only. CHS policy allows a student to claim an exemption for a failing grade in a Pre-AP/Honors course one time during a school year, in one class only. A student enrolled in an AP or dual credit college-level class is exempt from the No Pass-No Play rule for that class only throughout the time he or she is enrolled in the class. Initial eligibility is always determined after the first six-weeks period.

LANGUAGE ARTS

ADVANCED JOURNALISM: YEARBOOK
YEARBOOK 1 (YBK1) (1641) 03230110
YEARBOOK 2 (YBK2) (1651) 03230120
YEARBOOK 3 (YBK3) (1661) 03230130
Grade Placement: 10-12
Prerequisite: 1 credit of AVT coursework preferred; Courses must be taken in sequence
Credit: 1

This is a study of the elements and process of book production with an emphasis on the high school yearbook. Students will learn format, organization, layout techniques, copywriting, selection of material such as pictures and artwork and eventually produce the yearbook. Students will also learn advertising principles and financial management by raising funds to produce the book through advertising and media sales campaigns.
*Limited Enrollment Course

ADVANCED JOURNALISM: NEWSPAPER
NEWSPAPER 1 (NP1) (1610) 03230140
Grade Placement: 10-12
Prerequisite: 1 credit of AVT coursework preferred; Courses must be taken in sequence
Credit: 1

This is a study of the elements and process of print production with an emphasis on the high school newspaper. Students will learn format, organization, layout techniques, copywriting, selection of material such as pictures and artwork and eventually produce the newspaper.
*Limited Enrollment Course

AP ENGLISH 3: ENGLISH LANGUAGE & COMPOSITION (APENGLAN) A3220100
Grade Placement: 11
Prerequisite: None
CHS No. 1330
Credit: 1

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods. The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. **Because of the extensive reading required for this course, students will be required to do summer reading.**

AP ENGLISH 4: ENGLISH LITERATURE & COMPOSITION (APENGLIT) A3220200

Grade Placement: 12
Prerequisite: None
CHS No. 1340
Credit: 1

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. **Because of the extensive reading required for this course, students will be required to do summer reading.**

COLLEGE PREPARATORY ENGLISH LANGUAGE ARTS INRW 0301 (CPELA) CP110100

Grade Placement: 12
Prerequisite: English 1, 2, 3
CHS No. 1856
Credit: 1

As required by the FHSP, the purpose of this course is to provide an opportunity for students to demonstrate college readiness in ELA so they are able to begin taking college credit-bearing courses their first year of college without remedial or developmental courses. Developed in partnership with Victoria College, College Preparatory English Language Arts integrates preparation in basic reading skills with basic skills in writing a variety of essays. Students must earn a final exam grade of 75 or above in order to be eligible to enroll in an entry-level college-level English composition course. Grades earned for this course will be used for UIL eligibility purposes. This course is recommended for students who are TSIA incomplete in ELAR.

COLLEGE READINESS & STUDY SKILLS (CRSS) 03270100

Grade Placement: 10-12
Prerequisite: None
CHS No. 1861
Credit: 0.5

High school students that require or request additional honing of 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.

COMMUNICATION APPLICATIONS (COMMAPP) 03241400
Grade Placement: 9-12
Prerequisite: None
CHS No. 1595
Credit: 0.5

Understanding and developing skills in communication are fundamental to all other learning and to all levels of human interaction. For successful participation in professional and social life, students must develop effective communication skills. Rapidly expanding technologies and changing social and corporate systems demand that students send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid critical-thinking and problem-solving processes. Students enrolled in Communication Applications will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

DEBATE I, II, III (COMMAPP) 03240600, 03240700, 03240800
Grade Placement: 10-12
Prerequisite: None
CHS No. 1691
Credit: 1.0

Controversial issues arise in aspects of personal, social public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

DUAL CREDIT ENGLISH 1301: RHETORIC AND COMPOSITION I
(ENG 3A 03220300 or ENG 4A 03220400)
Grade Placement: 11-12
Prerequisite: Passing score on TSIA ELAR
CHS No. 1357/9843, OL03, 1350/9843, OL01
Credit: 0.5 (3 college hours)

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.
Fees/Materials: Tuition and books as required by the college

DUAL CREDIT ENGLISH 1302: COMPOSITION, RESEARCH, LITERATURE
(ENG 4A if 1301 completed) 03220400
Grade Placement: 11-12
Prerequisite: Passing score on TSIA ELAR
CHS No. 1355/9842, OL04
Credit: 0.5 (3 college hours)

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.
Fees/Materials: Tuition and books as required by the college

DUAL CREDIT ENGLISH 2322: BRITISH LITERATURE I (ENG. 4B) 03220400
Grade Placement: 12
Prerequisite: Passing score on TSIA ELAR
CHS No. 1353/9842, OL05
Credit: 0.5 (3 college hours)

A survey of the development of British literature from the Anglo-Saxon period to the eighteenth century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

DUAL CREDIT ENGLISH 2323: BRITISH LITERATURE II (ENG. 4B) 03220400
Grade Placement: 12
Prerequisite: Passing score on TSIA ELAR
CHS No. 1365/9842, OL08
Credit: 0.5 (3 college hours)

A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

DUAL CREDIT ENGLISH 2327: AMERICAN LITERATURE (ENG 3B) 03220300
Grade Placement: 11
Prerequisite: Passing score on TSIA ELAR
CHS No. 1364/9842, OL02
Credit: 0.5 (3 college hours)

A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character.

ENGLISH 1 (ENG 1) 03220100
Grade Placement: 9
Prerequisite: None
CHS No. 1010
Credit: 1

Emphasis will be on the study of literature, reading and writing skills, a review of usage and mechanics, and limited research techniques. This course will meet the needs of the college-bound, professionally-oriented or vocational student of average ability.

ENGLISH 1 HONORS (ENG 1) 03220100
Grade Placement: 9
Prerequisite: None
CHS No. 1310
Credit: 1

This course is intended for the student who has done extremely well in his/her previous English class in Middle School. This class will emphasize critical reading and writing skills, SAT vocabulary, short stories, drama, poetry, and an introduction to AP writing. Extensive reading of assigned novels and writing will be required. A strong background in grammar and composition is necessary. This course is designed to prepare the student for English 3 AP and English 4 AP. Because of the extensive reading required for this course, students will be required to do summer reading and an assignment.

ENGLISH 2 (ENG 2) 03220200
Grade Placement: 10
Prerequisite: None
CHS No. 1020
Credit: 1

This course is designed for students who have successfully completed the requirements of the sequential English course offered at the 9th grade level. Emphasis will be placed on the comprehensive study of literature, composition, and grammar. Expectations include the ability to read and analyze selections from the major literary genres and the development of effective writing and speaking skills. This course is intended to aid the college-bound, professionally-oriented, or vocational student of average ability.

ENGLISH 2 PRE-AP (ENG 2) 03220200
Grade Placement: 10
Prerequisite: None
CHS No. 1320
Credit: 1
This course is intended for the student who has done exceptionally well in his or her previous English classes. Emphasis in the course will include critical reading and writing skills, a comprehensive study of the types of literature with emphasis on fiction, drama, and poetry, and an introduction to the formal research paper. Extensive reading and writing will be required. This course is designed to prepare the student for English 3AP and English 4AP. Because of the extensive reading required for this course, students will be required to do summer reading and an assignment.

ENGLISH 3 (ENG 3) 03220300
Grade Placement: 11
Prerequisite: None
CHS No. 1030
Credit: 1

This course is designed for students who have successfully completed the requirements of the sequential English courses offered at the 9th and 10th grade levels. The major field of study will be American literature. Expectations include the ability to read and analyze literary selections, write and speak effectively and correctly, plus development of intermediate research skills. This course will meet the needs of the college-bound, professionally-oriented, or vocational student of average ability.

ENGLISH 4 (ENG 4) 03220400
Grade Placement: 12
Prerequisite: None
CHS No. 1040
Credit: 1

This course is designed for the student who is capable of reading literature at grade level with success. Emphasis will be on the study of literary concepts and skills with the major field of study being British literature, reading and writing skills, language concepts and skills, and limited research techniques. This course will meet the needs of the college-bound, professionally-oriented, or vocational student of average ability.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

ENGLISH I SOL	**(ENG1 SOL)**	**(1710)**	**03200600**
ENGLISH II SOL	**(ENG2 SOL)**	**(1720)**	**03200700**
READING I ESL	**(READ1)**	**(1442)**	**03270700**
READING II ESL	**(READ2)**	**(1446)**	**03270800**

Grade Placement: 9-12
Prerequisite: Courses must be taken in sequence, ESL student
Credit: 1

This course concentrates on the fundamental language skills of reading, writing, conventions of written and oral language, research, and listening/speaking in an effort to build a foundation for student success in advanced high school English classes. Students practice both reading and writing. Students perform an array of reading strategies as they work to become proficient in understanding and responding appropriately to a variety of texts. Students write for varied audiences and purposes and work to develop ideas, voice, word choice, fluency, and organization in their writing while applying conventions of the English language.

ENGLISH LANGUAGE DEVELOPMENT & ACQUISITION - A (ELDA1) 03200800
ENGLISH LANGUAGE DEVELOPMENT & ACQUISITION - B (ELDA2) 03200810

Grade Placement: 9-12
Prerequisite: Newcomer with less than 12 months in U.S. schools with a CALP score of negligible/very limited
CHS No. 1750, 1751
Credit: 1 credit per semester

These courses are designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. The development of communicative competence occurs through targeted lessons based on students' needs, although academic language proficiency is the focus of instruction. This course enables students to become increasingly more proficient in English in all four language domains. The students' native language and culture is validated as a valuable resource and as a foundation to attain the target language. It will develop language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

ONRAMPS RHETORIC & WRITING I & II (ENG3 or ENG4) 03220300 or 03220400

Grade Placement: 11 or 12
Prerequisite: English 1 & English 2
CHS No. ENG 3 1370/1372; ENG 4 1371/1373
Credit: 0.5 & 0.5

This two-semester, six-credit writing intensive sequence features a fall semester course in argumentation, essential to leadership communications skills, and a spring semester course focused on analyzing and crafting sound and effective arguments among peers. Over the two courses, students are aligned to college expectations for critical writing, reading, research, and analysis.

READING 1 (READ1) (1050) 03270700
READING 2 (READ2) (1051) 03270800
READING 3 (READ3) (1052) 03270900

Grade Placement: 10-12
Prerequisite: Does Not Meet on ELA EOC
CHS No. 1050, 1051, 1052
Credit: 1

This class is designed to support students in meeting individual English goals necessary in achieving academic success; to support students in meeting English I and English 2 EOC requirements.

Mathematics

ACCOUNTING II (ACCOUNT2) 13016700

Grade Placement: 11-12
Prerequisite: Accounting I
CHS No. 7460
Credit: 1

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

ALGEBRA 1 (ALG1) 03100500

Grade Placement: 9
Prerequisite: None
CHS No. 2010
Credit: 1

Algebra 1 is designed to provide a foundation for higher-level math courses. The course develops proficiency in algebraic thinking, symbolic reasoning, function concepts, and relationships between equations and functions.

ALGEBRA 1 HONORS(ALG1) 03100500

Grade Placement: 8 -9
Prerequisite: Must pass 8th grade Math STAAR
CHS No. 2310
Credit: 1

Honors Algebra I includes the same course of study designed for Algebra I. In addition, students will develop advanced problem solving and symbol manipulation skills.

ALGEBRA 2 (ALG 2) 03100600

Grade Placement: 11-12
Prerequisite: Algebra 1
CHS No. 2030
Credit: 1

Algebra 2 is designed to provide foundations for higher-level math courses by extending the skills of Algebra 1 and Geometry. Emphasis is on solving equations, inequalities, graphing functions, and their applications.

ALGEBRA 2 HONORS (ALG2) 03100600

Grade Placement: 11-12
Prerequisite: Algebra 1 & passed Algebra EOC
CHS No. 2330
Credit: 1

Honors Algebra 2 consists of a full year of work in Algebra 2 and related topics. Honors Algebra 2 is a precursor to Calculus or Statistics, the AP class that students will take to prepare for taking the AP test in either class.

ALGEBRAIC REASONING (ALGREA) 03102540

Grade Placement: 10-12
Prerequisite: Algebra 1
CHS No. 2335
Credit 1

In Algebraic Reasoning, students will build on the knowledge and skills for Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build the workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

AP CALCULUS AB (APCALCAB) A3100101

Grade Placement: 12
Prerequisite: 4 credits of high school math (courses in which they study algebra, geometry, trigonometry, analytic geometry, and elementary functions)
CHS No. 2360
Credit: 1

AP Calculus AB and AP Calculus BC focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The courses feature a multirepresentational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results.

AP CALCULUS BC (APCALCBC) A3100102

Grade Placement: 12
Prerequisite: 4 credits of high school math (courses in which they study algebra, geometry, trigonometry, analytic geometry, and elementary functions)
CHS No. 2370
Credit: 1

AP Calculus AB and AP Calculus BC focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The courses feature a multi representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results. AP Calculus BC applies the content and skills learned in AP Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series.

AP STATISTICS (APSTATS) A3100200

Grade Placement: 10-12
Prerequisite: Algebra 2
CHS No. 2390
Credit: 1

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics.

COLLEGE PREPARATORY MATH 0301/0303 (CLPRPMTH) 84100201

Grade Placement: 12
Prerequisite: Algebra, Geometry, Alg. 2
CHS No. 2856
Credit: 1

As required by the FHSP, the purpose of this course is to provide an opportunity for students to demonstrate college readiness in Mathematics so they are able to begin taking college credit-bearing courses their first year of college without remedial or developmental courses. Developed in partnership with Victoria College, College Preparatory Math integrates preparation in basic math skills. Students must earn a final exam grade of 75 or above in order to be eligible to enroll in an entry-level college-level math course. Grades earned for this course will be used for UIL eligibility purposes.

DUAL CREDIT MATH 1314: COLLEGE ALGEBRA (INSTUMTH) 03102500
Grade Placement: 11-12
Prerequisite: Algebra 2 and passing score on TSIA Math
CHS No. 2352
Credit: 1 (1 semester only)

This course is a study of fundamental concepts of algebra, equations, and inequalities; matrices and determinants, functions, exponential and logarithmic functions. This course is for college credit and may count as one of the advanced measures needed to be a distinguished graduate.

DUAL CREDIT MATH 1342: COLLEGE STATISTICS (STATS) 03102530
Grade Placement: 11-12
Prerequisite: Algebra 2 and passing score on TSIA Math
CHS No. 2350
Credit: 1

In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance phenomena. Sampling distributions provide a logical structure for confidence intervals and hypothesis tests. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data.

DUAL CREDIT MATH 2413: COLLEGE CALCULUS 1 (INSTMTH3) 03102502
Grade Placement: 11-12
Prerequisite: Pre-calculus and passing score on TSIA Math
CHS No. OL12
Credit: 1

Prerequisite: A score of 600 on the math portion of the SAT or a score of 29 on the math portion of the ACT. Topics include limits, continuity, differentiation, related rates, optimization, antiderivatives, definite integrals and applications of the definite integral.

FINANCIAL MATHEMATICS (FINMATH) 13018000
Grade Placement: 11 - 12
Prerequisite: Algebra 1
CHS No. 7455
Credit: 1

Financial Mathematics is a course about personal money management. Students will apply critical- thinking skills to analyze personal financial decisions based on current and projected economic factors. Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

GEOMETRY (GEOM) 03100700
Grade Placement: 9-10
Prerequisite: Algebra I
CHS No. 2020
Credit: 1

Geometry is a foundation for higher-level math courses. This course develops geometric thinking and spatial reasoning. Studies include geometric figures of one, two, or three dimensions and their properties.

GEOMETRY PRE-AP (GEOM) 03100700

Grade Placement: 9-10
Prerequisite: Algebra I & passed Algebra EOC
CHS No.2320
Credit: 1

Pre-Advanced Placement/Honors Geometry consists of a full year of work in Geometry and related topics. Pre-AP/Honors Geometry is a precursor to Calculus, the AP class that students will take to prepare for taking the AP test in Calculus.

MATHEMATICAL MODELS WITH APPLICATIONS (MTHMOD) 03102400

Grade Placement: 10-12
Prerequisite: Algebra 1
CHS No. 2040
Credit: 1

Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

ONRAMPS COLLEGE ALGEBRA (INSTUMTH) 03102500

Grade Placement: 11-12
Prerequisite: Algebra 1, Geometry, & Algebra 2
CHS No. 2355
Credit: 1

Students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic.

PRE-CALCULUS (PRECALC) 03101100

Grade Placement: 11-12
Prerequisite: Algebra 1, Geometry, & Algebra 2
CHS No. 2050
Credit: 1

Students will continue to build on the K-8, Algebra I, Algebra II, and Geometry foundations as they expand their understanding through other mathematical experiences. Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as a means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, numerical, algorithmic, and graphical), tools, and technology to model functions and equations and solve real-life problems. Students may not take Algebra II PAP and Pre-Cal concurrently.

PRE-CALCULUS HONORS (PRECALC) 03101100
Grade Placement: 11-12
Prerequisite: Algebra 1, Geometry, & Algebra 2
CHS No. 2340
Credit: 1

Honors Pre-Calculus consists of a full year of work in Pre-Calculus and related topics. Honors Pre-Calculus is a precursor to Calculus or Statistics, the AP class that students will take to prepare for taking the AP test in either class.

ROBOTICS 2 (ROBOTIC2) 13037050
Grade Placement: 11-12
Prerequisite: Robotics 1
CHS No. 7514
Credit: 1

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. will build prototypes and use software to test their designs.
Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

STRATEGIC MATH (STLNHSM) N1110030
Grade Placement: 10-12
Prerequisite: unsatisfactory performance on Algebra 1 EOC
CHS No. 2494
Credit: 1 state elective credit

This class is designed to support students in meeting individual math goals necessary in achieving academic success; to support students in meeting Algebra 1 EOC requirements. **This course will receive a state elective credit. Strategic Math does NOT satisfy a Math credit requirement under the FHSP.**

Science

ADVANCED ANIMAL SCIENCE (ADVANSCI) 13000700

Grade Placement: 11-12
Prerequisite: Biology, Chemistry (or IPC), Algebra 1, Geometry; & either Sm. Animal, Equine, or Livestock
CHS No. 7150
Credit: 1.0

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. Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

ANATOMY AND PHYSIOLOGY (ANATPHYS) 13020600

Grade Placement: 11-12
Prerequisite: Biology & 1 other Science credit
CHS No. 7500
Credit: 1

This course is the study of the functions or activities of the various parts of the body. Topics will include the structure, functions, and interactions of the various body systems. Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving.

AP BIOLOGY II (AP-BIO) A3010200

Grade Placement: 11-12
Prerequisite: Biology & Chemistry
CHS No. 3350
Credit: 1

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

AP CHEMISTRY II (AP-CHEM) A3040000

Grade Placement: 11-12
Prerequisite: Chemistry & Algebra 2
CHS No. 3380
Credit: 1

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. College Course Equivalent The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year.

AP PHYSICS C: MECHANICS (APPHYS1) A3050003

Grade Placement: 11-12 (Fall Only)
Prerequisite: Physics; Calculus or concurrent enrollment
CHS No. 3374
Credit: 1

AP PhysicsC:Mechanics is a calculus-based introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in these topics: Kinematics, Forces and Translational Dynamics, Work, Energy, and Power, Linear Momentum, Torque and Rotational Dynamics, Energy and Momentum of Rotating Systems, and Oscillations.

AP PHYSICS C: ELECTRICITY & MAGNETISM (APPHYSCE) A3050005

Grade Placement: 11-12 (Spring Only)
Prerequisite: AP Physics C: Mechanics or AP Physics 1; Calculus or concurrent enrollment
CHS No. 3375
Credit: 1

AP Physics C:Electricity and Magnetism is a calculus-based introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in these topics: Electric Charges, Fields, and Gauss's Law, Electric Potential, Conductors and Capacitors, Electric Circuits, Magnetic Fields and Electromagnetism, and Electromagnetic Induction.

AQUATIC SCIENCE (AQUA SCI) 03030000

Grade Placement: 11-12
Prerequisite: Biology; Recommended: Chemistry or concurrent enrollment
CHS No. 3050
Credit: 1

This course will explore the earth’s oceans and freshwater and their effect on our weather, our food supply, our oxygen, and our economy. Topics will include currents, tides, waves, salinity, weather, mapping of the ocean floor, and water pollution. Life in the marine environment worldwide will be investigated and studied.

BIOLOGY (BIO) 03010200

Grade Placement: 9-12
Prerequisite: None
CHS No. 3020
Credit: 1

This course is based on an understanding of the unifying principles and concepts applicable to all life forms. The course content includes projects, laboratory work, and written assignments stressing the basic principles underlying modern biology.

BIOLOGY HONORS (BIO) 03010200

Grade Placement: 9-12
Prerequisite: Must pass 8th grade Science STAAR
CHS No. 3320
Credit: 1

This course is based on an understanding of the unifying principles and concepts applicable to all life forms. The course content includes projects, laboratory work, and written assignments stressing the basic principles underlying modern biology. Additional Biology content covered and Biology projects assigned throughout the year.

CHEMISTRY (CHEM) 03040000

Grade Placement: 10-12
Prerequisite: Algebra 1, 1 credit of Science
CHS No. 3030
Credit: 1

This introductory course is a broad overview of the principles of chemistry and the reactivity of chemical elements and compounds. It will provide insight into the chemical world around us, and provide the tools needed to function as a chemically literate citizen. Math and Chemistry are inseparable and calculators are a must.

CHEMISTRY 1 HONORS (CHEM) 03040000

Grade Placement: 10-12
Prerequisite: Algebra 1, 1 credit of science
CHS No. 3330
Credit: 1

This course is for the pre-med., pre-engineer, or highly science-oriented student. Topics such as thermo-chemistry, nuclear chemistry, wave mechanics, periodicity, acid/bases, and qualitative analysis will be covered as well. A graphing calculator is a must, as well as being a self-disciplined student with good problem solving and study skills. This is a rigorous laboratory course and requires disciplined students to keep up with the additional expectations.

ENGINEERING DESIGN & PROBLEM SOLVING (ENGDPRS) 13037300

Grade Placement: 11-12
Prerequisite: Algebra 1, Geometry, and at least 1 credit from the STEM cluster (level 2 or higher)
CHS No. 7510
Credit: 1

This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development.

ENVIRONMENTAL SYSTEMS (ENVIRSYS) 03020000

Grade Placement: 11-12
Prerequisite: None
CHS No. 3060
Credit: 1

This is a course designed to interest students in ecology and environmental science. Students are made aware of environmental problems and controversies and these are examined in the framework of physical and biological principles. Studies include class discussion, projects, and laboratory investigations.

FOOD SCIENCE (FOODSCI) 13023000

Grade Placement: 11-12
Prerequisite: Biology, Chemistry and 1 additional science credit
CHS No. 7340
Credit: 1

This laboratory course provides foundational training in the area of food science, 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. Critical thinking, scientific reasoning, and problem-solving will be used to address content, which includes acids and bases, food safety and microbiology, chemical properties of food, fermentation, leavening agents, digestion, and metabolism, nutrition, and food preparation techniques. Students will prepare for ServSafe certification, a national food service manager certification.

FORENSIC SCIENCE (FORENSCI) 13029500

Grade Placement: 11-12
Prerequisite: Biology and Chemistry
CHS No. 7310
Credit: 1

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to a crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

INTEGRATED PHYSICS AND CHEMISTRY (IPC) 03060201

Grade Placement: 9 -10
Prerequisite: None
CHS No. 3010
Credit: 1

This is a study of matter, energy, and the different forces present in our universe. This science is divided into two main branches – chemistry and physics. The chemistry section will include the study of many different elements, compounds, and chemical interactions. The physics section will include the study of forces, motions, light, sound, and electricity and will include outside projects.

ONRAMPS PHYSICS (PHYSICS) 03050000
Grade Placement: 10-12
Prerequisite: Algebra, Geometry & Algebra 2; Recommended: Precalculus
CHS No. 3344
Credit: 1; College Credit Potential: 4 Hours

This is an algebra-based course in mechanics. Proficiency in algebra and geometry is assumed. Students will practice problem-solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. Students will experience high-quality curriculum designed by the faculty at UT Austin.

PHYSICS (PHYSICS) 03050000
Grade Placement: 10-12
Prerequisite: None
CHS No. 3070
Credit: 1

Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.

PHYSICS HONORS (PHYSICS) 03050000
Grade Placement: 10-12
Prerequisite: None
CHS No. 3340
Credit: 1

This course involves the study of physical phenomena through motion and energy. Laws can explain these phenomena or theories and these laws can be expressed using mathematics. The language of physics is mathematics. Topics covered: circular motion, vector forces, wave motion, sound, light, electricity, and magnetic fields.

PHYSICS FOR ENGINEERING (##########) ##########
Grade Placement: 10-12
Prerequisite: 1 Credit of Science, Algebra I
CHS No. 7522
Credit: 1

This course can be taken in place of Physics. Students will conduct 40% lab and fieldwork using safe, environmentally appropriate and ethical practices. Students will use a systematic approach to investigate mechanical, fluid, electrical, and thermal systems, and laws of motion, force, work, rate, resistance, energy, energy transformation, and power. Problems will be solved through critical thinking and decisions made within the context of technology. Relevant safety tests must be mastered. Communications of technical reports and presentations will depict algebraic equations and unit conversions.

Social Studies

AP MACROECONOMICS (AP-MACECO) A3310200

Grade Placement: 11 - 12
Prerequisite: None
CHS No. 4355
Credit: 0.5 (1 semester)

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. AP Macroeconomics is equivalent to a one-semester introductory college course in economics. Students should be able to read a college-level textbook and possess basic mathematics and graphing skills.

AP PSYCHOLOGY (APPSYCH) A3350100 (fall)
SOCIAL STUDIES ADVANCED STUDIES (SSADV1) 03380001 (spring)

Grade Placement: 11-12, (10 with passing TSIA ELAR scores or Masters level on English 1 EOC)
Prerequisite: Courses must be taken consecutively in the same school year
CHS No. 4069 & 4501
Credit: 0.5 & 0.5

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first college year. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP U.S. GOVERNMENT & POLITICS (APUSGOVT) A3330100

Grade Placements: 11-12
Prerequisite: None
CHS No. 4345
Credit : 0.5 (1 semester)

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. AP U.S. Government and Politics is equivalent to a one-semester introductory college course in U.S. government. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP U.S. HISTORY (APUSHIST) A3340100

Grade Placement: 10-12
Prerequisite: None
CHS No: 4330
Credit: 1.0

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. AP U.S. History is equivalent to a two-semester introductory college course in U.S. history. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP WORLD HISTORY: MODERN (APWHIST) A3370100

Grade Placement: 10-12
Prerequisite: None
CHS No: 4320
Credit: 1.0

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

DUAL CREDIT ECON 2301: PRINCIPLES OF MACROECONOMICS (ECO-FE) 03310300

Grade Placement: 11-12
Prerequisite: Passing score on TSIA ELAR and Math
CHS No. 4375
Credit: 0.5 (1 semester)

An analysis of the economy as a whole, including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.
Fees/materials: Tuition and book as required by Victoria collage.

DUAL CREDIT GOVT 2305: FEDERAL GOVERNMENT (GOVT) 2305 03330100
Grade Placement: 11–12
Prerequisite: Passing score on TSIA ELAR
CHS No. 4367
Credit: 0.5 (3 college hours)

Origin and development of the U.S. Constitution, structure and powers of the national governments including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, and civil rights.
Fees/materials: Tuition and book as required by the college.

DUAL CREDIT HIST 1301 UNITED STATES HISTORY (US HIST) 03340100
Grade Placement: 11-12
Prerequisite: Passing score on TSIA ELAR
CHS No: 4363
Credit: 0.5 (3 college hours)

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. Themes that may be addressed include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration and creation of the federal government.
Fees/materials: Tuition and book as required by the college.

DUAL CREDIT HIST 1302 UNITED STATES HISTORY (US HIST) 03340100
Grade Placement: 11-12
Prerequisite: Passing score on TSIA ELAR
CHS No: 4363
Credit: 0.5 (3 hours college credit)

United States History examines industrialization, immigration, world wars, the Great Depression, the Cold War, and post-Cold War eras. Themes that may be addressed include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U. S. foreign policy.
Fees/materials: Tuition and book as required by the college.

DUAL CREDIT GENERAL PSYCHOLOGY; PSYC 2301 (PSYCH) 03350100
Grade Placement: 10-12
Prerequisite: Passing score on TSIA ELAR
CHS No: OL50
Credit: 0.5 (3 hours college credit)

General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. Fees/materials: Tuition and book as required by the college.

ECONOMICS (ECO-FE) 03310300

Grade Placement: 11 -12
Prerequisite: None
CHS No. 4055
Credit: 0.5 (1 semester)

This course is designed to help students apply quantitative and mathematical skills to economic concepts, improve decision-making skills, and apply economic logic to real-world and hypothetical situations. Special emphasis will be given to the stock market, Federal Reserve System, taxes, business organizations, and supply and demand.

ETHNIC STUDIES: MEXICAN AMERICAN STUDIES (ESMAS) 03380084

Grade Placement: 10 -12
Prerequisite: None
CHS No. 4040
Credit: 1

In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century. The use of a variety of rich primary and secondary source material such as biographies, autobiographies, landmark cases of the U.S. Supreme Court, novels, speeches, letters, diaries, poetry, songs, and artwork may be used.

ONRAMPS U.S. HISTORY I & II (US HIST) 03340100

Grade Placement: 11-12
Prerequisite: English 2 or concurrent enrollment
CHS No. 4390 / 4391
Credit: 0.5 & 0.5

In these two sequential courses, students explore the scope and depth of the American experience, engaging with course material both independently and collaboratively to develop critical thinking skills, analyze evidence-based historical narratives, and conduct archival research. Each unit consists of primary and secondary sources that challenge students to uncover the complexities within historical study.

PERSONAL FINANCIAL LITERACY (PFL) 03380082

Grade Placement: 10-12
Prerequisite: None
CHS No. 4081
Credit: 0.5 (1 semester)

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, businesses, consumer goods, and services in a responsible way, and secure a future without depending on outside assistance.

PSYCHOLOGY (PSYCH) 03350100

Grade Placement: 10-12
Prerequisite: None
CHS No. 4066
Credit: 0.5 (1 semester)

The study of human behavior will deal with the individual and his behavior and personality. Each student is expected to develop a personal philosophy of personality development.

SOCIOLOGY (SOC) 03370100

Grade Placement: 10-12
Prerequisite: None
CHS No. 4076
Credit: 0.5 (1 semester)

Groups, or social structures, have a profound influence over the way individuals think, feel, and act. Sociology provides tools to understand what these social structures are, how they affect our beliefs and behaviors, and how individuals relate to one another. Students in this introductory course will begin to see how social forces affect our lives.

UNITED STATES GOVERNMENT (GOVT) 03330100

Grade Placement: 11 - 12
Prerequisite: None
CHS No. 4045
Credit: 0.5 (1 semester)

The emphasis in this course is placed on government at the national level with attention given specifically to the heritage of the United States Government, the basic principles of the Constitution, the civil and political rights and the responsibilities of a free people, and the functions of the federal system.

UNITED STATES HISTORY (US HIST) 03340100

Grade placement: 10 -12
Prerequisite: None
CHS No. 4030
Credit: 1.0

This course is a survey study of the United States beginning with a review of U.S. History from 1600 to 1865, and continuing with Reconstruction with emphasis on the emergence of the United States as a world power and the investigation of political, economic, cultural, and social development of the United States.

WORLD GEOGRAPHY (W GEO) 03320100

Grade Placement: 9-12
Prerequisite: None
CHS No. 4010
Credit: 1

This course deals with the nature of geography with an emphasis on the physical setting of the earth, the interaction of the physical environments, and its influence on the actions of man. Students will learn about human geography, political divisions and the tools geographers use in practice.

WORLD GEOGRAPHY PRE-AP (W GEO) 03320100

Grade Placement: 9-12
Prerequisite: None
CHS No. 4310
Credit: 1

A student in Pre-AP/Honors World Geography will study the physical, economic, environmental, and cultural aspects of geography in greater depth and complexity. There will be an emphasis on critical thinking, problem-solving, essay writing and analytical reading of primary as well as secondary source documents. Students will participate in collaborative groups and class presentations that focus on developing communication and higher-level thinking skills.

WORLD HISTORY (W HIST) 03340400

Grade Placement: 10-12
Prerequisite: None
CHS No. 4020
Credit: 1.0

This course is a survey of the development of man from the beginning of civilization to the present. This course gives the student a view of man's historical development in all areas of the world as well as the resulting world culture.

Languages Other Than English

CHINESE

AP CHINESE LANGUAGE & CULTURE (APCHLAN) A3490400

Grade Placement: 11 - 12
Prerequisite: Chinese 3 (recommended)
CHS. No. 5340
Credit: 1

The AP Chinese Language and Culture course in Mandarin Chinese emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Chinese Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Chinese. The AP Chinese Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). The AP Chinese Language and Culture course is designed to be comparable to fourth semester (or the equivalent) college/university courses in Mandarin Chinese.

CHINESE I (CHIN1) 03490100

Grade Placement: 9-12
Prerequisite: None
CHS. No. 5210
Credit: 1

Chinese 1 teaches the basic principles of Chinese grammar through listening, reading, writing and Chinese culture. It also introduces basic conversation. (Fifty percent of the grade is oral presentation)

CHINESE II (CHIN2) 03490200

Grade Placement: 9-12
Prerequisite: Chinese I
CHS. No. 5220
Credit: 1

Chinese 2 offers intermediate Chinese through conversation, reading, writing, and Chinese culture. (Fifty percent of the grade is oral presentation)

CHINESE III (CHIN3) 03490300

Grade Placement: 10 - 12
Prerequisite: Chinese II
CHS. No. 5230
Credit: 1

Chinese 3 teaches advanced reading, writing, conversation, and culture study. (Fifty percent of the grade is oral presentation.

SPANISH

ACCELERATED SPANISH I (SPAN1) 03440100

Grade Placement: 9 -12
Prerequisite: Entrance exam
CHS No. 5105
Credit: 1 (Fall semester)

Accelerated Spanish 1 is recommended for native speakers. Readings include historical pieces of Spanish Literature. Thirty percent of the grade is written composition. All of the Spanish 1 objectives are covered in one semester. This class moves rapidly in order to cover all the objectives of Spanish 1 in one semester.

ACCELERATED SPANISH II (SPAN2) 03440200

Grade Placement: 9 -12
Prerequisite: Spanish I
CHS No. 5115
Credit: 1 (Spring semester)

Accelerated Spanish 2 is recommended for continuation of the Accelerated Spanish 1 students or native speakers. Thirty percent of the grade is written composition. All of the objectives in Spanish 2 will be covered within one semester. Spanish literature is a basic component of this course. This class moves rapidly in order to cover all the objectives of Spanish 2 in one semester.

AP SPANISH LANGUAGE AND CULTURE (APSPALAN) A3440100

Grade Placement: 11-12
Prerequisite: Spanish 3 (recommended)
CHS No. 5320
Credit: 1

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). The AP Spanish Language and Culture Course is approximately equivalent to an upper-intermediate college or university course in Spanish language and culture.

DUAL CREDIT SPANISH 1411 (Spanish I or II)

Grade Placement: 9-12
Prerequisite: TSIA complete in reading
CHS No. TBD
Credit 1

Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level.

DUAL CREDIT SPANISH 1412 (Spanish II or III)
Grade Placement: 9-12
Prerequisite: SPAN 1411
CHS No. TBD
Credit 1

Continued development of basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the high beginner to low intermediate level.

SPANISH I (SPAN1) 03440100
Grade Placement: 9-12
Prerequisite: None
CHS. No. 5110
Credit: 1
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Spanish 1 teaches the student to understand, speak, read, and write simple Spanish. Spanish culture is introduced. Emphasis is placed on vocabulary, pronunciation, basic sentence structure and grammar. Drills of the tenses of the present, preterit, and familiar commands are done.

SPANISH II (SPAN2) 03440200
Grade Placement: 9 -12
Prerequisite: Spanish I
CHS No. 5120
Credit: 1

Spanish 2 offers intermediate Spanish through conversation, reading, and writing. Spanish grammar is taught this year. It provides a review of the tenses: present, preterit, imperfect, and familiar commands. It introduces the future, future perfect, conditional and conditional perfect present and past progressive tenses. Writing mainly consists of structured drills emphasizing the constructions presented. Spanish culture is presented through reading on Spanish countries, projects, and reports.

SPANISH III (SPAN3) 03440300
Grade Placement: 10--12
Prerequisite: Spanish II
CHS No. 5130
Credit: 1

Spanish 3 completes the presentation of Spanish grammar. Review of all tenses and a continuation of its practices and addition to the subjunctive tense. The readings during the second semester are excerpts from Spanish masterpieces and historical Spanish Literature. Writing and speaking are based on the material read.

SPECIAL TOPICS IN LANGUAGE AND CULTURE (SPECTLC) 11410000

Grade Placement: 10-12
Prerequisite: None
CHS No. 5450
Credit: 1

The study of world languages is an essential part of education. In the 21st-century language classroom, students gain an understanding of two basic aspects of human existence: the nature of communication and the complexity of culture. Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development, increased creativity, and divergent thinking.

Fine Arts

VISUAL ARTS

Visual Art students will develop skills in observation, problem-solving, visual communication, use of art media, self-expression, and critique. The student is responsible for purchasing basic art supplies. A list of these supplies is given to the student during the first week of school and may be ordered from the art teacher for a reduced cost. Some consumables may need to be replenished during the course of the year. Additional charges may occur for special projects and competitions (primarily in upper-level art courses).

AP PORTFOLIO, 2-D DESIGN (AP2DDP) A3500400

Grade Placement: 11-12
Prerequisite: Art 2, Design 1
CHS No. 6546
Credit: 1

This course follows College Board outlines for Advanced Placement Studio Portfolios, and is designed for students who are seriously interested in exploring 2-D design issues. Students will demonstrate proficiency in 2-D design using a variety of art forms, such as graphic design, digital imaging, photography, collage, illustration, printmaking, painting, and mixed media. This course is designed to prepare the student to submit an AP portfolio. The portfolio is submitted as both original pieces and as digital photos of selected pieces that represent the student's best works and includes a written statement defining the student's focus of concentration. All students are expected to submit a portfolio for Advanced Placement review. A sketchbook and portfolio carrier is required along with other art supplies. Expect summer assignments if you enroll in this class.

ART APPRECIATION (ART1APP) 03500110

Grade Placement: 9-12
Prerequisite: None
CHS No. 6412
Credit: 1 (1 semester)

This is a course designed to fulfill a minimum fine arts requirement. It is not a prerequisite to advanced art courses. The student wanting to advance in Art needs to take Art 1, a yearlong course, instead. The class will cover important works from architecture, painting, sculpture, and design from prehistory to the present, with emphasis on the role of art in society. The student will be introduced to basic vocabulary and art critique. Art projects will help students appreciate how art is used to communicate ideas. Low-cost basic art supplies are required (less than $10).

ART 1 (ART 1) 03500100

Grade Placement: 9-12
Prerequisite: None
CHS No. 6410
Credit: 1

This is a yearlong course for the beginning art student interested in advancing to upper-level art classes, as an endorsement, a career, or investigating art as a personal interest. There are no prerequisites. Students will learn basic design and technical skills to create original work while learning how to visually interpret and critique the art created. Students will be introduced to many different types of studio art including drawing, painting, sculpture, digital art, and mixed media art, and learn effective ways of using the different art

materials. Students will study key points in art history and learn how and why other cultures use art. A sketchbook is required along with other basic art supplies.

ART 2, DESIGN 1 (ART2DES) 03501210

Grade Placement: 10-12
Prerequisite: Art 1
CHS No. 6452
Credit: 1

Design I students will build on skills and working vocabulary learned in Art 1, and learn what is expected for AP Art. They will begin to learn the process of making and evaluating original art worthy of contests, portfolios for AP art, college, and future careers. Students will find inspiration through the study of historic and modern works, commercial design, and world cultures. They will produce individual and group projects with a wide variety of media, creating original concepts related to identity and visual culture; exploring various approaches to communicating an idea through 2-D artwork and digital media. A sketchbook is required along with other basic art supplies.

ART 3, DESIGN 2 (ART3DES) 03502210

Grade Placement: 11-12
Prerequisite: Art 2, Design 1
CHS No. 6492
Credit: 1

Design 2 students are invested in Art as a major interest and a possible career path. Students will explore style and preferred media, along with possible career paths and colleges. They will learn the process of working independently by creating their own projects and having a direction in their work. Students will be expected to prepare art for VASE and other art contests and shows. They will produce individual and group projects that communicate individual and collective ideas. A sketchbook and portfolio carrier is required along with other art supplies.

ART 4, DESIGN 3 (ART4DES) 03503210

Grade Placement:11-12
Prerequisite: Art 3, Design 2
CHS No. 6541
Credit: 1

Design 3 students are dedicated to working independently on style and direction of their artwork. They will be developing work for their final Senior Show in the spring. Students will continue exploring possible career paths and colleges, and gather the pieces needed for a successful portfolio. Students will be expected to prepare art for VASE and other art contests and shows. They will produce individual and group projects that communicate individual and collective ideas. A sketchbook and portfolio carrier is required along with other art supplies.

ADVANCED ART BLOCK 1: ART 2, PAINTING 1 (ART2PATG) 03500600
ADVANCED ART BLOCK 2: ART 3, PAINTING 2 (ART3PATG) 03501400
Grade Placement: 11-12
Prerequisite: Art 2, Design 1; Corequisite: Art 3, Art 4, or AP Art
CHS No. 6431, 6432
Credit: 1

This course is taken in addition to an advanced art course to provide an extended time for studio art and project development. It creates a 2 class block when paired with Art 3, 4, or AP Portfolio, and represents a fine arts credit. It is not to be taken as a class on its own. It must be paired with another art class.

DUAL CREDIT ART APPRECIATION; ARTS 1301 (ART1APP) 03500110
Grade Placement: 9-12
Prerequisite: Passing score on TSIA ELAR
CHS No. OL62
Credit: 1 (1 semester)

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

THEATRE ARTS

TECHNICAL THEATRE

Technical Theatre 1 (TH1TECH) 03250500
Technical Theatre 2 (TH2TECH) 03250600
Technical Theatre 3 (TH3TECH) 03251100
Technical Theatre 4 (TH4TECH) 03251200
Grade Placement: 9-12
Prerequisite: None, Courses must be taken in sequence
CHS No: 6381, 6382, 6383, 6384
Credit: 1

These are activity classes in the technical aspects of theater. Students will have to follow strict safety guidelines much like a shop class. This is a good place for students who would like to be part of the theater department, but do not want to act. There will be expectations of being on the crews of all the theater productions.

THEATRE ARTS 1 (TH1) 03250100

Grade Placement: 9-12
Prerequisite: None
CHS No: 6310
Credit: 1

An introduction course to the new student in theatre which concentrates on terminology used in the theatre, the rudiments of technical theater, and acting exercises to stimulate the imagination of the student and his/her awareness of the role of the actor on the stage. Development of theatre and characterizations are accomplished through improvisational exercises; scene and character analysis of selected plays, and detailed concentrated work on characterizations through humorous and dramatic interpretations, and acting scenes with other students.

THEATRE ARTS 2 (TH2) 03250200

Grade Placement: 10-12
Prerequisite: Theatre Arts 1
CHS No: 6320
Credit: 1

This course analyzes the multiple components and skills that comprise a theatrical production, and provide for the continued development of acting and production skills. It concentrates on the process and methods of theatre production. Students will develop audition techniques, playwriting techniques, rehearsal process, and perform in public.

THEATRE ARTS 3 (TH3) 03250300
Grade Placement: 11-12
Prerequisite: Theatre Arts 2
CHS No: 6330
Credit: 1

This course includes a detailed study of theatrical styles, script and character analysis, directing, and emphasizes career opportunities available in theatre arts. Evaluations of production styles and techniques will be made. The focus is on performance. Students will be required to audition, rehearse, and perform in a production.

THEATRE ARTS 4 (TH4) 032504000
Grade Placement: 12
Prerequisite: Theatre Arts 3
CHS No: 6340
Credit: 1

The course provides an in-depth look at all aspects of theatrical production, with an emphasis on directing, script and character analysis, and theatrical evaluation. Focus is on the production of classical and contemporary material.

THEATRE PRODUCTION
Theatre Production 1 (TH1PROD) 03250700
Theatre Production 2 (TH2PROD) 03250800
Theatre Production 3 (TH3PROD) 03250900
Theatre Production 4 (TH4PROD) 03251000
Grade Placement: 10-12
Prerequisite: Theatre 1 and audition; then courses must be taken in sequence
CHS No: 6351, 6352, 6353, 6354
Credit: 1

This is the select theatre production team which represents Calhoun High School in frequent community and regional performances and UIL competitions. Students will be expected to develop their skills in multiple areas of theatre production including oral interpretation, acting, directing, stage management, publicity, set design and construction, costuming and make-up, and lighting and sound. This course provides a laboratory learning experience for the exploration, development and synthesis of the elements and components of theater through production activities. Students are required to participate in all Theater Productions including UIL OAP as a requirement for the course. This will consist of after school and weekend commitments. Placement in this class is at the discretion of the director. Academic eligibility is a consideration for placement and continued participation in this class.

THEATRE & MEDIA COMMUNICATIONS 1 (TH1MCOM) 03251300
Grade Placement: 9-12
Prerequisite: None
CHS No: 6360
Credit: 1 (1 semester)

An exploratory course of the fundamentals of theater production from the point of view of an audience member using technology to facilitate the study of theater. Students will experience dramatic literature in several formats, including close reading of play scripts and viewing live performances. Students will analyze and critique those experiences, both in writing and in class discussions. Students will explore theatre history and analyze the role of theater in society. This is a course designed to fulfill a minimum fine arts requirement in one semester. It is not a prerequisite for advanced theatre courses. The student wanting to advance in Theatre needs to take Theatre 1, a yearlong course, instead.

MUSICAL THEATRE
Musical Theatre 1 (MUSTH1) 03251900
Musical Theatre 2 (MUSTH2) 03252000
Musical Theatre 3 (MUSTH3) 03252100
Musical Theatre 4 (MUSTH4) 03252200
Grade Placement: 9-12
Prerequisite: None, Courses must be taken in sequence
CHS No: 6371, 6372, 6373, 6374
Credit 1

Musical Theatre classes are performance based courses. Students will have to perform in front of audiences. There will be acting, singing and dancing requirements. There will also be after school performance expectations.

VOICE

APPLIED MUSIC 1-VOICE (MUS1APL) 03152500
APPLIED MUSIC 2-VOICE (MUS2APL) 03152600
Grade Placement: 10-12
Prerequisite: At least one year of high school choir and concurrent enrollment in choir
CHS No: 6884, 6885
Credit: 1

Students will receive individual vocal instruction in order to improve their performance skills. Supervised practice will enhance the student's ability as he/she performs in a choir and prepares for individual competitions. Enrolled students must commit to entering the All-State auditions during the fall semester and participating in UIL Solo & Ensemble contest during the spring semester. Students will also be required to master basic music theory and sight-singing skills as a part of their individualized program of study. The class size will be limited and the choral director's approval is required. (Academic eligibility will be a consideration for approval.)

JV TREBLE CHOIR
JV Treble Choir 1 (MUS1CHOR) 03150900
JV Treble Choir 2 (MUS2CHOR) 03151000
JV Treble Choir 3 (MUS3CHOR) 03151100
JV Treble Choir 4 (MUS4CHOR) 03151200
Grade Placement: 9-12
Prerequisite: None
CHS No: 6750, 6760, 6770, 6780
Credit 1

This is an intermediate level choral ensemble open without audition to women in all grades. This class provides developmental instruction in sight-reading, vocal techniques and choral rehearsal skills. This choir will perform quality seasonal, contest and choral literature at all concerts. Opportunities for competitions are encouraged, but are not mandatory.

VARSITY TREBLE CHOIR
Varsity Treble Choir 1 (MUS1VOEN) 03152100
Varsity Treble Choir 2 (MUS2VOEN) 03152200
Varsity Treble Choir 3 (MUS3VOEN) 03152300
Varsity Treble Choir 4 (MUS4VOEN) 03152400
Grade Placement: 10-12
Prerequisite: Audition
CHS No: 6790, 6800, 6810, 6820
Credit: 1

This is the advanced women's choral ensemble which represents Calhoun High School as the "select" choir in frequent community and regional performances and both TMEA and UIL competitions. Women in 10th, 11th and 12th grades are eligible for placement in this choir after one year in JV Treble choir. Placement in this choir is at the discretion of the director. All performances and competitions are mandatory for members of this choir. Academic eligibility is a consideration for placement and continued participation in this choir.

MEN'S CHOIR
Men's Choir 1 (MUS1CHOR) 03150900
Men's Choir 2 (MUS2CHOR) 03151000
Men's Choir 3 (MUS3CHOR) 03151100
Men's Choir 4 (MUS4CHOR) 03151200
Grade Placement: 9-12
Prerequisite: None
CHS No: 6840, 6850, 6860, 6870
Credit: 1

This choir is open to all male students who may or may not have previously been involved in a choir. This class provides developmental instruction in sight-reading, vocal techniques and choral rehearsal skills especially focused on the unique needs of the young male singer. This choir will perform quality seasonal, contest, ensemble and choral literature at all concerts. Opportunities for participation in competitions are provided and there will also be chances to combine forces with the Varsity Treble Choir for mixed choir song literature and performances.

INSTRUMENT

APPLIED MUSIC 1 - BAND (MUS1APL) 03152500
APPLIED MUSIC 2 - BAND (MUS2APL) 03152600
Grade Placement: 9-12
Prerequisite: None Corequisite: Honors or Symphonic Band
CHS No: 6210, 6212
Credit: 1

This course is designed for the instrumental student to improve their technical/musical skills on their instrument. This is by no means a beginning class and the student must have adequate acquired skills on their instrument. This is recommended for the student who wants to try-out for District, Region, Area and State Music competitions and Solo/Ensemble Contests. Students will receive help with various individual tryouts and competition music that cannot be covered in the performing groups' rehearsals.

BAND
Prerequisite: Auditions, previous enrollment in band, or qualified instruction on a band instrument by band instructor.

6112 HONORS BAND I	**6114 SYMPHONIC BAND I**
6122 HONORS BAND II	**6124 SYMPHONIC BAND II**
6132 HONORS BAND III	**6134 SYMPHONIC BAND III**
6142 HONORS BAND IV	**6144 SYMPHONIC BAND IV**

Band students learn intermediate and advanced instrumental techniques, fundamentals, and artistry. They will perform a variety of repertoire from different style periods that will challenge them to an advanced level of musicianship. Students will be placed in a performing ensemble (Honors Band or Symphonic Band) after an evaluation during the previous spring that is based on developed skills, ability, and instrumentation needs of the ensembles. Participation in performances and practices during school hours, after school, and on weekends is required as part of the student's grade for each class. Students enrolling in any band class are hereby advised that failure to participate in one or more performances is grounds for removal from performances, the band class and/or a failing grade. Opportunities to participate in District, Region, Area, and State level competitions are available and, when possible, all ensembles will compete at UIL Concert and Sightreading Contest. Therefore band students are required to maintain academic eligibility.
*Credit for physical education is granted only if a student actively participates in marching band activities. Failure to participate in marching activities may result in noncompliance toward the PE credits required for graduation.
** A participation fee may be required of each student at the beginning of the school year.

6191 CONCERT BAND 1 (MUS1BAND) 03150100
6192 CONCERT BAND 2 (MUS2BAND) 03150200
6193 CONCERT BAND 3 (MUS3BAND) 03150300
6194 CONCERT BAND 4 (MUS4BAND) 03150400
Grade Placement: 9-12
Prerequisite: None
Credit: 1

In this music course, students will begin their study of instrumental music and standard performance practices on woodwind, brass, and percussion instruments. Instruction areas include ensemble rehearsal and performance techniques, musicianship, tone production, sight reading, and music literacy.

6150 JAZZ BAND 1 (MUS1JZBN) 03151300
6160 JAZZ BAND 2 (MUS2JZBN) 03151400
6170 JAZZ BAND 3 (MUS3JZBN) 03151500
6180 JAZZ BAND 4 (MUS4JZBN) 03151500
Grade Placement: 9-12
Prerequisite: Auditions are required
CHS No. 6150, 6160, 6170, 6180
Credit: 1

This course is for those students interested in pursuing the study and performance of jazz/popular music. The jazz band provides enrichment for band and choir students which are not possible in those classes because of instrumentation and their emphasis on marching and concert performances. Students will perform in a variety of formal and informal settings and may participate in festivals, competitions and concerts. This course must be taken in conjunction with Band, except when instrumentation needs cannot be met with students within the band program, ie Bass Guitar, Piano, Guitar, vocalist. The study of improvisation will be incorporated into the curriculum of this course.

MARIACHI 1 (MUS1MAR) 03153800
MARIACHI 2 (MUS2MAR) 03153900
MARIACHI 3 (MUS3MAR) 03154000
MARIACHI 4 (MUS4MAR) 03154100
Grade Placement: 9-12
Prerequisite: Auditions are required
CHS No. 6101, 6102, 6103, 6104
Credit: 1

Students will learn about the culture, various musical instruments, and history of mariachi music from Mexico. Opportunities for students to perform will include concerts, contests, trips, and various civic functions. Before or after school rehearsals and events may be required.

MUSIC 1 - PIANO 1 (MUS1PIA) 03154200
Grade Placement: 9-12
Prerequisite: None
CHS No: 6250
Credit: 1

Piano is a full-year introduction to piano studies course specially designed for the older beginner. Students will learn to read the musical notation of melodies, chords, and rhythms as they learn technical skills and develop the mind/body coordination necessary for playing the piano. The class is structured with frequent individual practice sessions on electronic keyboards and opportunities to play and perform on a full-size

acoustic piano. While music reading is emphasized, students can also explore the improvisation of jazz and pop styles. Finally, students will study the lives and music of famous pianists and composers. Equipment and materials are provided. There will be a $15.00 equipment use fee assessed.

MUSIC STUDIES, MUSIC APPRECIATION (MUSSMA1) 03155600
Grade Placement: 9-12
Prerequisite: None
CHS No: 6280
Credit: 1 (1 semester)

This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. Topics may include: early musical forms, classical music, American jazz, modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the relationship between music and social movements and reveals how the emergent global society and the prominence of the Internet are making musical forms more accessible worldwide.

DANCE

The following dance courses are designed for those students who participate in UIL competition and the students must be prepared to remain eligible for UIL purposes. UIL requires passing all courses every six weeks. If a student is removed from the course because he/she is not eligible, credit will not be awarded for the course. Students are given the opportunity to learn creative expression through movement. Dance as an art form will be studied, and students will be given the opportunity to study the work of dance arts and view dance performances. Fundamental skills will be acquired in these dance techniques: ballet, modern, jazz, and tap.

CHEERLEADING 1 (DANCE 1) 03830100
CHEERLEADING 2 (DANCE 2) 03830200
CHEERLEADING 3 (DANCE 3) 03830300
CHEERLEADING 4 (DANCE 4) 03830400
Grade Placement: 9-12
Prerequisite: Tryouts are required
CHS No: 6701, 6711, 6721, 6731
Credit: 1

Calhoun Cheer participates at all sporting events. Tryouts are mandatory and members must make the squad to participate. There will be a mandatory parent meeting in the spring semester prior to tryouts. Squad members must be enrolled in the cheer class and remain in the class throughout the school year. Squad members will be expected to participate in all Calhoun Cheer and Calhoun Cheer Booster Club fundraisers, as well as provide a parent/guardian to assist.

COLORGUARD 1 (DANCE 1) 03830100
COLORGUARD 2 (DANCE 2) 03830200
COLORGUARD 3 (DANCE 3) 03830300
COLORGUARD 4 (DANCE 4) 03830400
Grade Placement: 9-12
Prerequisite: Tryouts are required
CHS No: 6661, 6671, 6681, 6691
Credit: 1

The Color Guard at Calhoun High School is a part of the marching and music program of the CHS band. During football season, the Color Guard is an integral part of the marching design, color palette, and musical interpretation of the show. The guard uses equipment and props, along with movement, to express dynamic passages in the music accompanying the marching band show. The CHS Color Guard performs during football games at halftime, at competitions with the band, and at various other events throughout the year. Tryouts for Color Guard occur each spring, and any 8th- 11th grade CCISD student is welcome to audition. Daily rehearsals for the fall season begin in late July and are required for membership on the team.

JV SANDETTES 1 (DANCE 1) 03830100
JV SANDETTES 2 (DANCE 2) 03830200
Grade Placement: 9-12
Prerequisite: Tryouts are required
CHS No: 6600, 6610
Credit: 1

This course is designed to train and prepare students to become members of the Sandette Drill Team. It includes music and dance appreciation, exercise, and body movement, appearance, and self-evaluation, developing skills for parade and performance choreography, which incorporates dance and marching steps to put together a dance routine. Students are not required to participate in UIL events. This course will satisfy a fine art credit. Students must have tried out for Sandettes in order to participate in this class without teacher approval.

SANDETTES 1 (DANCE 1) 03830100
SANDETTES 2 (DANCE 2) 03830200
SANDETTES 3 (DANCE 3) 03830300
SANDETTES 4 (DANCE 4) 03830400
Grade Placement: 9-12
Prerequisite: Tryouts are required
CHS No: 6621, 6631, 6641, 6651
Credit: 1

Sandettes are a dance team that performs during halftime at the football games. This course introduces students to practices, philosophies, terminologies, and various styles of dance through movement. Students will study basic choreographic elements and principles. Students are expected to participate year-round which will also include competition and a Spring show.

Physical Education

PE 1: LIFETIME FITNESS & WELLNESS PURSUITS (LIFEFIT) PES00051
PE 2: LIFETIME RECREATION & OUTDOOR PURSUITS (LIFEROP) PES00053
PE 3: SKILL-BASED LIFETIME ACTIVITIES (SBLIFE) PES00056
PE 4: LOCAL PE
Grade Placement: 9-12
Prerequisite: None
Credit: 1

	1	2	3	4
PE-Girls	9021	9022	9023	9024
PE-Boys	9011	9012	9013	9014

ATHLETICS
Grade Placement: 9-12
Prerequisite: Placement is based on tryouts*
Credit: 1

The following competitive athletic programs are designed for those who are highly motivated to participate in team and individual UIL athletics. Participants are expected to meet all UIL regulations and must maintain academic standards while devoting a great deal of time outside the school day toward these programs. If a student is removed from the course because he/she is not eligible, credit will not be awarded for the course.
*Coaches have the final say as to who is placed in an athletics course or on an athletics team. Coaching staff will be sent a list of students who have requested athletics courses and will make adjustments as necessary. Students may not enter an athletics course during the school year without the appropriate coach's approval.

Time(s) taken	1st	2nd	3rd	4th
9th Girls Athletics	9211			
JV/Varsity Girls Athletics	9221	9222	9223	9224
9th Football	9101			
JV/Varsity Football	9111	9112	9113	9114
9th Basketball	9120			
Basketball	9121	9122	9123	9124
Baseball	9131	9132	9133	9134
Soccer	9191	9192	9193	9194
Track	9171	9172	9173	9174
Powerlifting	9141	9142	9143	9144
Golf	9151	9152	9153	9154
Tennis	9161	9162	9163	9164

PE SUBSTITUTIONS
Band (Marching), Sandettes, Colorguard, and Cheerleading will receive 0.5 credit for the 1st semester in addition to the fine art credit. ROTC can be used as a substitution for 1 PE credit if none have been earned.

ELECTIVES

BRAILLE (BRAILLE) N1100505

Grade Placement: 9-12
Prerequisite: Placement by IEP Committee
CHS No: 8600
Credit: 1

This course will provide instruction in pre-braille skills, tactual discrimination, the reading and writing of the braille code, and the development of efficient braille reading including fluency and comprehension. The braille reading and writing course will emphasize the conventions and mechanics of braille.

MULTILINGUAL ACCULTURATION STUDIES FOR NEWCOMERS (MULTILAS) N1290062

Grade Placement: 9-12
Prerequisite: Placement by LPAC Committee
CHS No: 1754
Credit: 1

The central focus of this course is to help emergent bilingual (EB) students in embracing their acculturation experience. The course takes an integrated identity approach, aiming to facilitate a successful academic journey for newcomer students as they learn a new culture and language. It offers cultural and social support tailored to the diverse needs of newcomer students, guiding them through various stages of acculturation and fostering increased community engagement and academic achievement. This course provides students with a supportive system to help them navigate and adapt during this transitional period, ultimately leading to greater success in and readiness for their academic journey.

SPORTS MEDICINE 1 (SPORTMD1) N115004

Grade Placement: 10-12
Prerequisite: Must be an active CHS Athletic Trainer
CHS No: 9185
Credit: 1

This course provides an opportunity for the study and application of the components of sports medicine including sports medicine, concepts of sports injury, athletic healthcare team, sports injury law, sports injury prevention, sports psychology, nutrition, recognition of injuries, emergency action plan and initial injury evaluation, first aid/CPR/AED, the injury process, immediate care of athletic injuries of specific body areas, skin conditions in sports, bloodborne pathogens, thermal injuries, and special medical concerns of the adolescent athlete. **This course receives 1 state elective credit. Sports Medicine does not meet the P.E. requirement under the FHSP.**

SPORTS MEDICINE 2 (SPORTMD2) N1150041
SPORTS MEDICINE 3 (SPORTMD3) N1150044
Grade Placement: 11-12
Prerequisite: Must be an active CHS Athletic Trainer, Sports Mediciane courses must be taken in sequence
CHS No: 9182, 9183
Credit: 1

This course will provide a logical progression for students that have advanced through the sports medicine courses and provide them with an opportunity to apply the knowledge and skills they have gained to athletic injury recognition, evaluation, management, treatment, and rehabilitation through research investigations and applications related to sports medicine. The athletic training students will continue to perform the assigned duties and responsibilities in the operation of the athletic training room under the supervision of a licensed athletic trainer. These duties will prepare the students to apply the knowledge and skills acquired in the sports medicine course curriculum. The required duties will be a portion of the grade earned in the course. **This course receives 1 state elective credit. Sports Medicine does not meet the P.E. requirement under the FHSP.**

STUDENT LEADERSHIP (STULEAD) N1290010
Grade Placement: 10-12
Prerequisite: None; Recommended: Active in Student Government
CHS No: 9700 (Student Leadership 1); 9701 (Student Leadership 2, Local Credit)
Credit: 1

The purpose of the Student Leadership course provides students specific skills to positively impact their lives and their communities. Areas to be addressed include leadership theory, group dynamics, project management, team building, conflict resolution, communication, SMART goal setting, and collaborative strategies. The course prepares students not only for active participation in school but also in their community. This course provides necessary information, experiences, and opportunities that will benefit students in secondary and post-secondary environments as they follow their chosen education or career path. Students solve relevant and current school and community issues by working collaboratively and independently on real-world tasks such as needs assessments, project planning, project implementation, and presentations. Student Leadership 1 is a state elective credit. Student Leadership 2 is a local elective credit.

STUDY HALL
Grade Placement: 10-12
Prerequisite: None Corequisite: A minimum of two collegiate-level courses in the semester taken
CHS No: 9815
Credit: 1 (Local)

Study Hall is reserved for students who have chosen to take a rigorous course load. Students who do not maintain enrollment in at least two courses with collegiate level instruction will be removed from the study hall. Students are expected to use their study hall period on academic endeavors. Students who do not use their study hall for academic work may be removed and placed in another course at any time.

UNIFIED P.E.
Grade Placement: 11-12
Prerequisite: None
CHS No: 9250
Credit: 1

Unified Physical Education provides a unique opportunity for students with and without disabilities to come together through ongoing educational and physical activities. **This course receives 1 local elective credit. This course does not meet the P.E. requirement under the FHSP.**

CAREER & TECHNICAL EDUCATION

PUBLIC NOTIFICATION OF NONDISCRIMINATION IN CAREER AND TECHNICAL EDUCATION PROGRAMS

It is the policy of Calhoun County ISD not to discriminate on the basis of race, color, national 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.

Es norma del distrito de Calhoun County ISD no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Note: Availability of courses offered is based upon a minimum enrollment of students.

***If more students seek enrollment in a specific program than seats are available, a matrix is used to rank all students on the same criteria. The criteria could include grade level, academic grades, prerequisite requirements met, courses in the coherent sequence completed, discipline referrals, attendance, etc.**

Credit lost due to attendance cannot be recovered for Career Preparation courses and certain Work Based Learning (WBL) courses. Students who have lost credit due to attendance in these courses may be removed at the end of the first semester.

Career Development

CAREER PREPARATION FOR PROGRAM OF STUDY I/EXTENDED (#####) 12701141

Grade Placement: 11 – 12
Prerequisite: None
CHS No. 7710
Credit: 2 – 3

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

Extended Career Preparation is an enhancement and extension to Career Preparation General or Career Preparation for Programs of Study to provide additional opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is to provide

students additional time for deeper exploration of skills in the workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

CAREER PREPARATION FOR PROGRAM OF STUDY II/EXTENDED (#####) 12701142

Grade Placement: 12
Prerequisite: None
CHS No. 7715
Credit: 2 – 3

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

Extended Career Preparation is an enhancement and extension to Career Preparation General or Career Preparation for Programs of Study to provide additional opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is to provide students additional time for deeper exploration of skills in the workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

CAREER PREPARATION GENERAL I/EXTENDED (#####) 12701131

Grade Placement: 11 – 12
Prerequisite: None
CHS No. 7700
Credit: 2 – 3

Career Preparation General provides opportunities for students to participate in a work-based learning environment that incorporates continuous collaborative feedback between the employer, teacher, and student. This course combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is for students to obtain entry-level employment developing a variety of skills for obtaining and maintaining employment. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Extended Career Preparation is an enhancement and extension to Career Preparation General or Career Preparation for Programs of Study to provide additional opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is to provide students additional time for deeper exploration of skills in the workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

CAREER PREPARATION GENERAL II/EXTENDED (#####) 12701132

Grade Placement: 12
Prerequisite: None
CHS No. 7705
Credit: 2 – 3

Career Preparation General provides opportunities for students to participate in a work-based learning environment that incorporates continuous collaborative feedback between the employer, teacher, and student. This course combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is for students to obtain entry-level employment developing a variety of skills for obtaining and maintaining employment. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Extended Career Preparation is an enhancement and extension to Career Preparation General or Career Preparation for Programs of Study to provide additional opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is to provide students additional time for deeper exploration of skills in the workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

GENERAL EMPLOYABILITY SKILLS (GEMPLS) N1270153

Grade Placement: 9-12
Prerequisite: *See note below
CHS No. 7750
Credit: 1

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. This course is designed to guide students in obtaining the knowledge and the needed employability skills that are transferable among a variety of jobs and careers and are considered essential in any employment situation. Students will learn and apply basic knowledge of what is expected in the workplace.

*This course is offered in conjunction with Texas Workforce Solutions. Students must meet programming requirements in order to be eligible for participation in the program.

PROJECT BASED RESEARCH (First Time Taken) (PROBS1) 12701500
PROJECT BASED RESEARCH (Second Time Taken) (PROBS2) 12701510
PROJECT BASED RESEARCH (Third Time Taken) (PROBS3) 12701520
Grade Placement: 10-12
Prerequisite: *See note below
CHS No. 7571
Credit: 1

Career development is a lifelong pursuit of answers to the questions: Who am I? Why am I here? What am I meant to do with my life? It is vital that students have a clear sense of direction for their career choice. Career planning is a critical step and is essential to success. Project-Based Research is a course for students to research topics in the business and professional community related to career interests.

*This course is offered in conjunction with Texas Workforce Solutions. Students must meet programming requirements in order to be eligible for participation in the program.

Agriculture, Food, and Natural Resources

ADVANCED ANIMAL SCIENCE (ADVANSCI) 13000700
Grade Placement: 11-12
Prerequisite: Biology, Chemistry (or IPC), Algebra 1, Geometry; & either Sm. Animal, Equine, or Livestock
CHS No. 7150
Credit: 1

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. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

ADVANCED FLORAL DESIGN (ADVFLDES) N1300270
Grade Placement: 10-12
Prerequisite: Floral Design
CHS No. 7172
Credit: 1

In Advanced Floral Design, students gain advanced knowledge and skills specifically needed to enter the workforce as floral designers or as freelance floral event designers, with an emphasis on specialty designs and occasion-specific designs and planning. Students are also prepared to enter postsecondary certification or degree programs in floral design or special events design. Students build on the knowledge base from Floral Design and are introduced to more advanced floral design concepts. In addition, students gain knowledge of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of an occasion or event.

ADVANCED PLANT AND SOIL SCIENCE (ADVPSSCI) 13002100
Grade Placement: 11 -12
Prerequisite: None; Recommended: Biology; Chemistry, IPC, or physics; 1 credit in AFNR
CHS No. 7179
Credit: 1

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be

discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

AGRICULTURE EQUIPMENT DESIGN & FABRICATION (AGEQDF) 13002350

Grade Placement: 12
Prerequisite: Agricultural Mechanics & Metal Technologies
CHS No. 7152
Credit: 1

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

AGRICULTURE MECHANICS & METAL TECHNOLOGIES (AGMECHMT) 13002200

Grade Placement: 10 – 12
Prerequisite: None
CHS No. 7120
Credit: 1

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

AGRICULTURAL STRUCTURES DESIGN & FABRICATION (AGSDF) 13002300

Grade Placement: 11 -12
Prerequisite: None
CHS No. 7130
Credit: 1

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.

EQUINE SCIENCE (EQUINSCI) 13000500

Grade Placement: 10 -12
Prerequisite: None
CHS No. 7142
Credit: 0.5 (1 semester)

In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules.

FLORAL DESIGN (FLORAL) 13001800

Grade Placement: 9 - 12
Prerequisite: None
CHS No. 7170
Credit: 1

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop a respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. **Note: This course satisfies a fine arts credit requirement for students on the Foundation High School Program.**

GREENHOUSE OPERATION & PRODUCTION (GREOP) 13002050

Grade Placement: 10-12
Prerequisite: None
CHS No. 7164
Credit: 1

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

HORTICULTURE SCIENCE (HORTISCI) 13002000

Grade Placement: 11 -12
Prerequisite: None
CHS No. 7177
Credit: 1

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

LIVESTOCK PRODUCTION (LIVEPROD) 13000300

Grade Placement: 10 – 12
Prerequisite: None
CHS No. 7143
Credit: 1 (1 semester)

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES (1st Time Taken) (PRACAFNR1) 13002500
EXTENDED PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES (1st Time Taken) (EXPRACAFNR1) 13002505
PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES (2nd Time Taken) (PRACAFNR2) 13002510
EXTENDED PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES (2nd Time Taken) (EXPRACAFNR2) 13002515

Grade Placement: 11 - 12
Prerequisite: 1 credit in the AFNR cluster
CHS No. 7155, 7156, 7157, 7158, 7159, 7160
Credit: 2-3

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster. *Students who complete their Practicum experience off campus must attend one class period face-to-face with their instructor each week. Students who do not attend this required meeting will not receive any attendance credit for the entire week that the meeting was missed. Students who miss more than two weeks of supervision may be removed from the course and not allowed to enroll in further off-campus based practicum courses. Credit lost due to attendance cannot be recovered for off-campus based practicum courses.

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES (PRINAFNR) 13000200

Grade Placement: 9 - 12
Prerequisite: None
CHS No. 7110
Credit: 1

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

SMALL ANIMAL MANAGEMENT (SMANIMGT) 13000400

Grade Placement: 10 -12
Prerequisite: None
CHS No. 7140
Credit: 0.5 (1 semester)

In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds.

VETERINARY MEDICAL APPLICATIONS (VETMEDAP) 13000600

Grade Placement :11 - 12
Prerequisite: Small Animal, Equine, or Livestock
CHS No. 7147
Credit: 1

Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.

WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT (WFECGT) 13001500

Grade Placement: 9 -12
Prerequisite: None
CHS No. 7160
Credit: 1 (1 semester)

Wildlife, Fisheries, and Ecology Management examines the management of game and nongame wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Architecture and Construction

CONSTRUCTION TECHNOLOGY 1 (CONTECH1) 13005100

Grade Placement: 10 – 12
Prerequisite: Principles of Manufacturing
CHS No. 7201
Credit: 2

In Construction Technology 1, 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.
*Limited Enrollment Course

CONSTRUCTION TECHNOLOGY 2 (CONTECH2) 13005200

Grade Placement: 10 – 12
Prerequisite: Construction Technology 2
CHS No. 7212
Credit: 2

In Construction Technology 2, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or 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.

ELECTRICAL TECHNOLOGY 1 (ELECTEC1) 13005600

Grade Placement: 10 – 12
Co-requisite: Principles of Manufacturing
CHS No. 7291
Credit: 1

In Electrical Technology 1, students will gain knowledge and skills needed to enter the workforce as an electrical or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.
*Limited Enrollment Course

ELECTRICAL TECHNOLOGY 2 (ELECTEC2) 13005700
Grade Placement: 11 – 12
Co-requisite: Electrical Technology 1
CHS No. 7297
Credit: 2

In Electrical Technology 2, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.
*Limited Enrollment Course

PLUMBING TECHNOLOGY 1 (PLTECH1) 13006000
Grade Placement: 10 – 12
Co-requisite: Principles of Manufacturing
CHS No. 7295
Credit: 1

In Plumbing Technology 1, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor or prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in industry workplace basics and employer/customer expectations, including how to use a plumbing codebook; how to identify and use power and hand tools; how to be safe on the job site and when using hand and power tools; how to apply basic plumbing mathematics and plumbing drawing; and how to identify, fit, and use plastic, copper, cast iron, carbon steel, and corrugated stainless steel pipe. In addition, students will be introduced to gas, drainage, and water supply systems and continue their knowledge of workplace basics and green technologies.
*Limited Enrollment Course

PRACTICUM IN CONSTRUCTION TECHNOLOGY (PRACCT1) 13005250
First Time Taken (PRACCT1) 13005250
Second Time Taken (PRACCT2) 13005260
Grade Placement: 11 – 12
Prerequisite: Electrical Technology 2 or Construction Technology 2
CHS No. NR: 7205, 7207
Credit: 2

In Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from Construction Technology 1 and 2 and/or Electrical Technology 1 and 2. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.
*Limited Enrollment Course

PRINCIPLES OF CONSTRUCTION (PRINCON) 13004220
Grade Placement: 9 – 12
Prerequisite: None
CHS No. 7200
Credit: 1

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course also provides communication and occupation skills to assist the student in training and maintaining employment. *Limited Enrollment Course

Arts, A/V Technology, and Communications

ANIMATION I (ANIMAT1) 13008300
Grade Placement: 11 - 12
Prerequisite: Graphic Design 1
CHS No. 7443
Credit: 1

Animation is a hands-on course that allows students to create, edit, and render characters, vehicles, scenes or objects and to design and produce digital animation using images, video, and audio resources. Students will learn design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential purposes.

AUDIO/VIDEO PRODUCTION I (AVPROD1) 13008500
Grade Placement: 11 - 12
Prerequisite: None
CHS No. 7650
Credit: 1

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post- production audio and video products.

FASHION DESIGN I (FASHDSN1) 13009300
Grade Placement: 10 – 12
Prerequisite: None; Recommended: Principles of AVT
CHS No. 7330
Credit: 1

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction. *Occasionally, projects will require purchases made by the student. Amounts vary based on the quality of the fabric and notions needed.

FASHION DESIGN II W/LAB (FASHDSN2) 13009410
Grade Placement: 11 – 12
Prerequisite: Fashion Design I
CHS No. 7370
Credit: 2

In Advanced Fashion Design, you will continue to learn the fashion industry standards and advanced clothing construction. Students will use the following skills to design and create individual projects: fundamental sewing techniques, pressing and finishing, pattern reading, flat pattern making, taking measurements and reading a ruler.
*Occasionally, projects will require purchases made by the student. Amounts vary based on the quality of the fabric and notions needed.

GRAPHIC DESIGN AND ILLUSTRATION I (GRAPHDI1) 13008800
Grade Placement: 10 – 12
Prerequisite: None
CHS No. 7441
Credit: 1

This class will give students an opportunity to express and design creative ideas visually for a growing field. Commercial art concepts and design strategies will be explored using design principles and art elements for creating ads, logos, newsletters, magazine covers, illustrations and more. Students will learn to create and design artwork for projects using Adobe software.

GRAPHIC DESIGN AND ILLUSTRATION II (GRAPHDI2) 13008900
Grade Placement: 11 - 12
Prerequisite: Graphic Design and Illustration I
CHS No. 7447
Credit: 1

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

GRAPHIC DESIGN AND ILLUSTRATION II/LAB (GRDLAB2) 13008910
Grade Placement: 11 - 12
Prerequisite: Graphic Design and Illustration I
CHS No. 7448
Credit: 2

Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills. Districts are encouraged to offer this lab in a consecutive block with Graphic Design and Illustration II to allow students sufficient time to master the content of both courses.

PRACTICUM IN FASHION DESIGN (PRACFAS1) 13009500
Grade Placement: 12
Prerequisite: Fashion Design II
CHS No. 7335
Credit: 2

In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with an emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.
*Occasionally, projects will require purchases made by the student. Amounts vary based on the quality of the fabric and notions needed.

PRACTICUM IN GRAPHIC DESIGN & ILLUSTRATION (First Time Taken) (PRACGRD1) 13009000
Grade Placement: 11-12
Prerequisite: Graphic Design & Illustration II
CHS No. 7449
Credit: 2

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS (PRINAAVTC) 13008200
Grade Placement: 9 – 12
Prerequisite: None
CHS No. 7390
Credit: 1

The goal of this course is for the student to understand arts, audio/video technology, and communications systems. 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.

Business, Marketing, and Finance

ACCOUNTING I (ACCOUNT1) 13016600

Grade Placement: 10 - 12
Prerequisite: None
CHS No. 7450
Credit: 1

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

ACCOUNTING II (ACCOUNT2) 13016700

Grade Placement: 11 - 12
Prerequisite: Accounting I
CHS No. 7460
Credit: 1

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

BUSINESS INFORMATION MANAGEMENT I (BUSIM1) 13011400

Grade Placement: 10 - 12
Prerequisite: None
CHS No. 7432
Credit: 1

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

BUSINESS INFORMATION MANAGEMENT II (BUSIM2) 13011500
Grade Placement: 11 - 12
Prerequisite: BIM 1
CHS No. 7440
Credit: 1

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

BUSINESS MANAGEMENT (BUSMGT) 13012100
Grade Placement: 11 – 12
Prerequisite: 2 credits within the Business & Finance Clusters
CHS No. 7468
Credit: 1

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

ENTREPRENEURSHIP I (ENTREP) 13011101
Grade Placement: 9 - 12
Prerequisite: None; Recommended: Principles of Business, Marketing, & Finance
CHS No. 7419
Credit: 1 (1 semester)

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining the feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.

ENTREPRENEURSHIP II (ENTPRNR2) N1303423
Grade Placement: 11 - 12
Prerequisite: Entrepreneurship
CHS No. 7421
Credit: 1

Students will work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, and develop brand identity. The goal and outcome of the course is to have a business launched by the end of the course or have the tools necessary to launch and operate a business.

FINANCIAL MATHEMATICS (FINMATH) 13018000
Grade Placement: 11 - 12
Prerequisite: Algebra 1
CHS No. 7455
Credit: 1

Financial Mathematics is a course about personal money management. Students will apply critical- thinking skills to analyze personal financial decisions based on current and projected economic factors. Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

MONEY MATTERS (MONEYM) 13016200

Grade Placement: 9 - 12
Prerequisite: None
CHS No. 7470
Credit: 1 (1 semester)

In Money Matters, students will investigate money management from a personal financial perceptive. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocation, risk management, retirement planning, and estate planning.

PRACTICUM IN BUSINESS MANAGEMENT

First Time Taken (PRACBM) 13012200
Second Time Taken (PRACBM2) 13012210

Grade Placement: 11-12
Prerequisite: BIM 1 or Accounting 1
CHS No. 7473, 7475
Credit: 2

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

PRINCIPLES OF BUSINESS, MARKETING AND FINANCE (PRINBMF) 13011200

Grade Placement: 9 – 12
Prerequisite: None
CHS No. 7423
Credit: 1 (1 semester)

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

VIRTUAL BUSINESS (VIRTBUS) 13012000
Grade Placement: 9 – 12
Prerequisite: None
CHS No. 7424
Credit: 0.5 (1 semester)

Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

Education and Training

HUMAN GROWTH & DEVELOPMENT (HUGRDEV) 13014300

Grade Placement: 10 - 12
Prerequisite: None; Recommended: Principles of Human Services
CHS No. 7527
Credit: 1

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. Students will study development from birth to death.

INSTRUCTIONAL PRACTICES (INPRAC) 13014400

Grade Placement: 11 - 12
Prerequisite: 1 credit from Education & Training cluster: Recommended: Child Development & Human Growth & Development
CHS No. 7462
Credit: 2

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.
*Limited Enrollment Course

PRACTICUM IN EDUCATION & TRAINING (PRACEDT1) 13014500

Grade Placement: 12
Prerequisite: Instructional Practices
CHS No. 7458
Credit: 2

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.
*Limited Enrollment Course

Energy

FOUNDATIONS OF ENERGY (FOUNDEN) N1300263

Grade Placement: 10-12
Prerequisite: None, Core Certification recommended
CHS No. 7243
Credit: 1

Foundations of Energy provides students with the fundamentals of Texas energy resources from conventional, unconventional, and renewable sources. Students develop knowledge and skills regarding career and educational opportunities in the production, transmission, and use of energy in Texas, including import and export markets for energy.

INTRODUCTION TO PROCESS TECHNOLOGY (INTRPT) 13040502

Grade Placement: 11 - 12
Prerequisite: None
CHS No. 7240
Credit: 1 & CBE for 3 possible college hours

This innovative course is an introduction to the processing industries. This is a survey of all process technology courses in the program. Topics include the roles, responsibilities and work environment of a process technician; basic processes, equipment and systems; safety, environmental and quality concepts. The course is taught by local industry employees per Victoria College requirement. Students will have the opportunity to take a Credit by Exam through Victoria College each semester in order to earn college hours for PTAC 1302: Intro to Process Tech.

PETROCHEMICAL SAFETY, HEALTH, & ENVIRONMENT (PSHAE) 13040504

Grade Placement: 11 - 12
Prerequisite: None
CHS No. 7242
Credit: 1 & CBE for 3 possible college hours

Petrochemical Safety, Health, and Environment addresses the shortage of process technology operators/technicians by educating students on the safety rules, regulations, and operations of the petrochemical process technology operator. Students enrolled in this course will learn about the knowledge and skills required in occupational safety, health, and environment as well as the governing regulatory authorities and the legal aspects of the industry in order to maintain a safe work environment. Students will have the opportunity to take a Credit by Exam through Victoria College each semester in order to earn college hours for PTAC 1308: Safety, Health, and Environment 1.

Engineering

ENGINEERING DESIGN DEVELOPMENT (EDD) N1303749

Grade Placement: 11-12
Recommended Prerequisites: At least two courses in Engineering with at least one being a Level 2 or higher.
CHS No. TBD
Credit: 1

Engineering Design and Development (EDD) is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process using the knowledge and skills they developed in previous courses. EDD is appropriate for 11th and 12th-grade students. Students will perform research to select, define, and justify a problem. After carefully defining the design requirements and creating multiple solution approaches, teams of students select an approach, create, and test their solution prototype. Student teams will present and defend their original solution to an outside panel. This course prepares students for college, a career, or the military by helping them become better problem-solvers. Students learn how to manage projects and further develop their transferable skills, such as communication and ethical reasoning.

ENGINEERING DESIGN PROCESS (#####)

Grade Placement: 10-12
Prerequisite: None
CHS No. 7581
Credit: 1

Course Description Pending

ENGINEERING DESIGN AND PROBLEM SOLVING (ENGDPRS) 13037300

Grade Placement: 11 – 12
Prerequisite: Geometry, Algebra I
CHS No. 7510
Credit: 1

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. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

ENGINEERING ESSENTIALS (ENGESS) N1303760

Grade Placement: 9-12
Prerequisite: None
CHS No. 7580
Credit: 1

Engineering Essentials (EES) is for grade 9-12 students. Students explore the work of engineers and their role in the design and development of solutions to real-world problems. Students are introduced to engineering concepts applicable across multiple engineering disciplines. They are empowered to build technical skills using a variety of engineering tools. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors. Using PLTW's activity-, project-, problembased (APB) instructional approach, students advance from completing structured activities to solving open-ended projects and problems that provide opportunities to develop planning and technical documentation skills and in-demand, transportable skills, such as problem solving, critical and creative thinking, collaboration, communication, and ethical reasoning. The course emphasizes statistical analysis and mathematical modeling – computational methods commonly used in engineering problem-solving.

PRINCIPLES OF APPLIED ENGINEERING (PRAPPENG) 13036200

Grade Placement: 9 - 12
Prerequisite: None
CHS No. 7230
Credit: 1

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Health Science

ANATOMY AND PHYSIOLOGY (ANATPHYS) 13020600

Grade Placement: 11-12
Prerequisite: Biology and 2nd Science
CHS No: 7500
Credit: 1

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

HEALTH SCIENCE THEORY (HLTHSCI) 13020400

Grade Placement: 11-12
Prerequisite: Prin. of Health Science
CHS No: 7537
Credit: 1

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

HEALTH SCIENCE THEORY/HEALTH SCIENCE CLINICAL (HLSCLIN) 13020410

Grade Placement: 11-12
Prerequisite: Prin. of Health Science & Biology
CHS No: 7533
Credit: 2

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. They will rotate through various clinical departments where they will shadow health care workers under the direct supervision of the CHS instructor and the health care provider. Clinical students must meet all current health protocols as required by the clinical sites before the first day of school. These currently include: Influenza & COVID vaccinations and a negative TB test. All school required immunizations must also be up to date.
*Limited Enrollment Course

MEDICAL TERMINOLOGY (MEDTREM) 13020300

Grade Placement: 9-12
Prerequisite: None
CHS No: 7531
Credit: 1

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

PRACTICUM IN HEALTH SCIENCE (PRACHLS1) 13020500

Grade Placement: 12
Prerequisite: Medical Terminology, Principles of Health Science, Health Science Theory, Biology, Chemistry, & Algebraic Reasoning or Algebra 2
CHS No: 7529
Credit: 2

This course applies the knowledge obtained in the prerequisite classes. Students are trained in both clinical duties and administrative responsibilities in a medical office setting: assist with exams, take vital signs, calculate medication dosage, practice aseptic technique, interview patients for medical history, provide proper medical documentation, perform clinical procedures, use aseptic laboratory techniques and prepare specimens, process medical insurance billing and medical coding, comply with protocols of HIPAA, OSHA, and CLIA. Students who successfully complete the course and are on track to graduate in May will have the opportunity to sit for the national Medical Assistant Certification Exam.

PRINCIPLES OF HEALTH SCIENCE (PRINHLSC) 13020200

Grade Placement: 10-12
Prerequisite: Medical Terminology or co-enrollment
CHS No: 7502
Credit: 1

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.

Hospitality and Tourism

FOOD SCIENCE (FOODSCI) 13023000

Grade Placement: 11 - 12
Prerequisite: Biology, Chemistry, & a 3rd Science Credit
CHS No. 7340
Credit: 1

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 in food products, the principles underlying food processing, and the improvement of foods for the consuming public. Students will prepare for ServSafe certification, a national food service manager certification.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Human Services

CHILD DEVELOPMENT (CHILDDEV) 13024700

Grade Placement: 10-12
Prerequisite: None; Recommended: Principles of Human Services
CHS No. 7320
Credit: 1

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

LIFETIME NUTRITION AND WELLNESS (LNURTWEL) 13024500

Grade Placement: 10-12
Prerequisite: None
CHS No. 7350
Credit: 0.5 (1 semester)

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences

PRINCIPLES OF HUMAN SERVICES (PRINHUSR) 13024200

Grade Placement: 9-12
Prerequisite: None
CHS No. 7311
Credit: 1

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Information Technology

AP COMPUTER SCIENCE A - MATH (APTACSAM) A3580110
AP COMPUTER SCIENCE A - LOTE (APTACSAL) A3580120

Grade Placement: 10 – 12
Prerequisite: Algebra I and either Computer Science 1 or Fundamentals of Computer Science
CHS No. 7604, 7602
Credit: 2 (1 credit of math and 1 credit of LOTE)

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

ASSISTIVE TECHNOLOGY (ATECH) N1260002

Grade Placement: 9-12
Prerequisite: None
CHS No. 8575
Credit: 1

This course educates students about a variety of technology choices, such as screen reading software or voice recognition, to match the needs of individuals and educate students who are interested in broadening their scope of technology, mainstream applications, and specialized devices.

COMPUTER MAINTENANCE/COMPUTER MAINTENANCE LAB (COMMTLAB) 13027310

Grade Placement: 10-12
Prerequisite: None
CHS No. 7540
Credit: 2

In Computer Maintenance Lab, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Districts are encouraged to offer this course in a consecutive block with Computer Maintenance to allow students sufficient time to master the content of both courses.

COMPUTER SCIENCE 1 (TACS1) 03580200

Grade Placement: 9 – 12
Prerequisite: Algebra I
CHS No. 7600
Credit: 1

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving

problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

COMPUTER SCIENCE 2 (TACS2) 03580300

Grade Placement: 11 – 12
Prerequisite: Algebra I and Computer Science 1
CHS No. 7610
Credit: 1

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

COMPUTER SCIENCE 3 (TACS3) 03580350

Grade Placement: 11 – 12
Prerequisite: Computer Science 2 or AP Computer Science A
CHS No. 7620
Credit: 1

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

INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS - 1st Time Taken (TAIND1) 03580900
INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS - 2nd Time Taken (TAIND2) 03581000
INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS - 3rd Time Taken (TAIND3) 03581100
Grade Placement: 9-12
Prerequisite: None
CHS No. 7660
Credit: 1

In Independent Study in Technology Applications, through the study of technology applications foundations, including technology-related terms, concepts, and data input strategies, students will communicate information in different formats and to diverse audiences using a variety of technologies.

Computer Technician Practicum (First Time Taken) (COMPT1) 13027500
Extended Computer Technician Practicum (First Time Taken) (EXCOMPT1) 13027505
Computer Technician Practicum (Second Time Taken) (COMPT2) 13027510
Extended Computer Technician Practicum (Second Time Taken) (EXCOMPT2) 13027515
Grade Placement: 11-12
Prerequisite: None
CHS No. 7560, 7561
Credit: 2-3

In the Computer Technician Practicum, students will gain knowledge and skills in computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer- based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, or both.

FUNDAMENTALS OF COMPUTER SCIENCE (TAFCS) 03580140
Grade Placement: 9 – 12
Prerequisite: None
CHS No. 7607
Credit: 1

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

PRINCIPLES OF INFORMATION TECHNOLOGY (PRINIT) 13027200

Grade Placement: 9-12
Prerequisite: None
CHS No. 7430
Credit: 1

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

Law, Public Safety, Corrections, and Security

FORENSIC SCIENCE (FORENSCI) 13029500

Grade Placement: 11 - 12
Prerequisite: Biology; Chemistry, IPC, or Physics
CHS No. 7310
Credit: 1

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

Manufacturing

DIVERSIFIED MANUFACTURING 1 (DIMANU1) 13032650

Grade Placement: 10-12
Rec. Prerequisite: Prin of Manufacturing
CHS No. 7271
Credits: 1

In Diversified Manufacturing 1, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows 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. Diversified Manufacturing, 1 allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques. Knowledge about career opportunities, requirements, and expectations and the development of skills to prepare students for workplace success. Students will have the opportunity to earn the NCCER Millwright Level 1 Certification.
*Limited Enrollment Course

DIVERSIFIED MANUFACTURING 2 (DIMANU2) 13032660

Grade Placement: 11-12
Prerequisite: Diversified Manufacturing 1
CHS No. 7273
Credits: 1

In Diversified Manufacturing 2, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows 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. Diversified Manufacturing 2 allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques. Knowledge about career opportunities, requirements, and expectations and the development of skills to prepare students for workplace success.
*Limited Enrollment Course

INTRODUCTION TO WELDING (INTRWELD) 13032250

Grade Placement: 9 –12
Prerequisite: None
CHS No. 7249
Credit: 1

Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. This course supports integration of academic and technical knowledge and skills.

Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success. Students will have the opportunity to earn the NCCER Core Level I Certification.

PRINCIPLES OF MANUFACTURING (PRINMAN) 13032200
Grade Placement: 9 –12
Prerequisite: None
CHS No. 7280
Credit: 1

In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers. Students will have the opportunity to earn the NCCER Core Level I Certification.

PRACTICUM IN MANUFACTURING (PRACMAN1) 13033000
Grade Placement: 12
Prerequisite: Welding 2 or Diversified Manufacturing 2
CHS No. 7265
Credits: 2 (2 periods)

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.
*Limited Enrollment Course

ROBOTICS 1 (ROBOTIC1) 13037000
Grade Placement: 10 - 12
Prerequisite: None
CHS No. 7512
Credit: 1

In Robotics 1, students will transfer academic skills to component designs in a project based environment through the 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.

ROBOTICS 2 (ROBOTIC2) 13037050
Grade Placement: 11-12
Prerequisite: Robotic 1
CHS No. 7514
Credit: 1

In Robotics 2, students will explore artificial intelligence and programming in the robotic and automation industry. Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. will build prototypes and use software to test their designs.
Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

WELDING 1 (WELD1) 13032300
Grade Placement: 10 -12
Rec. Prerequisite: Prin of Manufacturing
CHS No. 7250
Credit: 2 (1 period)

Welding 1 provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. Students who successfully complete both Welding 1, Welding 2, and all Certifications that are offered in these courses will be eligible to receive a CHS Letter Jacket. NCCER CERTIFICATION AVAILABLE
*Limited Enrollment Course

WELDING 2 (WELD2) 13032400
Grade Placement: 11 -12
Prerequisite: Welding I
CHS No. 7260
Credits: 2 (2 periods)

Welding 2 builds on the knowledge and skills developed in Welding 1. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Students who successfully complete Welding 1, Welding 2, and all Certifications that are offered in these courses will be eligible to receive a CHS Letter Jacket. NCCER CERTIFICATION AVAILABLE
*Limited Enrollment Course

Links to State-Approved Programs of Study Offered at Calhoun High School

Agriculture, Food, and Natural Resources:

- Animal Science Pathway
- Agriculture Technology Mechanical Systems Pathway.pdf
- Environmental And Natural Rsources Pathway.pdf
- Plant Science Pathway.pdf

Architecture and Construction

- Carpentry Pathway.pdf
- Electrical Pathway.pdf

Arts, Audio Visual Technology and Communications

- Graphic Design and Interactive Media Pathway.pdf

Business, Marketing, and Finance

- Accounting and Financial Services Pathway.pdf
- Business Management Pathway.pdf
- Entrepreneurship Pathway.pdf

Education and Training

- Early Learning Pathway.pdf
- Teaching and Training Pathway.pdf

Energy

- Refining and Chemical Processes Pathway.pdf

Health Science

- Exercise Science Wellness and Restoration Pathway.pdf
- Health Informatics Pathway.pdf
- Diagnostic and Therapeutic Services Pathway.pdf
- Nursing Science Pathway.pdf
- Biomedical Science Pathway.pdf

Human Services

- Family and Community Services Pathway.pdf

Health and Wellness Pathway.pdf

Information Technology

Information Technology Support and Services Pathway.pdf
Networking Systems Pathway.pdf
Web Development Pathway.pdf
Cybersecurity Pathway.pdf
Programming and Software Development Pathway.pdf

Manufacturing

Robotics and Automation Technology Pathway.pdf
Manufacturing Technology Pathway.pdf
Welding Pathway.pdf
Industrial Maintenance Pathway.pdf

Engineering

Engineering Foundations Pathway.pdf