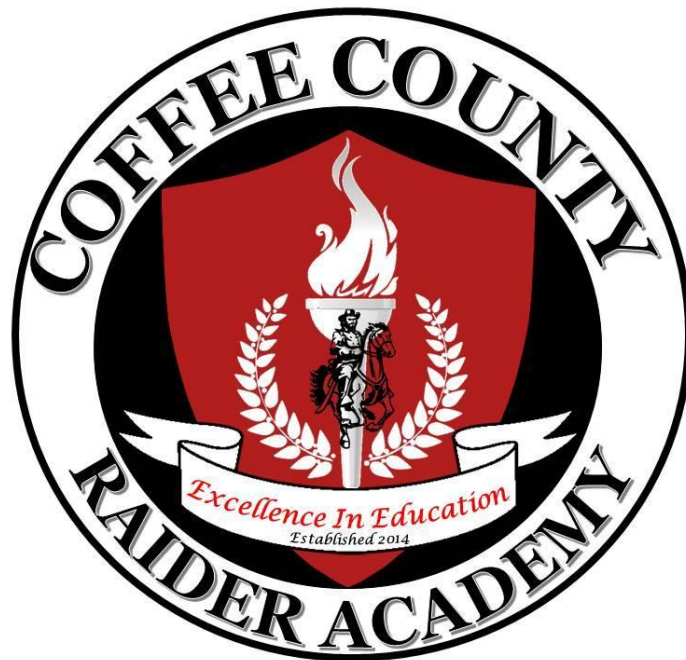


Coffee County Raider Academy

Course Descriptions 2023-2024



Principal: Angela Sellars
Assistant Principal: Susan Ferrell
School Counselor: Marisa Judkins
Special Services Coordinator: Cindy Nowlin

Courses Required for All Students:

1. Language Arts:

English I

1 Credit

Prerequisite: None

English 1 is a world literature-based course that builds on and integrates language, literacy, and composition skills. Historical and cultural elements are explored in relation to literary selections from a variety of genres: fiction (novel, short story), nonfiction (autobiography, biography, essay), poetry, and drama including, but not limited to, works from authors such as Brene Brown, Robert Frost, Judith Ortiz Cofer, George Orwell, Shakespeare, Ayn Rand, Homer, etc. Classic and contemporary literature, as well as informational texts, will be the focal point of the course in addition to expository, argumentative, and narrative writing. Vocabulary is studied continuously in context with literature, and grammar usage and mechanics are developed through composition in a variety of formats including essays and research using the MLA format for documentation. To aid in college and career readiness and to prepare for English 2, additional emphasis is placed on oral and written communication for personal, informational, critical, and argumentative purposes. At least one outside reading assignment or project is given each semester. All students will be given the state-required TNReady exams. A list of recommended materials will be provided.

Honors English 1

1 credit

Prerequisite: *See Rigorous Course Requirements*

Honors English 1 is an advanced world literature-based course that contains the same basic content as English 1, but with a more in-depth analysis expected. Classic and contemporary literature, as well as informational texts, will be the focal point of the course in addition to expository, argumentative, and narrative writing. Additional works and assignments are designed to prepare the student for the rigor of Honors English 2 and success in a college-preparatory curriculum and will require independent analysis of materials read outside of class. Students are required to read at least **six** novels during the year and present **four** novels to the class as individual projects. Works independently analyzed in this course include, but are not limited to, Steinbeck's *Of Mice and Men*, Gladwell's *Outliers*, and Shakespeare's *Romeo and Juliet*. Vocabulary, grammar and mechanics, and writing are developed in a variety of formats including essays and research using the MLA format for documentation. All students will be given the state-required TNReady exams. This course is graded on a 103-point scale. A list of recommended materials will be provided.

2. Mathematics:

Algebra 1

1 credit

Algebra 1 provides a formal development of the algebraic skills and concepts necessary for students to succeed in higher level mathematics courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations, emphasizing numbers, linear equations and inequalities, relations and functions, polynomials, and nonlinear equations, such as quadratic and exponential model. A lab fee is required.

Honors Algebra 1

1 credit

Prerequisite: *See Rigorous Course Requirements*

Algebra 1 provides a formal development of the algebraic skills and concepts necessary for students to succeed in higher level mathematics courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations, emphasizing the concepts of expressions, equations and functions throughout the course. Topics include: operations with real numbers, linear equations and inequalities, relations and functions, polynomials, and nonlinear equations, such as quadratic and exponential models. The Honors Algebra 1 course is designed to provide students with more in-depth level of instruction and an accelerated learning pace. The course is graded on a 103-point scale.

A lab fee is required.

Honors Geometry

1 credit

Prerequisite: Algebra 1 credit

Geometry is the study of space and its mathematical constructs. The course includes development of both deductive and inductive reasoning skills, both formally and informally. Students will discover and prove geometry concepts using constructions and formal proofs. Knowledge and use of correct vocabulary and reading comprehension skills are vital. The Honors Geometry course is designed to provide students with a comprehensive scope and an accelerated learning pace. The course is graded on a 103-point scale. A lab fee is required.

3. Science:

Physical Science

1 credit

Physical Science is a laboratory science course that explores the relationship between matter and energy. Students investigate physical science concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Energy, Matter, Motion, and Forces. A laboratory fee is required.

Honors Physical Science

1 Credit

Prerequisite: *See Rigorous Course Requirements*

This course includes the same content area as Physical Science, but is designed for the accelerated student and lays a foundation for continued advanced studies in chemistry and physics. This course is graded on a 103-point scale. A laboratory fee is required.

Honors Physics

1 Credit

Prerequisite: *See Rigorous Course Requirements*

This course is an honors course designed for students interested in continuing education in the field of science, engineering or medicine. Students study the relationship of matter and energy in fields such as mechanics, light, sound and electricity. Problem solving and laboratory experience are the main modes of study. This course is graded on a 103-point scale.

Environmental Science

1 credit

Environmental Science is the study of terrestrial and freshwater ecosystems, environmental issues, techniques of laboratory and field studies, and sources and control of pollution. The content includes energy flow, ecosystems, biomes, native flora and fauna, pollution, and environmental law. A laboratory fee is required.

Honors Environmental Science

1 credit

Prerequisite: *See Rigorous Course Requirements*

Honors Environmental contains the same content as Environmental Science but is designed for the accelerated student. This course is graded on a 103-point scale. One all day field trip is scheduled for this class. A laboratory fee is required.

Agriscience

1 credit

This course consists of standards designed to prepare students for biology and subsequent sciences. The content area covers ecology, biological processes, reproduction and a study of chemical and physical laws that govern life. This course assists students in understanding the important role science serves as the agricultural industry moves into the 21st century. A laboratory fee is required. (This course can be used to satisfy one credit in the Agriculture Program of Study if taken as an elective)

Honors Agriscience

1 credit

Prerequisite: *See Rigorous Course Requirements*

Honors Agriscience contains the same content as Agriscience, but is designed for the accelerated student. This course is graded on a 103-point scale. A laboratory fee is required.

4. Social Studies:

World History

1 credit

Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will examine the origins and consequences of the Industrial Revolution, nineteenth century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, the Great Depression, the Cold War, and the Russian and Chinese Revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source documents. Students will explore geographic influences on history with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will study aspects of technical geography, such as GPS and GIS, and how these innovations continuously impact geopolitics in the contemporary world. A lab fee is required.

Honors World History

1 credit

Prerequisite: *See Rigorous Course Requirements*

Honors World History and Geography contains the same content as World History and Geography, but is designed for the accelerated student. This course is graded on a 103-point scale.

5. Wellness:

Wellness Health

.5 credit

This course provides students with a holistic approach to health which addresses disease prevention and control, nutrition, substance use and abuse, mental health, family life and sexuality, first aid and safety, and personal fitness. This course meets half of the graduation requirement of one credit in Lifetime Wellness.

Wellness Physical Education

.5 credit

Students are introduced to the fundamentals of team games and sports, which include skills, rules, and game strategy, as well as physical fitness. Emphasis in the class is placed on providing an opportunity for growth in teamwork and cooperation. This course meets the physical education half of the graduation requirement of one credit in Lifetime Wellness.

6. Elective Courses for Students:

Each student will have one course that is an "elective." This course may fulfill a graduation requirement or it may simply be an elective. Students will choose from the following list of available courses:

Band (Fulfills the Fine Art Graduation Requirement and can meet the Physical Activity Requirement for PE)

Instrumental Music (Band)

1 Credit

Prerequisite: Instructor approval

The first semester of band consists of Marching Band. Students will play for football games and compete throughout the fall. After marching season is over, students will audition for chair placements in the Concert Band. In this ensemble, emphasis is placed on improving music reading skills and performance techniques through standard and custom band literature. Participation in the All-State and Mid-State instrumental auditions is encouraged and emphasized. Private instrumental instruction is encouraged.

Participation in marching band and concert band activities is required for the entire year. This course may require after school rehearsals, performances and/or field trip(s) that will be used as part of the evaluation process. This course may also require designated fees for membership that can be alleviated through student/parent fundraising.

Concert Choir (Fulfills the Fine Art Graduation Requirement)

1 Credit

Prerequisite: None

Concert Choir is an ensemble consisting of males and females. Students will prepare repertoire for concerts while gaining skills in technique and musicianship. Two or three concerts are performed during the year.

Theater I (Fulfills the Fine Art Graduation Requirement)

1 Credit

Prerequisite: None

In Theater 1 students will learn basic terminology and skills used in the theater. Students will learn through some written work, but mainly through performance-based experiences. A student taking this course can expect to take notes at times, write about experiences, play games, write scenes and scripts, and perform, sometimes alone and sometimes in collaboration with others.

STEM - Principles of Engineering and Technology

1 Credit

Prerequisite: Passing Grade in 8th Grade Science and Math

Principles of Engineering and Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others. This is the first course in both the Engineering and the Technology programs of study.

Health Science Education

1 Credit

Prerequisite: None

This course serves as the foundation for the other health science courses. It includes basic health care information of services/products related to the health of individuals. The roles and responsibility of medical professionals and direct service staff will be discussed. Basic information concerning individual and family health practices will be offered, encouraging promotion of healthy life- styles. This course emphasizes career choices, skill development, and application of health concepts relative to becoming a health- care professional. Skills included in the class include hand-washing, assessment of temperature, pulse, respiration, and blood pressure, CPR skills and first aid.

Junior ROTC/ JROTC Option 1: (all first year cadets)

AS 100: Aerospace Science: A Journey into Aviation History/LE 100: Citizenship, Character and Air Force Tradition

1 Credit

This is the recommended first AS course for all new cadets. It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. The LE-100 introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self-control; and citizenship. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of an exercise program focused upon individual baseline improvements with the goal of achieving a national standard as calculated by age and gender. The Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities. (JROTC can be a substitute for the one required Wellness credit.)

Honors Physical Geography

1 Credit

Counts as Humanities Elective

Physical Geography is a course where students will examine global perspectives, basic concepts, and fundamental questions of geography. Students will focus on the ways through which all places on Earth are interconnected and how the human use of the Earth's surface varies over space. Topics studied in the course include human populations and migration, regions of the world, resources, and the tools used by modern geographers.

Sociology / Psychology

.5 Credit each to total 1 Credit

Prerequisite: None

Sociology is a sociological study of social behavior and social structures, emphasizing the importance of a knowledge and appreciation of the multi-cultural and multi-ethnic dimensions of society. Topics include cultural elements such as values, norms, beliefs, language, and roles, as well as group processes, social conflict, and social change.

Psychology is designed to acquaint students with the concept of human behavior. This elective provides a general introduction to the field of psychology. Specific topics include the following: learning and creativity, perception, theories of personality, human growth and development, and abnormalities. Psychology involves group work, independent reading/research, and active participation by the student.

Teaching as a Profession I

1 Credit

Prerequisite: None

Teaching as a Profession I (TAP I) is an intermediate course for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology.

Criminal Justice I

1 Credit

Prerequisite: None

Criminal Justice I is the first of three courses designed to help the student gain a better understanding of the criminal justice system and how it works. The first level will discuss careers that include, but are not limited to, forensics, criminology, Federal Bureau of Investigations, Tennessee Bureau of Investigations, law enforcement, and the study of law. Students will be exposed to first-hand experience and knowledge of those individuals engaged in careers in criminal justice. Students will gain a better understanding of the state, federal, and international law. The class will focus on advancements in technology and the new fields of careers available in the field of criminal justice. Students will also be instructed in the technique of CPR (Cardio Pulmonary Resuscitation)

Computer Science

1 credit

Prerequisite: None

Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.

Requirements and Expectations for Honors Courses:

Honors courses are more rigorous and faster paced than general courses. 3 rigor points are awarded at the end of each quarter. This makes 103 the highest grade possible in an Honors Course.

The following requirements must be met in order to register for any honors course at CCRA: (with the exception of Honors Geometry).

Honors Requirements

- Students must have made 85 or higher in previous Honors Courses and/or 90 or higher in previous Regular Courses to be able to register for Honors courses in 9th grade.
- Students must have no more than 5 unexcused absences from school in 8th grade.

Honors Expectations:

- All courses are taught on a rigorous level.
- Students must have a strong work ethic
- It is critical that students have the time outside of school to complete their work.
- Assignments typically require higher-level reading, writing, and analytical skills.
- There are NO opportunities for late work, re-do's, or extra credit, etc.

You should NOT register for an Honors Course unless you are prepared to meet these expectations!