

CONNALLY HIGH SCHOOL

Course Catalog

School Year

2024-2025

HOME OF THE CADETS



**CONNALLY INDEPENDENT SCHOOL DISTRICT
WACO, TEXAS**

Courses at Connally High School will be based upon student interest, teacher credentials, and teacher availability each year. Counselors will meet with each student individually to determine which courses are needed to meet graduation requirements.

Students taking dual credit courses either through MCC or TSTC will have tuition paid for by Connally ISD. This also includes textbooks, eBooks, and tools. If a student fails or withdraws from the course they must pay back Connally ISD for tuition and fees associated with the course

ENGLISH/LANGUAGE ARTS

ENGLISH I

Grade Level: 9 YEAR/ 1.000 credit(s)

This course includes a comprehensive study of grammar, composition, and vocabulary through the writing process. An in-depth study of the major literary genres includes the short story, nonfiction, poetry, drama, and the novel. Students will read at least one novel and a Shakespearean play.

There is a STAAR test attached to this class.

ENGLISH I HONORS

Grade Level: 9 YEAR/ 1.000 credit(s)

Designed to prepare students for advanced levels of English, this course includes a formal grammar overview, intensive vocabulary study, essay writing, and basic literary analysis. Students will be required to read at least two novels, in addition to summer reading assignments and selections from the text. Students will be expected to meet reading deadlines and to participate in intensive, graded class discussion of literary selections. Students will also produce a mini-research project. This class also requires outside reading.

There is a STAAR test attached to this class.

ENGLISH II

Grade Level: 10 YEAR/ 1.000 credit(s)

This course includes strengthening vocabulary, a review of grammar, study of the major literary genres including short story, poetry, and nonfiction, and the reading of at least one novel and a Shakespearean play.

Students will be required to create a mini-research project.

There is a STAAR test attached to this class.

Prerequisite: successful completion of English I.

ENGLISH II HONORS

Grade Level: 10 YEAR/ 1.000 credit(s)

Especially beneficial to students planning to take Advanced Placement English, this course includes a formal grammar overview, intensive vocabulary study, essay writing, basic literary analysis, and a research paper.

Students will participate in in-depth studies of selected literary works from world literature.

There is a STAAR test attached to this class.

Prerequisite: successful completion of English I.

ENGLISH III

Grade Level: 11 YEAR/ 1.000 credit(s)

This course emphasizes the study of composition and vocabulary, as well as an intensive review of correct grammar and usage. Students will read selections from American literature and write a research paper.

Prerequisite: successful completion of English I and II.

ENGLISH III HONORS

Grade Level: 11 YEAR/ 1.000 credit(s)

This course is designed to further develop and refine skills in analytical reading and writing, expository writing, argumentative writing, and investigative methods of research. The majority of the works read in this class are nonfiction readings involving a wide spectrum of styles, purposes, and genres as required by the AP English course description. The novels that are read independently provide a fiction viewpoint that complements the nonfiction works in each unit. Students will complete a research paper.

Prerequisite: successful completion of English I and II.

ENGLISH IV

Grade Level: 12 YEAR/ 1.000 credit(s)

This course covers grammar and composition skills and the writing of a research paper. Students will undertake a study of British literature from the Anglo-Saxon Period to the Modern Period and read selected novels.

Prerequisite: successful completion of English I, II, and III.

COLLEGE AND CAREER ENGLISH

Grade Level: 12 YEAR/ 1.000 credit(s)

Students will strengthen their reading, writing, and research skills needed to comprehend and interact with college-level texts through a critical and analytical approach. Students will create original college-level writing in standard English, through the progress of generating ideas, review and revising drafts, and editing. Students will engage in extensive instruction emphasizing basic reading and writing skills to develop their ability to perform at the college level. This course is designed for seniors who have not met the standards on their ELA EOC assessment or whose coursework, college entrance exam, or TSI assessment score indicates that the student is not ready for entry-level college coursework. This class is designed to prepare students for success in their entry-level ELA college courses.

Prerequisite(s): successful completion of English I, II, and III, if used as a 4th year of English.

ENGLISH 1301 & 1302 - MCC DUAL CREDIT

Grade Level: 12 YEAR/1.000 credit(s)

These courses are available through a dual credit agreement with MCC. Material covered in English 1301 and 1302 will be enhanced to meet college level requirements. Students will receive .05 credits towards high school graduation and three college hours upon successful completion of each course. English 1301 and English 1302 are both required to fulfill high school graduation requirements.

Prerequisite: successful completion of English I, II, and III.

COURSE NOTE: Students must apply to MCC, pass the TSIA2 assessment, and submit various enrollment forms. Students may be responsible for tuition and textbooks.

MATHEMATICS

ALGEBRA I

Grade Level: 9-10 YEAR/ 1.000 credit(s)

This course includes the study of expressions and equations, linear functions, polynomial and nonlinear functions, radical and rational functions. Algebra 1 is the foundation for all high school math courses.

There is a STAAR test attached to this class.

Prerequisite: successful completion of 8th grade math or equivalent.

GEOMETRY

Grade Level: 9-12 YEAR/ 1.000 credit(s)

This course includes the study of lines and angles, triangles, quadrilaterals and circles, probability, and area and volume. Students use geometric thinking to understand mathematical concepts and relationships among them.

Prerequisite: successful completion of Algebra I.

GEOMETRY HONORS

Grade Level: 9-10 YEAR/ 1.000 credit(s)

This course will include a more intensive look at the study of lines and angles, triangles, quadrilaterals and circles, probability, and area and volume. Topics are studied in greater depth and at a faster pace than in Geometry.

Prerequisite: successful completion of Algebra I.

MATH MODELS

Grade Level: 10-12 YEAR/1.000 credit(s)

Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. 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.

Prerequisite: successful completion of Algebra I.

ALGEBRA II

Grade Level: 10-12 YEAR/ 1.000 credit(s)

This course includes the study of first degree equations and inequalities, polynomial and radical equations and inequalities, advanced functions and relations, discrete mathematics, with emphasis on the graphing calculator.

Prerequisite: successful completion of Algebra I and Geometry.

ALGEBRA II HONORS

Grade Level: 10-12 YEAR/ 1.000 credit(s)

This course is an in depth study of the topics in Algebra II. Students will progress through the material at a more rigorous pace than in Algebra II.

Prerequisite: successful completion of Algebra I and Geometry.

ADVANCED QUANTITATIVE REASONING (AQR)

Grade Level: 11-12 YEAR/1.000 credit(s)

Problem solving situations, hands-on activities and technology are used in this course to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. This course also includes personal money management, banking, investment planning, financial decision making, statistics, and probability.

Prerequisite: successful completion of Algebra I, Geometry, and Algebra II.

PRE - CALCULUS HONORS

Grade Level: 11-12 YEAR/ 1.000 credit(s)

Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Functions, equations, and limits are used as means for analyzing and understanding a broad variety of mathematical relationships.

Students also use symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations.

Prerequisite: successful completion of Algebra I, Geometry and Algebra II.

COLLEGE AND CAREER MATH

Grade Level:12 YEAR/ 1.000 credit(s)

This course addresses a variety of mathematical topics to prepare students for success in an entry-level college mathematics course. Students develop their understanding and application of real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations, rational expressions, radicals, algebraic fractions, complex numbers, graphing linear equations and inequalities, quadratic equations, systems of equations, graphing quadratic equations and functions. Emphasis is placed on algebraic techniques. This course is designed for seniors who have not met the standards in their math assessment or whose coursework, college exam, or TSI assessment score indicates that the student is not ready for entry-level coursework. These classes are designed to prepare students for success in their entry-level math college courses.

Prerequisite(s): Algebra I and may be co-enrolled in Geometry.

COLLEGE ALGEBRA (DUAL CREDIT)

Grade Level:12 Semester/.5 credit(s)

This course is a further study of quadratics and polynomial functions; rational, logarithmic, and exponential functions; progressions, sequences and series.

COURSE NOTE: Students must apply to MCC, pass the TSIA2 assessment, and submit various enrollment forms. Students may be responsible for tuition and textbooks.

Prerequisites: successful completion of Algebra 1, Geometry, and Algebra 2.

***This course is co-enrolled with Precalculus (Dual Credit)

PRECALCULUS (DUAL CREDIT)

Grade Level:12 Semester/.5 credit(s)

A study of the properties and graphs of functions, including polynomial, absolute value, power, piecewise, radical, rational, exponential, logarithmic, trigonometric, and inverse trigonometric. Topics also include a study of analytic trigonometry and an introduction to vectors. This course is intended to prepare students for the study of calculus.

COURSE NOTE: Students must apply to MCC, pass the TSIA2 assessment, and submit various enrollment forms. Students may be responsible for tuition and textbooks.

Prerequisites: successful completion of Algebra 1, Geometry, and Algebra 2.

*****This course is co-enrolled with College Algebra (Dual Credit)**

SCIENCE

BIOLOGY

Grade Level: 9-10 YEAR/ 1.000 credit(s)

This laboratory course uses the scientific method to explore the subsequent course curriculum. Areas of study include: molecules, cells, heredity, evolution, diversity, organisms, populations, ecology, and animal dissection.

Hands-on activities are a central part of the coursework.

There is a STAAR test attached to this class.

BIOLOGY HONORS

Grade Level: 9-10 YEAR/ 1.000 credit(s)

This course is the advanced version of biology. In addition to the foundations listed in the biology description, pre AP biology students should expect to move at an accelerated rate and have a deeper level of investigation in each of the areas of study.

There is a STAAR test attached to this class.

CHEMISTRY

Grade Level: 10-12 YEAR/ 1.000 credit(s)

Students will develop an understanding of atoms, molecules, ions, stoichiometry, chemical reactions, gasses, thermochemistry, atomic structure/periodicity, bonding, solutions, acids and bases, and electrochemistry.

Students will use the scientific process and deductive and inductive logic to relate chemistry to a variety of applications. In the lab environment students will demonstrate an awareness of laboratory safety, good scientific lab techniques, and the recording of appropriate observations and numerical data.

Prerequisite: successful completion of Algebra I and Biology.

CHEMISTRY HONORS

Grade Level: 10-12 YEAR/ 1.000 credit(s)

This course is the advanced version of chemistry. In addition to the foundations listed in the Chemistry description, pre-AP Chemistry students should expect to move at an accelerated rate and have a deeper level of investigation in each of the areas of study.

Prerequisite: successful completion of Algebra I and Biology.

PHYSICS HONORS

Grade Level: 10-12 YEAR/ 1.000 credit(s)

In this lab based course students will develop an understanding of Newtonian mechanics, planar motion, work and energy, momentum, rotational motion, oscillations, gravitation, waves, heat, kinetic theory of gasses, thermodynamics, electric charge, electric fields, Gauss' law, potentials, circuits, magnetic fields, electromagnetic waves, waves and optics, and atomic/nuclear physics. Students will use the scientific method to apply these core principles and solve problems. This is considered an advanced science course.

Prerequisites: successful completion of Biology.

FOOD SCIENCE

Grade Level: 11-12 YEAR/ 1.000 credit(s)

*Advanced CTE course for endorsement

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

Prerequisites: successful completion of Biology.

ANATOMY AND PHYSIOLOGY

Grade Level: 11-12 YEAR/ 1.000 credit(s)

*Advanced CTE course for endorsement

This course introduces the student to the basic organization of the body and use of the correct terminology defining homeostasis and the basis of various control systems. An in-depth study of the body's systems, to include but not limited to the circulatory, respiratory, skeletal, muscular, nervous, digestive, urinary, and reproductive systems. The basic concepts of genetics, heredity and embryonic development are thoroughly examined during this year-long course.

Prerequisite: successful completion of Biology and Chemistry.

****This course counts towards the Healthcare Therapeutic Program of study.****

PATHOPHYSIOLOGY

Grade Level:11-12 YEAR/1.000 credit(s)

*Advanced CTE course for endorsement

The Pathophysiology 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 Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

Prerequisite: successful completion of Biology and Chemistry.

****This course counts towards the Healthcare Therapeutic Program of study.****

EARTH AND SPACE SCIENCE

Grade Level:11-12 YEAR/1.000 credit(s)

In Texas, Earth and Space Science (ESS) is a high school science elective that was designed as a capstone course that would build on students' prior scientific and academic knowledge and skills to develop an understanding of Earth's system in space and time. The course follows an Earth systems approach to address three themes: (A) Earth in space and time, (B) solid Earth, and (C) fluid Earth.

AP ENVIRONMENTAL SCIENCE

Grade Level: 12 YEAR/1.000

The purpose of the course is to provide students with the scientific knowledge base that will allow them to better understand the natural world and the interactions that occur within it. Students will focus on the interrelationship between humans and the environment, analyzing and discussing both the positive and negative

impacts that humans have had on planet earth at both local and global levels. Within this discussion, students will be asked to investigate environmental problems, their causes and potential solutions to those problems.

FORENSIC SCIENCE

Grade Level: 11-12 YEAR/1.000 credit(s)

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science and understand that scientific methods of investigation can be experimental, descriptive, or comparative.

Prerequisite: Biology and Chemistry

****This course counts towards the Law Enforcement Pathway****

SOCIAL STUDIES

WORLD GEOGRAPHY

Grade Level: 9 YEAR/1.000 credit(s)

Students examine people, places and environments at local, regional, national and international scales for the spatial and ecological perspective of geography. A significant focus is on the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region.

WORLD GEOGRAPHY Honors

Grade Level: 9 YEAR/ 1.000 credit(s)

World Geography Honors focuses on the relationships among people, places, and environments throughout the world that create the geographic patterns on earth. Students will study landforms, climates, and natural resources through maps, pictures, and primary and secondary documents to study the geography of the diverse regions and the history geographic features have created throughout the world.

WORLD HISTORY

Grade Level: 10 YEAR/ 1.000 credit(s)

The focus of this course is the chronological progression of events in world history. Students will develop a global view of the relationship between today's cultures and those of the past, as well as an awareness of cultural similarities, differences, and achievements. Specific content to be covered will include, but not be limited to, an understanding of geographic, historic and time-space relationships, a review of prehistory, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophy.

WORLD HISTORY HONORS

Grade Level: 10 YEAR/ 1.000 credit(s)

World History Honors gives students a broad overview of the entire world through the study of events, people, cultures, and underlying issues from ancient times to the present. Students will examine the development of governments, religions and economic systems throughout the history of the world. This advanced class will teach students not only the history of the world but also how to analyze and study primary and secondary sources.

US HISTORY

Grade Level: 11 YEAR/ 1.000 credit(s)

This course covers the continuous growth of the United States by examining the results of Reconstruction, the Industrial Revolution, the development of the United States as a world power, the problems of democracy and empire, the Great Depression, war, the quest for economic security, world peace and social improvement.

There is a STAAR test attached to this class.

US HISTORY 1301 & 1302 –MCC DUAL CREDIT ***

Grade Level: 11 YEAR/ 1.000 credit(s)

US History is available through a dual credit agreement with MCC. Material covered in US History 1301 & 1302 will be enhanced to meet college level requirements. Students will receive 0.5 credits towards high school graduation and three college hours upon successful completion of each course.

There is a STAAR test attached to this class.

COURSE NOTE: Students must apply to MCC, pass the TSIA2 assessment, and submit various enrollment forms. Students may be responsible for tuition and textbooks.

US GOVERNMENT

Grade Level: 12 SEMESTER/ 0.500 credit(s)

This course is the culmination of the civics and governmental content and concepts covered from kindergarten through the required secondary courses. Through focused analysis on the founding documents that shaped our early nation, comparisons examining the role of the different branches, and in depth study of current political activity on a variety of levels, the student acquires a lasting understanding of how and why our country operates as it does. Additionally, this class encourages and equips students for a lifetime of active civic participation.

US GOVERNMENT 2305 - MCC DUAL CREDIT***

Grade Level: 12 SEMESTER/ 0.500 credit(s)

U.S. Government is available through a dual credit agreement with MCC. Material covered in US Government 2305 will be enhanced to meet college level requirements. Students will receive .05 credits towards high school graduation and three college hours upon successful completion of this course.

COURSE NOTE: Students must apply to MCC, pass the TSI assessment, and submit various enrollment forms. Students may be responsible for tuition and textbooks.

***This course is co-enrolled with Economics 2301 (Dual Credit)

ECONOMICS

Grade Level: 12 SEMESTER/ 0.500 credit(s)

The focus is on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. Students examine the

rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand, and price and study the role of financial institutions in a free enterprise system.

ECONOMICS 2301 - MCC DUAL CREDIT***

Grade Level: 12 SEMESTER/ 0.500 credit(s)

Economics is available through a dual credit agreement with MCC. Material covered in Economics will be enhanced to meet college level requirements. Students will receive .05 credits towards high school graduation and three college hours upon successful completion of this course.

COURSE NOTE: Students must apply to MCC, pass the TSI assessment, and submit various enrollment forms. Students may be responsible for tuition and textbooks.

***This course is co-enrolled with US Government (Dual Credit)

PSYCHOLOGY

Grade Level: 10-12 SEMESTER/ 0.500 credit(s)

This course surveys the major principles of psychology such as behavior and mental processes. The course introduces the history of psychology, human development, personality, learning, memory and thought, emotion, thinking, and language. Students will examine the full scope of the science of psychology such as the historical framework, methodologies, motivation, sensation, perception, personality development, cognition, intelligence, biological foundations, mental health, and social psychology. Students will be introduced to both individual and group psychology. Content includes the study of psychological theory and application as well as case studies

SOCIOLOGY

Grade Level: 10-12 SEMESTER/ 0.500 credit(s)

This course surveys the major principles of sociology such as social behavior and the organization of human society. This course offers a study of human relationships in society and how the individual relates to society and the ever-changing world. It focuses upon the use of sociological point of view to examine culture, social structure, and the individual in society, social institutions, and social inequality. The changing social world and its implications are presented and analyzed as well as the importance and role of culture, socialization, and social change in today's society.

PERSONAL FINANCIAL LITERACY

Grade Level: 10-12 YEAR .5 credits

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 course is designed to be an interactive and research-based course. It will teach students to apply critical thinking and problem solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training.

PHYSICAL EDUCATION

PE LIFETIME FITNESS AND WELLNESS PURSUITS

Grade Level: 9-12 YEAR/ 1.00 credit(s)

Students in this class are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course.

PE SKILL-BASED LIFETIME ACTIVITY

Grade Level: 9-12 YEAR/ 1.00 credit(s)

Skill-Based Lifetime Activities is designed to help students in developing basic sport skills, basic sport knowledge and health and fitness principles including social and emotional learning and lifetime wellness. Activities such as yoga, archery, golf, tennis, pickleball, team handball and badminton will be introduced.

PE BOYS ATHLETICS 1-4

Grade Level: 9-12 YEAR/1.000 credit(s)

Participation in athletics involves competitive sports and requires approval of the coaching staff.

PE GIRLS ATHLETICS 1-4

Grade Level: 9-12 YEAR/1.000 credit(s)

Participation in athletics involves competitive sports and requires approval of the coaching staff.

PE DANCE 1-4

Grade Level: 9-12 YEAR/1.000 credit(s)

Participation in Connally Blue Angels and requires approval of the Drill Team Director.

***This class may also count as a Fine Arts Credit

PE-JROTC

Grade Level: 9-12 YEAR/1.000 credit(s)

Air Force Junior PE-ROTC counts as a PE equivalent course **or an elective**. The mission of the program is to instill values of citizenship, service to the United States, personal responsibility, and a sense of accomplishment in high school students. There is no military obligation for taking JROTC.

PE BAND SUBSTITUTION

SEMESTER/0.500 credit(s)

This course is for students that are participating in Band to receive the P.E. substitution for marching band.

Students must participate in two years of marching band to receive a full year PE credit.

WORLD LANGUAGE

SPANISH I

Grade Level: 9-12 YEAR/ 1.000 credit(s)

This course is designed to introduce students to the Spanish language and culture. The students will develop skills in listening, speaking, reading, and writing Spanish. Students will explore various aspects of Hispanic culture, heritage, and peoples. Major emphasis is on conversational usage of Spanish in real-life situations.

SPANISH I HONORS

Grade Level: 9-12 YEAR/ 1.000 credit(s)

The goal of studying modern languages is communicative competence. This course introduces students to language and develops proficiency in speaking, listening, reading and writing. At the end of the course, students should be able to engage in simple conversations within the limits of practiced vocabulary and structure. Students will also gain perspective and insight into the cultures of the countries where the language is spoken. Classes are conducted in the language as much as possible.

SPANISH II

Grade Level: 9-12 YEAR/ 1.000 credit(s)

This course further develops the skills introduced in Spanish I. The students will be involved in an in-depth study of the spoken language, listening, reading, writing, and literature.

Prerequisite: successful completion of Spanish I.

SPANISH II HONORS

Grade Level: 9-12 YEAR/ 1.000 credit(s)

Level II provides opportunities to further develop students' novice-level proficiency in listening, speaking, reading, and writing for communicative competence. Emphasis is placed on expanding vocabulary from memorized words and phrases to sentence level discourse. Students will also continue to gain insight into the culture perspectives, products, and practices of the countries where the language is spoken. By the end of the course, students are expected to reach a Novice High-Intermediate Low proficiency level. Classes are conducted in the language as much as possible.

Prerequisite: successful completion of Spanish I.

FINE ARTS

ART I

Grade Level: 9-12 YEAR/ 1.000 credit(s)

Art I is an introduction to the visual arts and a prerequisite for all other art courses. Students will explore a variety of hands-on experiences and techniques, and work with drawing, painting, and three-dimensional materials. Emphasis will be on the four strands of the Texas Essential of Knowledge and Skills (TEKS) for the visual arts: observation and perception, creative expression, historical and cultural relevance, and critical evaluation and response. Most materials will be provided in class, but if a student wants to use a specific brand, etc. it will be up to the student to purchase those materials. Students will be expected to participate in art contests and exhibits.

ART II, III, & IV

Grade Level: 10-12 YEAR/ 1.000 credit(s)

Art II, III, and IV will begin to independently have students investigate a variety of hands-on experiences and techniques, and work with drawing, painting, and three-dimensional materials. Emphasis will be on the four strands of the Texas Essential of Knowledge and Skills (TEKS) for the visual arts: observation and perception, creative expression, historical and cultural relevance, and critical evaluation and response. Students will be expected to participate in art contests and exhibitions and produce a portfolio suitable for review by the appropriate upper level instructor. Most materials will be provided in class, but if a student wants to use a specific brand, etc. it will be up to the student to purchase those materials. Students will be expected to participate in art contests and exhibits.

Prerequisite: successful completion of Art I.

BAND I, II, III, & IV

Grade Level: 9-12 YEAR/ 1.000 credit(s)

Students will have an opportunity to enjoy various kinds of musical experiences through participation in concert band, marching band, and small ensembles. Band members will represent Connally High School in public concerts and other public functions. Individual achievement opportunities are available through individual study, region, area, and all-state competition, solo and ensemble contests as well as concert/sight reading contests. Students will relate their music experiences to the time and culture of the pieces they study.

CHOIR I, II, III, & IV

Grade Level: 9-12 YEAR/ 1.000 credit(s)

Choir is an introductory course to general music and choral performance. Students will learn the foundations of music history, music theory, vocal techniques, and basic sight-reading skills. The class will participate in at least two choral performances per year.

THEATRE ARTS 1

Grade Level: 9-12 YEAR/ 1.000 credit(s)

Theatre I is an introduction to Theatre. Students will learn what goes into a production, basic acting skills, basic movement skills, vocal techniques, history of the theatre, audition guidelines, dramatic structure, and much more.

THEATRE ARTS II, III, IV

Grade Level: 10-12 YEAR/ 1.000 credit(s)

Theatre II-IV is a more in-depth study of Theatre. Students will create a working resume; learn audition techniques; learn about different styles of acting; advance their physical and vocal training; be more involved in the technical areas of theatre (Stage Makeup, Costuming, Set Construction, Playwriting, etc.); and will produce several productions throughout the year.

Enrollment in these courses is subject to the approval of the Theater Arts teacher.

Prerequisite: Theatre I

THEATRE PRODUCTION I, II, III, & IV

Grade Level: 9-12 SEMESTER/ 0.5000 credit(s)

This course is designed for students involved in the current theatrical production. Student enrollment is dependent on being cast in the Fall or Spring Production, at the director's discretion.

Enrollment in these courses is subject to the approval of the Theater Arts teacher.

FLORAL DESIGN

Grade Level: 9-12 YEAR/ 1.000 credit(s)

*Advanced CTE course for endorsement

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 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.

CAREER & TECHNICAL EDUCATION COURSES

CAREER PREP I/II

Grade Level: 11-12 YEAR/2.000 or 3.000 credit(s)

*Advanced CTE course for endorsement

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Students must be employed before the start of the school year and maintain employment the entire school year.

The student must average 10-15 hours per week and complete a weekly log.

COMPUTER SCIENCE I

Grade Level:10-12 YEAR/1.000 credit(s)

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.

Prerequisite: Successful completion of Algebra I.

APPLIED AGRICULTURAL ENGINEERING - WELDING

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

Grade Level: 9-12 YEAR/1.000 credit(s)

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

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

Grade Level: 10-12 YEAR/1.000 credit(s)

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.

Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources.

BUSINESS MANAGEMENT PROGRAM OF STUDY

PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

Grade Level: 9-12 YEAR/ 1.000 credit(s)

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course 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. The Business Management and Administration Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operation.

VIRTUAL BUSINESS

Grade Level: 10-12 SEMESTER/ 0.500 credit(s)

Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and offline 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. The Business Management and Administration Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operation.

Prerequisite: Successful completion of Principles of Business, Marketing, and Finance

***This course is co-enrolled with Global Business

GLOBAL BUSINESS

Grade Level: 10-12 SEMESTER/ 0.500 credit(s)

*Advanced CTE course for endorsement

Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international

human resource management. The Business Management and Administration Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operation.

Prerequisite: Successful completion of Principles of Business, Marketing, and Finance

***This course is co-enrolled with Virtual Business.

BUSINESS MANAGEMENT

Grade Level: 11-12 YEAR/ 1.000 credit(s)

*Advanced CTE course for endorsement

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. The Business Management and Administration Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operation.

Prerequisite: Successful completion of Principles of Business, Marketing, and Finance

PRACTICUM IN BUSINESS MANAGEMENT

Grade Level: 11-12 YEAR/ 2.000 credit(s)

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

Recommended Prerequisites: Business Management.

CULINARY ARTS PROGRAM OF STUDY

PRINCIPLES OF HOSPITALITY AND TOURISM

Grade Level: 9-12 YEAR/ 1.000 credit(s)

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

CULINARY ARTS

Grade Level: 10-12 YEAR/ 1.000 credit(s)

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a

well-run restaurant. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Prerequisite: Principles of Hospitality.

HEALTHCARE THERAPEUTIC PROGRAM OF STUDY

PRINCIPLES OF HEALTH SCIENCE

Grade Level: 9-12 YEAR/1.000 credit(s)

This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

MEDICAL TERMINOLOGY

Grade Level: 10-12 YEAR/1.000 credit(s)

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

Prerequisite: Successful Completion of Principles of Health Science.

CNA - HEALTH SCIENCE THEORY CLINICAL

Grade Level: 11-12 YEAR/2.000 credit(s)

The Health Science Theory 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.

Prerequisite: Successful Completion of Principles of Health Science and Medical Terminology

PCT - PRACTICUM IN HEALTH SCIENCE

Grade Level: 11-12 YEAR/2.000 credit(s)

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Prerequisite: Successful Completion of Health Science Theory Clinical

ROBOTICS PROGRAM OF STUDY

PRINCIPLES OF APPLIED ENGINEERING

Grade Level: 9-12 YEAR/1.00 credit(s)

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.

ROBOTICS I

Grade Level: 10-12 YEAR/1.00 credit(s)

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

Recommended Prerequisite: Principles of Applied Engineering.

LAW ENFORCEMENT PROGRAM OF STUDY

PRINCIPLES OF LAW ENFORCEMENT, PUBLIC SERVICE, SAFETY, AND COMMUNICATION

Grade Level: 9-12 YEAR/1.000 credit(s)

This course introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

LAW ENFORCEMENT I

Grade Level: 10-12 YEAR/1.000 credit(s)

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

Recommended prerequisite: Principles of Law Enforcement, Public Service, Safety, and Corrections

LAW ENFORCEMENT II

Grade Level: 10-12 YEAR/1.000 credit(s)

*Advanced CTE course for endorsement

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

Prerequisite: Successful completion of Law Enforcement I.

PRACTICUM OF LAW ENFORCEMENT, PUBLIC SERVICE, SAFETY, AND COMMUNICATION

Grade Level: 11-12 YEAR/2.000 credit(s)

*Advanced CTE course for endorsement

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Recommended prerequisite: Successful completion of Law Enforcement II

GRAPHIC DESIGN AND MULTIMEDIA ARTS PROGRAM OF STUDY

PRINCIPLES OF ARTS, A/V TECHNOLOGY, AND COMMUNICATION

Grade Level: 9-12 YEAR/1.000 credit(s)

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.

GRAPHIC DESIGN AND ILLUSTRATION I

Grade Level: 10-12 YEAR/1.000 credit(s)

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Recommended prerequisites: successful completion of Principles of Arts, A/V Technology, and Communications.

GRAPHIC DESIGN AND ILLUSTRATION II

Grade Level: 10-12 YEAR/1.000 credit(s)

*Advanced CTE course for endorsement

Within this context, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Recommended Prerequisite: successful completion of Graphic Design and Illustration I.

PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION

Grade Level: 10-12 YEAR/2.000 credit(s)

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/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.

Prerequisite: Successful completion of Graphic Design and Illustration II.

COMMERCIAL PHOTOGRAPHY I

Grade Level: 10-12 YEAR/1.000 credit(s)

In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

Recommended prerequisites: successful completion of Principles of Arts, A/V Technology, and Communications.

COMMERCIAL PHOTOGRAPHY II

Grade Level: 11-12 YEAR/1.000 credit(s)

*Advanced CTE course for endorsement

In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Recommended Prerequisites: Commercial Photography I

PRACTICUM IN COMMERCIAL PHOTOGRAPHY

Grade Level: 10-12 YEAR/2.000 credit(s)

In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Prerequisites: Commercial Photography I

OTHER ELECTIVES

AVID I, II, III, & IV

Grade Level: 9-12 YEAR / 1.000 credits(s)

The AVID elective class provides academic and social support for students entering rigorous coursework for the first time in their educational career. AVID I–IV provides schools a mechanism for elevating previously middle performing students up to completion of at least the Recommended High School Program.

Students must go through the recommendation process and be approved by the AVID Coordinator.

PEER ASSISTANCE AND LEADERSHIP (PALs) I & 2

Grade Level: 11-12 YEAR/ 1.000 credit (s)

The Peer Assistance and Leadership® (PAL®) program focuses on working with elementary, middle, and high school age youth. Participants receive effective training in resiliency strategies. Course content and interactive activities combat issues like school violence, drug use/abuse, teen pregnancy, gang participation, school dropouts, and/or behavior problems

Students must go through the recommendation process and be approved by the PALs Coordinator.

AIR FORCE JROTC I, II, III, & IV

Grade Level: 9-12 YEAR/1.000 credit(s)

Students who have acquired their P.E. credit or who are currently taking a P.E. credit through athletics or band may take Air Force JROTC as an elective. The mission of the program is to instill values of citizenship, service to the United States, personal responsibility and a sense of accomplishment. There is no military obligation for taking Air Force JROTC.

CHEER 1-4

Grade Level: 9-12 YEAR/1.000 credit(s)

Participation in Connally Cheer Team and requires approval of the CHS Cheer Coach.

DEBATE I, II, & III

Grade level: 9-12 YEAR/1.000 credit(s)

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.

Students must go through the recommendation process and be approved by the Campus UIL Coordinator.

CHS Endorsement Programs of Study

2024-2025

ARTS AND HUMANITIES	
<input type="checkbox"/> ART <ul style="list-style-type: none"> <input type="checkbox"/> Art 1 <input type="checkbox"/> Art 2, Ceramics, or Sculpture <input type="checkbox"/> Art 3 <input type="checkbox"/> Art 4 	<input type="checkbox"/> CHOIR <ul style="list-style-type: none"> <input type="checkbox"/> Choir 1 <input type="checkbox"/> Choir 2 <input type="checkbox"/> Choir 3 <input type="checkbox"/> Choir 4
<input type="checkbox"/> BAND <ul style="list-style-type: none"> <input type="checkbox"/> Band 1 <input type="checkbox"/> Band 2 <input type="checkbox"/> Band 3 <input type="checkbox"/> Band 4 	<input type="checkbox"/> Theatre <ul style="list-style-type: none"> <input type="checkbox"/> Theatre 1 <input type="checkbox"/> Theatre 2, Theatre Production <input type="checkbox"/> Theatre 3, Theatre Production <input type="checkbox"/> Theatre 4, Theatre Production
<input type="checkbox"/> DANCE <ul style="list-style-type: none"> <input type="checkbox"/> Dance 1 <input type="checkbox"/> Dance 2 <input type="checkbox"/> Dance 3 <input type="checkbox"/> Dance 4 	
BUSINESS AND INDUSTRY	
<input type="checkbox"/> Applied Agriculture Engineering- Welding <ul style="list-style-type: none"> <input type="checkbox"/> Principles of Agriculture, Food, and Natural Resources <input type="checkbox"/> Agriculture Mechanics and Metal Technologies <input type="checkbox"/> Agriculture Structural Design and Fabrications <input type="checkbox"/> Practicum in Agriculture, Food, and Natural Resources 	<input type="checkbox"/> Business Management <ul style="list-style-type: none"> <input type="checkbox"/> Principles of Business, Marketing, and Finances <input type="checkbox"/> Virtual/Global Business <input type="checkbox"/> Business Management <input type="checkbox"/> Practicum in Business or Career Prep
<input type="checkbox"/> COMMERCIAL PHOTOGRAPHY <ul style="list-style-type: none"> <input type="checkbox"/> Principles of Arts, Audio/Visual Technology and Communication <input type="checkbox"/> Commercial Photography I <input type="checkbox"/> Commercial Photography II <input type="checkbox"/> Practicum in Commercial Photography or Career Prep 	<input type="checkbox"/> Culinary Arts <ul style="list-style-type: none"> <input type="checkbox"/> Principles of Hospitality and Tourism <input type="checkbox"/> Culinary Arts <input type="checkbox"/> Advanced Culinary Arts <input type="checkbox"/> Practicum in Culinary Arts
<input type="checkbox"/> GRAPHIC DESIGN <ul style="list-style-type: none"> <input type="checkbox"/> Principles of Arts, Audio/Visual Technology and Communication <input type="checkbox"/> Graphic Design I <input type="checkbox"/> Graphic Design II <input type="checkbox"/> Practicum in Graphic Design and Illustration or Career Prep 	

MULTIDISCIPLINARY

- 4 X 4
 - English 1, 2, 3, & 4
 - Algebra I, Algebra II, Geometry, & Advanced Math
 - Biology, Chemistry, Physics, & Advanced Science
 - World Geography, World History, US History, & Government /Economics

PUBLIC SERVICE

- | | |
|--|---|
| <ul style="list-style-type: none"><input type="checkbox"/> HEALTH SCIENCE<ul style="list-style-type: none"><input type="checkbox"/> Principles of Health Science<input type="checkbox"/> Medical Terminology<input type="checkbox"/> CNA (Health Science Theory) or Anatomy and Physiology<input type="checkbox"/> PCT (Practicum in Health Science) or Pathophysiology | <ul style="list-style-type: none"><input type="checkbox"/> LAW ENFORCEMENT<ul style="list-style-type: none"><input type="checkbox"/> Principles of Law, Public Safety, and Corrections<input type="checkbox"/> Law Enforcement I<input type="checkbox"/> Law Enforcement II<input type="checkbox"/> Practicum in Law, Public Safety, and Corrections |
|--|---|

STEM

- | | |
|--|--|
| <ul style="list-style-type: none"><input type="checkbox"/> MATH (5 required)<ul style="list-style-type: none"><input type="checkbox"/> Algebra I<input type="checkbox"/> Geometry<input type="checkbox"/> Algebra II<input type="checkbox"/> (choose) 20 Pre-Calculus Honors or AQR or MCC Dual Credit Math <p>*** Must also take Chemistry or Physics</p> | <ul style="list-style-type: none"><input type="checkbox"/> SCIENCE<ul style="list-style-type: none"><input type="checkbox"/> Biology<input type="checkbox"/> Chemistry<input type="checkbox"/> Physics<input type="checkbox"/> (choose 2) Anatomy and Physiology or Forensic Science or Food Science or AP Environmental Science |
|--|--|