

Rising 9th Grade Elective Choices

2019-2020

CTAE Electives:

- **Basic Ag. Science** - This course is designed as the foundational course and prerequisite for all Agriculture, Food & Natural Resources Pathways. The course introduces the major areas of scientific agricultural production and research; presents problem-solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. (Studies plants and animals.)
- **General Horticulture & Plant Science** - **This course is only for students who completed Basic Ag. Science as 8th graders.** It is designed as an introduction for the Horticulture-Plant Science Pathway Program of Study. It introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
- **Audio, Video, Tech & Film I** - This course will cover a wide range of skills and activities that are relevant to real world television and movie production, as well as careers in video and sound editing, computer graphics and design, and many other communication fields. Students with the desire will be given the opportunity to explore this class from an on-screen talent perspective.
- **Intro to Healthcare** - This is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training. (Prepares students for any healthcare career: doctor, nurse, dentist, veterinarian, EMT, pharmacist, etc.)
- **Industry Fundamentals and Occupational Safety** - This course is designed as the foundational course in the Carpentry, Plumbing, Electrical, Masonry, Machining, Welding, Sheet Metal, Heating, Ventilation, Air Conditioning and Refrigeration, and HVACR Electrical pathways to prepare students for pursuit of any career in construction. The course prepares the trainee for the basic knowledge to function safely on or

around a construction site and in the industry in general and will provide the trainee with the option for an Industry Certification in the Construction Core. (Prepares students for career in construction.)

- **Intro to Culinary Arts** - This is the foundational course designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. The course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway to Culinary Arts. Mastery of standards through project-based learning, technical skills practice, and leadership development activities of Family, Career and Community Leaders of America, (FCCLA) will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice to continue their education and training. (Teaches students restaurant-style cooking.)
- **Early Childhood Education I** - This is the foundational course under the Early Childhood Care and Education pathway and prepares the student for employment in early childhood education and services. The course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. (Prepares students to work with children birth through five years of age in a day-care setting.)
- **Examining the Teaching Profession** - This is the foundational course under the Teaching as a Profession pathway and prepares students for future positions in the field of education. Teaching as a Profession students study, apply, and practice the use of current technologies, effective teaching and learning strategies, the creation of effective learning environment, the creation of instructional opportunities for diverse learner and students with social needs, and plan instruction based on knowledge of subject matter, students, community, and curriculum performance standards. (Explores the career of teaching students from Pre-K to 12th grade.)
- **Intro to Graphics and Design** - This course is designed as the foundational course for both the Graphics Production and Graphics Design pathways. The Graphics and Design course provides students with the processes involved in the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. In addition, the Graphics and Design course offers a range of cognitive skills, aesthetics, and crafts that includes typography, visual arts, and page layout. (Students learn to design products on the computer and then make the products.)
- **Intro to Digital Technology** - This is the foundational course for Computer Science, Web Design, and AP Computer Science pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts

their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills required in this course.

- **Computer Science Principles** - This course is only available for students who took Intro to Digital Technology in 8th grade. This is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science. There is a significant amount of programming involved emphasizing problem solving and logic development. Exploring the impact of the Internet, design and structure, use of computational tools in data analysis are other topics that are also explored in this course.
- **Intro to Public Safety** - This course will examine the basic concepts of law related to citizens' rights and officers' responsibilities to maintain a safe society. This course begins with a study of various careers in public safety. The course will explore the history and development of law enforcement in the United States. Students will then examine the components of the criminal justice system, including the roles and responsibilities of the police, courts, and corrections.
- **Essentials of Emergency Services** - **This course will only be available for students who completed Intro to Public Safety in the 8th grade and will continue in the exploration of careers in emergency services.** This course addresses the essential components needed for fire and emergency services. Students will be prepared for their third-course options that include the following: law enforcement, firefighting, emergency medical responder, and public safety communications. Employability skills will be integrated into the tasks, activities, and projects to demonstrate skills required in emergency service agencies.
- **STEM** - This course prepares students to understand and apply technological concepts and processes that are the cornerstone for the high school technology program. Group and individual activities engage students in creating ideas, developing innovations, and engineering practical solutions. Technology content, resources, and laboratory/classroom activities apply student applications of science, mathematics, and other school subjects in authentic situations. Foundations of Technology focuses on the following three dimensions of technological literacy: 1. Knowledge 2. Ways of Thinking and Acting 3. Capabilities. The goal is for students to develop the characteristics of technologically literate citizens.

Fine Arts Electives:

- **Band I** - Students registering for this course will be part of Calhoun High School's marching band. They will be expected to attend band camp in July prior to the start of school.
- **Art I** - This is an exploratory program for students who have an artistic interest, dedication, and enthusiasm they wish to pursue in a structured course of study. This course will provide students with an introduction to fundamental concepts of art. Students will explore the Elements of Art and Principles of Design through studio lessons using problem solving skills in a variety of 2D: drawing, painting, printmaking, collage, cardboard and more. Students are expected to complete sketchbook assignments and participate in art shows.
- **Art II** - Only students who completed Visual Arts I in 8th grade for high school credit can continue in the Art pathway by registering for Art II.
- **Pottery I** - This course is for students who wish to explore the art of ceramics. Through hand building techniques such as pinch, coil, and slabs, students will learn the fundamentals for creating objects with clay. Functional as well as sculptural applications will be explored, and students will be encouraged to develop their own artistic style. Glazing and surface design techniques will be introduced.
- **Theatre Arts/Fundamentals** - This is an introductory class to elements of theatre. It includes acting, improvisation, and technical theatre work.
- **Theatre Arts/Musical Theatre I** - This is the production class for CHS musicals and plays. Students will participate in acting, singing, dance and technical work both in class and with extracurricular commitments.
- **Theatre Crew** - Students taking this course will assist in preparing the sets for CHS musical productions.
- **Chorus** - This is a non-auditioned class for students who like to perform or would like to explore what CCS Performing Arts has to offer. Instruction focuses on choral technique, sight singing, and musical theatre performance.

Physical Education Electives:

- **Personal Fitness/Health Combo** - This is a required course that all students must complete in order to earn a high school diploma. Students may have taken it in the 8th grade. They also have the opportunity to take it the summer prior to entering 9th grade. The health requirement will be completed using the online Odysseyware course which is designed to increase student knowledge of their overall physical, mental, and social health.
- **Team Sports** - This is an elective course that allows students a chance to learn the history, rules, and the fundamental skills of various sports (i.e. volleyball, flag football, basketball, and soccer) that may continue to enhance the student's adult life.

- **Weight Training for Males** - This class is designed to improve physical fitness in almost all aspects. Students will be pushed to work hard in all activities and will be held accountable in making improvements in both strength and conditioning.
- **Physical Conditioning for Females** - This class is designed to improve physical fitness in almost all aspects. Students will be pushed to work hard in all activities and will be held accountable for making improvements in both strength and conditioning.
- **Water Sports** - This course is designed to introduce water safety, basic water skills, stroke mechanics, and training involved in all four competitive strokes.

Foreign Language Options: Spanish and French

Remember that completing a foreign language is not required for graduation. However, in order to be admissible to college, a student must complete at least 2 years of the same foreign language in high school. The majority of CHS students will wait until their 10th grade year to start a foreign language. Students wanting to attend a competitive college may want to consider taking four years of the same language in high school.

Other Elective Options:

- **Debate** - This is an independent study class only open to members of the competition debate squad per recommendation