

Cherokee High School

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Home of the Warriors

COURSE CATALOG

For Academic School Year 2026 – 2027



Cherokee County School District

Graduation Requirements

CORE AREAS	UNITS OF CREDIT	COURSES
Language Arts	4	1 unit of Lit/Comp I 1 unit of Lit/Comp II 2 additional units of an approved English, including equivalent AP/DE courses
Science	4	1 unit of Biology 1 unit of Chemistry, Earth Systems, Environmental Science, or AP/DE Science 1 unit of Physical Science or Physics 1 unit of an approved 4th Science, including an AP/DE Science or course on approved list: GA DOE Fourth Science Options
Mathematics	4	1 unit of Algebra 1 unit of Geometry 1 unit of Advanced Algebra 1 additional Math unit (Pre-Calculus or any higher-level mathematics course, including AP/DE)
Social Studies	3	1 unit of World History 1 unit of United States History ½ unit of Economics ½ unit of American Government/Civics (<i>excludes AP Comparative Government</i>)
World Language* AND/OR CTAE** (Career, Technical and Agricultural Education) AND/OR Fine Arts	3	World Language – French, American Sign Language, and Spanish CTAE – (See CTAE List) Fine Arts - Art, Drama, and Music
Health/Physical Education	1	½ unit of Health ½ unit of Personal Fitness
Electives	4	4 additional elective courses
TOTAL UNITS (Minimum):	23	
<p>*World Language is NOT required to graduate high school. Students planning to enter or transfer into a University System of Georgia institution or other post-secondary institution must take two units of the same world language.</p> <p>**Students wishing to receive industry certification in certain areas under Career, Technical and Agricultural Education programs must follow specific pathways.</p>		

The above represent minimum graduation requirements.

Georgia Milestones End of Course Tests (EOC)

The following courses have an End of Course test: Algebra I, US History, Lit/Comp II, Biology. They must take the Georgia Milestones EOC and it will count as 20% of the course grade. **This includes students taking Biology for the first time through Dual Enrollment**

CHS Course Descriptions

Course offerings are subject to change based on availability.

English & Language Arts					
Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
Literature and Composition I*	23.0616001	23.0616002	9	None	Reading strategies, interpretation of literature, writing, vocabulary, and grammar.
Honors Literature and Composition I*	23.0616041	23.0616042	9	Teacher Recommendation	Advanced reading strategies, interpretation of literature, writing, vocabulary, and grammar.
Literature and Composition II*	23.0617001	23.0617002	10	Literature and Composition I	Study of world literature and informational texts; an exploration of commonalities and differences among works of literature from different times and places around the world. Narrative, argument and synthesis writing; vocabulary and grammar instruction.
Honors Literature and Composition II*	23.0617041	23.0617042	10	Literature and Composition I Teacher Recommendation	Advanced study of literature and informational texts; an exploration of commonalities and differences among works of literature from different times and places around the world. Narrative, argument and synthesis writing; vocabulary and grammar instruction.
11 th /American Literature*	23.0510001	23.0510002	11	Literature and Composition I and II	Reading strategies, interpretation of American literature, vocabulary, writing, and grammar.
AP Language & Composition**	23.0430001	23.0430002	11	Literature and Composition I and II, and Teacher Recommendation	Advanced college level study of authors' styles and techniques, review of writing skills, vocabulary, and preparation for AP exam.
AP Literature & Composition**	23.0650001	23.0650002	12	Literature and Composition I and Literature and Composition II, Teacher Recommendation	Advanced college level study of literature and critical approaches, review of writing skills, vocabulary, and preparation for AP exam.
Advanced Composition*	23.0340001	23.0340002	12	Literature and Composition I, Literature and Composition II, and American Lit/AP Lang	This course focuses on the writing process (planning, drafting, and revising). The students will focus on different writing genres and organizational structures: expository, persuasive, narrative, descriptive, comparison-contrast, exemplification, process analysis, classification, cause and effect, and definition. Advanced grammar skills will be a major component of this class. An emphasis on research is also required.
Dramatic Writing for Theatre, Film, and Television*	52.0920001	52.0920002	12	Literature and Composition I and Literature and Composition II	Year-long on-level 12th grade core English course where students will learn how to write for theatre, film, and television. Students will make skillful use of narrative storytelling techniques through the writing of plays, television scripts, and film screenplays. 3 Years of High School ELA credit (preferably at least one at the honors level),
Journalism/Yearbook*	23.0320003	23.0320004	9-12	Application and approval from Yearbook Advisor	Study of photo journalism and production of school yearbook. Students will work together to conceptualize and create the school's yearbook.
Journalism/Newspaper*	23.0320001	23.0320002	9-12	None	Study of photo journalism and production of school newspaper.
AP Seminar - ELA**	23.0380001	23.0380002	10	Literature and Composition I and Literature	Counts as 4th English Credit. AP Seminar is a foundational course that engages students in cross-curricular conversations where they can explore the complexities of

				and Composition II Teacher Recommendation	academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. They synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision so they can craft and communicate evidence-based arguments. Exploring different points of view and making connections across disciplines are fundamental components of the AP Seminar experience. Students consider one topic or issue from multiple perspectives, many of which are divergent or competing. Analyzing topics through multiple lenses aids in interdisciplinary understanding and gives students a rich appreciation for the intricacy of important issues.
Writer's Workshop*	23.03100		9-12		Writer's Workshop offers opportunities for students to explore a wide variety of modes and genres through composition. Students will study a variety of writers and texts, analyzing their respective styles. Students will have opportunities to improve writing proficiency through a study of the components of writing: organization, fluency, style, diction, grammar, usage, mechanics, imaginative expressions, and details. This course allows students to utilize writing processes to independently evaluate and improve their ability to communicate effectively.
Speech/Forensics I, II, & III*	23.04600		9-12		Speech/Forensics I is a detailed study of forensic speaking, including but not limited to extemporaneous speaking, oration, literary interpretation, and debate. There is an emphasis on understanding various forensic speaking formats and the importance of applying analytical reasoning, research, and presentation/delivery skills. Critical thinking is a major component of this course.
Mythology*	23.02100		9-12	None	Mythology introduces the importance of myths and tales of classical mythology, focusing on a comparative study of plot, characters, themes, and figurative devices. The course emphasizes the following: critical and analytical skills, vocabulary development, composition, and a study of the influences of Greek, Roman, and Norse word origins on the English language and literature. The study of the relationship between people and their societies is a major emphasis, along with the impact of mythology on the literary world. Exploration through media literacy and viewing will be a focus in this course.

Mathematics					
Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
GSE Foundations of Algebra*	27.0481		9	Math 8	Foundations of Algebra is a first-year high school mathematics course option for students who have completed mathematics in grades 6 – 8 yet will need substantial support to bolster success in high school mathematics. The course is aimed at students who have reported low standardized test performance in prior grades and/or have demonstrated significant difficulties in previous mathematics classes. <i>Note: College-intending students will still need to earn a fourth mathematics credit above this course.</i>
Algebra: Concepts and Connections*	27.0811001	27.0811002	9	Math 8	This course is designed as the first course in a three-course series. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, slope, satellite, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.
Honors Algebra: Concepts and Connections*	27.0811041	27.2811042	9	Math 8 Teacher Recommendation	This course is designed as the first course in an advanced three-course series. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, slope, satellite, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.
Geometry: Concepts and Connections*	27.0821001	27.0821002	10	Algebra: Concepts and Connections	This course is designed as the second course in a three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.
Honors Geometry: Concepts and Connections*	27.0821041	27.0821042	10	Algebra: Concepts and Connections	This course is designed as the second course in an advanced three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.
Advanced Algebra: Concepts and Connections*	27.0831001	27.0831002	11	Geometry: Concepts and Connections	This course is designed as the third course in a three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing

					and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.
Honors Advanced Algebra: Concepts and Connections*	27.0831041	27.0831042	11	Geometry: Concepts and Connections	This course is designed as the third course in an advanced three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.
Advanced Financial Algebra**	27.08430		11-12	Advanced Algebra: Concepts and Connections	Advanced Financial Algebra is a fourth-year mathematics course option designed for students who have successfully completed Advanced Algebra: Concepts and Connections. The course extends and deepens student understanding of algebra, statistics, and research design while introducing students to relevant financial and business applications. Students will create, apply, and interpret a wide variety of algebraic function-models to aid in real-world decision making. Statistical research and analysis will be used to determine the efficacy of model applications and further assist in exploring scenarios with financial implications. Financial contexts for these mathematical concepts will include business operations and optimization, tax considerations, insurance and risk management, banking services, budget creation, loan and credit analysis, investment strategies and retirement plans, stock market performance, real estate fundamentals, and automobile ownership. Prerequisites: This course is designed for students who have successfully completed Advanced Algebra: Concepts and Connections.
Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections**	27.0931051	27.0931052	11	Geometry: Concepts & Connections	Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections is a course that thoughtfully blends topics from Advanced Algebra: Concepts & Connections and Precalculus. This is a single credit course, intended to provide students the opportunity to develop a deeper understanding of mathematical concepts that are critical to the study of advanced fourth mathematics course options, including Calculus. Students will continue to enhance their understanding of data and statistical reasoning, functional and graphical reasoning, patterning and algebraic reasoning, and geometric and spatial reasoning. There should be an emphasis on notational fluency and the use of multiple representations as students engage with all topics. Some of those topics include, sequences and series with the incorporation of convergence and divergence; conic sections as implicitly defined curves; the six trigonometric functions and their inverses; applications of trigonometry such as modeling periodic phenomena, modeling with vectors and parametric equations, solving oblique triangles in contextual situations, graphing in the Polar Plane; solutions of trigonometric equations in a variety of contexts; and the manipulation and application of trigonometric identities. In previous courses, students studied how to use linear and quadratic functions to model real-life phenomena. In the Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections course, students will further develop their algebraic, functional, and graphical reasoning as they explore and analyze structures and patterns for exponential, logarithmic, radical, polynomial,

					piecewise and rational expressions, equations, and functions to further understand the world around them. Topics should be analyzed in multiple ways, including verbal and written, numerical, algebraic, and graphical presentations. Instruction and assessment should include the appropriate use of technology. Concepts should be investigated and applied, where appropriate, within the context of realistic phenomena. Prerequisite: This course is designed for students who have successfully completed Geometry: Concepts & Connections.
Precalculus*	27.0841001	27.0841002	12	Advanced Algebra: Concepts and Connections	The course provides students with the opportunity to develop a deeper understanding of concepts in Algebra that are critical to the study of Calculus as well as an understanding of trigonometry and its applications. Throughout the course there will be a focus on notational fluency and the use of multiple representations. The course includes the study and analysis of piecewise and rational functions; limits and continuity as related to piecewise and rational functions; sequences and series with the incorporation of convergence and divergence; conic sections as implicitly defined curves; the six trigonometric functions and their inverses; applications of trigonometry such as modeling periodic phenomena, modeling with vectors and parametric equations, solving oblique triangles in contextual situations, graphing in the Polar Plane; solutions of trigonometric equations in a variety of contexts; and the manipulation and application of trigonometric identities.
AP Precalculus**	27.0741001	27.0741002	11 or 12	Advanced Algebra Honors: Concepts and Connections	The course centers on functions modeling dynamic phenomena. Students also learn that functions and their compositions, inverses, and transformations are understood through graphical, numerical, analytical, and verbal representations, which reveal different attributes of the functions and are useful for solving problems in mathematical and applied contexts. In turn, the skills learned in this course are widely applicable to situations that involve quantitative reasoning. Students learn that a function is a mathematical relation that maps a set of input values—the domain—to a set of output values—the range—such that each input value is uniquely mapped to an output value. Students understand functions and their graphs as embodying dynamic covariation of quantities, a key idea in preparing for calculus. With each function type, students develop and validate function models based on the characteristics of a bivariate data set, characteristics of covarying quantities and their relative rates of change, or a set of characteristics such as zeros, asymptotes, and extrema. This type of understanding helps students to engage with both familiar and novel contexts. See Precalculus course description above for additional topics.

Calculus**	27.0780001	27.0810002	12	Precalculus and Teacher Recommendation	The course provides students with the opportunity to develop an understanding of the derivative and its applications as well as the integral and its applications. Throughout the course there will be a focus on notational fluency and the use of multiple representations. The course includes the study and analysis of limits and continuity as applied to a variety of functions; the derivative as related to limits and continuity; various derivative rules such as product, quotient, and chain; applications of the derivative including curve analysis, applied max/min situations, related rate problems, and use of Mean Value Theorem; the definite integral as a limit of Riemann sums; properties of definite integrals; the Fundamental Theorem of Calculus as it relates derivatives and integrals; techniques of integration including u-substitution; and applications of the integral including solving separable differential equations, finding a particular solution curve given an initial condition, area between curves on a coordinate plane, and average value situations.
AP Calculus AB**	27.0720001	27.0720002	11-12	AP Precalculus and Teacher recommendation	Topics in AP Calculus AB include limits and their properties; derivatives and differentiation applications; anti-derivatives and indefinite integration; area and definite integrals; integration by substitution; the trapezoidal rule; logarithmic, exponential, and other transcendental functions; applications and methods of integration; miscellaneous topics in Calculus AB. This course is equivalent to a college-level Calculus I course.
AP Calculus BC**	27.0730001	27.0730002	11-12	AP Precalculus and Teacher Recommendation	Topics in AP Calculus BC include all topics from AP Calculus AB as well as applications of integration involving work and arc length; parametric equations; analysis of acceleration and velocity vectors; applications of slope fields to differential equations; analysis of geometric, harmonic, p-series and alternating series; and approximations of polynomials with Taylor and Maclaurin series. This course is equivalent to college-level Calculus I and Calculus II courses.
AP Statistics**	27.0740001	27.0740002	11-12	Precalculus	Topics in AP Statistics include introduction to statistics; descriptive statistics; probability; probability distributions; normal probability distributions; estimates and sample size; hypotheses testing; inferences from two samples; correlation and regression; multinomial experiments; analysis of variance; statistical process control; nonparametric statistics; design and sampling. Students are required to do a fair amount of reading and are expected to use the textbook as a primary source of information. Likewise, there is a major emphasis on writing rather than algebraic manipulation. This course is equivalent to introductory college-level Statistics
Statistical Reasoning**	27.08800		11-12	Advanced Algebra: Concepts and Connections	The Statistical Reasoning course offers students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical investigative questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question. The Mathematical Modeling and Statistical Reasoning Frameworks will provide the foundation for instruction and assessment. Topics should be introduced and assessed using simulations and appropriate supporting technology. Prerequisite: This course is designed for students who have completed Advanced Algebra: Concepts and Connections.

Science					
Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
Biology*	26.0120001	26.0120002	9-10	None	This curriculum includes abstract concepts such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, and biological evolution. Students investigate biological concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include: classification, the characteristics of science, structure and function of the six kingdoms, matter-energy relationships, DNA/RNA, homeostasis, Heredity, ecosystems, and biological evolution.
Biology Honors*	26.0120041	26.0120042	9-10	Teacher Recommendation	This curriculum includes abstract concepts such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, and biological evolution. Students investigate biological concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include: classification, the characteristics of science, structure and function of the six kingdoms, matter-energy relationships, DNA/RNA, homeostasis, Heredity, ecosystems, and biological evolution. There is a heavier focus on understanding concepts and data analysis in preparation for advanced sciences.
Physical Science*	40.0110001	40.0110002	9-11	None	This course is designed as a survey course of chemistry and physics. This curriculum includes the abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include: classifications of matter, atomic theory/configuration, periodicity, bonding/nomenclature, chemical reactions, Law of conservation of matter, solutions, acid/base chemistry, phase changes, Laws of motion and forces, energy transformation, electrical/magnetic forces, and wave properties.
Chemistry**	40.0510001	40.0510002	10-11	Teacher Recommendation	This curriculum includes abstract concepts such as the structure of atoms, structure and properties of matter, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include: classifications of matter, atomic theory/configuration, periodicity, bonding/nomenclature, chemical reactions, Law of conservation of matter, empirical/molecular formulae, stoichiometry, kinetic molecular theory/phase changes, gas laws, solutions/concentrations, acid/base chemistry.

Honors Chemistry**	40.0510041	40.0510042	10-11	Teacher Recommendation	This curriculum includes abstract concepts such as the structure of atoms, structure and properties of matter, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include: classifications of matter, atomic theory/configuration, periodicity, bonding/nomenclature, chemical reactions, Law of conservation of matter, empirical/molecular formulae, stoichiometry, kinetic molecular theory/phase changes, gas laws, solutions/concentrations, acid/base chemistry. There is a heavier focus on understanding concepts and data analysis in preparation for advanced sciences.
Physics**	40.0810001	40.0810002	11-12	Teacher Recommendation	This curriculum includes abstract concepts such as interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. Students investigate physics concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include kinematics, energy and its transformations, Electricity, magnetism, wave properties.
Honors Physics**	40.0810041	40.0810042	11-12	Teacher Recommendation	This advanced curriculum includes abstract concepts such as interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. Students investigate physics concepts through experience in laboratories and field work using the processes of inquiry. Major concepts and skills include kinematics, energy and its transformations, Electricity, magnetism, wave properties.
Human Anatomy & Physiology**	26.0730001	26.0730002	11-12	Biology & Chemistry	The human anatomy and physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body, however rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction should focus on the essential requirements for life. Areas of study include organization of the body. Whenever possible, careers related to medicine, research, healthcare and modern medical technology should be emphasized throughout the curriculum. Case studies concerning diseases, disorders and ailments (i.e. real-life applications) should be emphasized.
Honors Human Anatomy & Physiology**	26.0730041	26.0730042	11-12	Biology & Chemistry	The sciences of anatomy and physiology are the foundation for understanding the structures and functions of the human body. Students will investigate how the body constantly regulates its internal environment and how the various individual systems that compose the human body cooperate with one another to maintain the health of the body as a whole. Areas of study include the organization of the body, protection, support and movement, providing internal coordination and regulation, processing and transporting, and reproduction, growth, and development. Students will also establish a basic vocabulary that allows them to speak about the body in a way that is understood by scientists and health care professionals alike.

Environmental Science*	26.0611001	26.0611002	9-12	None	Environmental science is an interdisciplinary course of how nature works and how things in nature are interconnected. The following themes are central to the study of environmental science: sustainability; natural resources; natural resource degradation; solutions to environmental problems; tradeoffs in finding acceptable solutions; the importance of individual actions in implementing solutions; and sound science. Areas of study include the interconnection of all life, the flow of energy and cycling of matter, the stability and change in an ecosystem, conservation and resource allocation, and the evaluation of human activity and technology on the environment.
Earth Systems*	40.0640001	40.0640002	11-12	Biology & Physical Science/Chemistry	This course develops the explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on Earth. Instruction should focus on inquiry and development of scientific explanations, rather than mere descriptions of phenomena. Case studies, laboratory exercises, maps, and data analysis should be integrated into units. Special attention should be paid to topics of current interest (e.g., recent earthquakes, tsunamis, global warming, price of resources) and to potential careers in the geosciences. Major Concepts/Skills: Earth origin, composition, and structure, Plate tectonics and the rock cycle, Landscape evolution, Geologic hazards, Sedimentary environments, Geologic time and correlation, Earth and life history, Life-environment relationships, Hydrologic cycle, Insolation and global heat distribution, Weather and climate, Matter/energy cycles, Mineral and fossil fuel resources.
Astronomy**	40.0210001	40.0210002	12	None	This course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system. The course gives a description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, stars, the Milky Way and other galaxies, black holes to more esoteric questions concerning the origin of the universe and its evolution and fate. Although largely descriptive, the course will occasionally require the use of sophomore-high level mathematics. Laboratory exercises include experiments in light properties, measurement of radiation from celestial sources, and observations at local observatories and/or planetariums.
AP Biology**	26.0140001	26.0140002	9-12	9 th - HS Physical Science & Algebra 10 th - 12 th - Biology & Chemistry	Students should have successfully completed Biology and Chemistry. The course is based on four Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about living organisms and biological systems. The following are Big Ideas: <ul style="list-style-type: none"> • The process of evolution explains the diversity and unity of life. • Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.

					<ul style="list-style-type: none"> • Living systems store, retrieve, transmit, and respond to information essential to life processes. • Biological systems interact, and these systems and their interactions possess complex properties. Twenty-five percent of instructional time is devoted to hands-on laboratory work with an emphasis on inquiry-based investigations. Investigations require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.
AP Research – Life Science**	26.0660051	26.0660051	11-12	AP Seminar must be taken before AP Research	AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.
AP Chemistry**	40.0530001	40.0530002	11-12	Chemistry & Algebra II	<p>The key concepts and related content that define the AP Chemistry course and exam are organized around underlying principles called the Big Ideas. They encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the particulate nature of matter underlying the observations students make about the physical world. The following are Big Ideas:</p> <ul style="list-style-type: none"> • The chemical elements are the building blocks of matter, which can be understood in terms of the arrangements of atoms. • Chemical and physical properties of materials can be explained by the structure and the arrangement of atoms, ions, or molecules and the forces between them. • Changes in matter involve the rearrangement and/or reorganization of atoms and/or the transfer of electrons. • Rates of chemical reactions are determined by details of the molecular collisions. • The laws of thermodynamics describe the essential role of energy and explain and predict the direction of changes in matter. • Bonds or attractions that can be formed can be broken. These two processes are in constant competition, sensitive to initial conditions and external forces or changes. <p>Twenty-five percent of instructional time is devoted to inquiry-based laboratory investigations. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.</p>

AP Environmental Science**	26.0620001	26.0620002	10-12	Biology & Teacher Recommendation	<p>The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. There are several unifying themes that cut across topics. The following are course themes:</p> <ul style="list-style-type: none"> • Energy conversions underlie all ecological processes. • The Earth itself is one interconnected system. • Environmental problems have a cultural and social context • Human survival depends on developing practices that will achieve sustainable systems. <p>Twenty-five percent of instructional time is devoted to inquiry-based laboratory investigations. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.</p>
AP Physics I**	40.0831001	40.0831002	11-12	Geometry & be concurrently taking Algebra II or an equivalent course.	<p>AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. The following are Big Ideas:</p> <ul style="list-style-type: none"> • Objects and systems have properties such as mass and charge. Systems may have internal structures. • Fields existing in space can be used to explain interactions. • The interactions of an object with other objects can be described by force. • Interactions between systems can result in changes in those systems. • Changes that occur as a result of interactions are constrained by conservation laws.

					<ul style="list-style-type: none"> Waves can transfer energy and momentum from one location to another without the permanent transfer of mass
AP Physics C: Mechanics**	40.0841011	40.0841012	11-12	Calculus	<p>AP Physics C: Mechanics is equivalent to a one-semester, calculus based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton’s laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. The AP Physics C: Mechanics course applies both differential and integral calculus and provides instruction in each of the following six content areas:</p> <ul style="list-style-type: none"> Kinematics Newton’s laws of motion Work, energy and power Systems of particles and linear momentum Circular motion and rotation Oscillations and gravitation <p>AP Physics C: Mechanics should include a hands-on laboratory component comparable to a semester-long introductory college level physics laboratory. Students should spend a minimum of 20 percent of instructional time engaged in hands-on laboratory work. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. Each student should complete a lab notebook or portfolio of lab reports.</p>
AP Physics C: Electricity**	N/A	40.0842002	11-12	AP Physics C: Mechanics	<p>AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.</p>
Zoology**	26.07100		11-12		<p>In this course, students will recognize key features of the major body plans that have evolved in animals and how those body plans have changed over time resulting in the diversity of animals that are evident today. In addition to classification and recognition, this course teaches students about the anatomical and physiological characteristics of animals. These characteristics relate to how an animal functions and can help students see the connections uniting particular animal groups. An understanding of form and function allows students to study how animals have evolved over time and to relate animals to their particular role in an ecosystem. Finally, students will develop an understanding that all living things are interconnected. Students should realize that the worldwide activities of humans can contribute to animal diversity both positively and negatively. It should also be understood that humans are</p>

					dependent on animal species for advances in medicine, ecosystem maintenance, and food supply. Investigations include comparative studies done during laboratory observations and dissections.
Forensic Science**	40.09300		11-12		In this course students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.
Advanced Genetics/DNA Research**	26.06400		11-12		<p>Advanced DNA & Genetics is an upper-level science course designed for students seeking an in-depth, research-based exploration of genetics, molecular biology, and biotechnology. The course focuses on the structure, function, and regulation of DNA and the biotechnological tools used to analyze and manipulate genetic material in medical, agricultural, forensic, and research settings. Topics include DNA replication, transcription and translation, gene regulation, mutations, inheritance patterns, population genetics, and emerging genetic and biotechnological technologies.</p> <p>In this course, students will engage in authentic scientific research practices, including experimental design, data collection, statistical analysis, and scientific communication. Laboratory and research experiences may include DNA extraction, PCR simulation, gel electrophoresis, restriction enzyme analysis, genetic data interpretation, and case studies involving genetic disorders and bioethical considerations. Students will develop the ability to read and evaluate scientific literature, analyze complex data sets, and construct evidence-based explanations. This course provides strong preparation for advanced STEM coursework and careers in genetics, biotechnology, medicine, and related research fields.</p>

Social Studies					
Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
AP U.S. Government and Politics**	45.0520001	45.0520002	12	Teacher Recommendation	The AP course in U.S. Government and Politics is a year-long course. It is designed to assist students in becoming knowledgeable about the Constitution, the varied political beliefs and behaviors which shape U.S. government, the role of political parties and interest groups, the organization and power of Congress, the president, the bureaucracy, the federal courts, and the development of civil rights and liberties. Students will expand their knowledge by participating in moot courts, mock trials, debates, panel discussions, current issues discussions, and mock elections. In order for a student to be successful in this class, he/she should possess these specific skills: ability to read college level texts independently; ability to critically analyze written materials; ability to take notes and move rapidly through material; ability to work independently outside of class with disciplined work habits; ability to recognize new ideas and perspectives, with a willingness to learn about and respect differences of opinion. Outside

					commitments: reading and completing study guide materials 4-5 nights a week. Additional performance tasks will require reading and research. This class is comparable to an introductory college political science course and satisfies the state of Georgia American Government graduation requirement.
AP Human Geography**	45.0770001	45.0770002	9-12	Teacher Recommendation	Human Geography is a branch of geography that deals with the way humans interact with their environment. We will study demographics, migration, linguistics, religion, political geography, urbanization, and industrialization. Specific skills for success: above average reading ability and above average writing skills. Outside commitments: vocabulary quizzes and bi-weekly map quizzes in addition to nightly textbook reading. This is an elective course that is equivalent to a college course and will be more rigorous than a middle school TAG course or a high school honors course.
World History*	45.0830001	45.0830002	10	None	The high school world history course provides students with a comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change and continuity and globalization at the beginning of the 21st century. Topics include prehistoric culture, ancient civilizations, classical civilizations, the medieval world, the Age of Exploration, Enlightenment, French Revolution, decline of colonial empires in America, Industrial Revolution, nationalism and imperialism, totalitarianism, WWI, WWII, and the modern world.
Honors World History*	45.0830041	45.0830042	10	None	The high school world history course provides students with an advanced, comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change and continuity and globalization at the beginning of the 21st century. Topics include prehistoric culture, ancient civilizations, classical civilizations, the medieval world, the Age of Exploration, Enlightenment, French Revolution, decline of colonial empires in America, Industrial Revolution, nationalism and imperialism, totalitarianism, WWI, WWII, and the modern world.
AP World History**	45.0811001	45.0811002	10	Teacher Recommendation	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. Strong analysis and writing skills are recommended.
U.S. History*	45.0810001	45.0810002	11	None	The high school United States history course provides students with a comprehensive, intensive study of major events and themes in United States history. Beginning with early European colonization, the course examines major events and themes throughout United States history. The course concludes with significant developments in the early 21st century. Topics include colonization, the revolutionary and colonial eras, manifest destiny, Civil War and reconstruction, urbanization and Industrialism, progressive era, imperialism, WWI & WWII, The Cold War, Vietnam, and the Decades of 1950 – 2000.
Honors U.S. History*	45.0810041	45.0810042	11	None	The high school United States history course provides students with a comprehensive, intensive study of major events and themes in United States history. Beginning with early European colonization, the course examines major events and themes throughout United States history. The course concludes with significant developments in the early 21st century. Topics include colonization, the revolutionary and colonial eras, manifest destiny, Civil War and reconstruction, urbanization and Industrialism, progressive era, imperialism, WWI & WWII, The Cold War, Vietnam, and the Decades of 1950 – 2000.
AP U.S. History**	45.0820001	45.0820002	11	Teacher Recommendation	In AP U.S. History, students investigate significant events, individuals, developments, and processes in 9 historical periods from 1491 to present. Students develop and use the same skills and methods employed by historians: analyzing primary/secondary sources, developing historical arguments; making historical connections; and utilizing reasoning about comparison causation, and continuity & change over time. The course also provides 8 themes that students explore throughout to make connections among historical developments in different times and places. APUSH is equivalent to a two-semester college seminar course in U.S. History. Students should be able to read, critically think, and write at the college level; as well as possess the organizational and study skills expected at the college-level. Students should also consider their entire course load when choosing classes, to ensure balance in their schedule.
Sociology* (Semester-Long) *Paired with Psychology	45.0310001		10-12	None	This is an academic elective course. The emphasis of Sociology is to show the complexity of social life with its inter-connections between social events and conditions. Topics will include culture and socialization, the institutional structure of society, stratification and race relations and understanding social change. The course will also cover social problems in the U.S. and how they affect the individual and society as a whole. Crime, poverty, race, and ethnic relations will be studied as well.

AP Psychology** <i>(Year-Long)</i>	45.0160001	45.0160002	11-12	Teacher Recommendation	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.
Psychology* <i>(Semester-Long)</i> <i>*Paired with Sociology</i>	45.0150001		10-12	None	This course is an introductory study in psychology, the scientific study of behavior and mental processes. It is a unique science that often necessitates the use of special measurements and research methods. The course has four sections: psychological foundations and research, biological foundations, change in behavior and cognition, and variability of behavior among individuals and groups.
Personal Finance & Economics* <i>(Semester-Long)</i>	45.0610001		12	U.S. History	In addition to the fundamentals of economic decision-making, microeconomics, macroeconomics, and international economics, students will learn personal finance skills they can apply to their own futures – including managing and balancing budgets; understanding and building credit; protecting against identity theft and consumer protections; and understanding tax forms, student loan applications, and pay stubs. Economics is the study of how individuals, businesses, and governments make decisions about the allocation of scarce resources. This course provides students with a foundation in the field of economics, with a specific focus on how students can apply that knowledge to their own personal finances.
AP Macroeconomics** <i>(Semester-Long)</i>	45.0620001		12	U.S. History & Teacher Recommendation	AP Macroeconomics is a semester-long introductory college-level course focusing on the principles that apply to an economic system. 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. Extensive math skills are not required; however, students must learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. In order for a student to be successful in this class, he/she should possess these specific skills: ability to read college level texts independently; ability to critically analyze graphs; ability to take notes and move rapidly through material; ability to work independently outside of class with disciplined work habits. This semester-long course will prepare students for the AP Macroeconomics exam in May and also satisfies the Georgia graduation requirement for Economics.

AP Microeconomics** <i>(Semester-Long)</i>	45.0630001	12	U.S. History & Teacher Recommendation	<p>AP Microeconomics is a fast paced, semester-long, college-level course that focuses on the decision making of individuals and businesses. In this semester-long course, students will study a variety of economic theories and analyze their practical application in the real world. Microeconomics focuses on the supply and demand for products, the labor markets, and the role competition plays in a free market system. Extensive math skills are not required; however, students must learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. For a student to be successful in this class, he/she should possess these specific skills: ability to read college level texts independently; ability to critically analyze graphs; ability to take notes and move rapidly through material; ability to work independently outside of class with disciplined work habits. AP Micro is comparable to an introductory college microeconomics course and will prepare students for the AP Microeconomics exams in May. This course also satisfies the Georgia graduation requirement for Economics.</p>
American Government/Civics* <i>(Semester-Long)</i>	45.0570001	12	None	<p>The state-mandated American Government course provides students with a background in the philosophy, functions, and structure of the United States government. Students examine the philosophical foundations of the United States government and how that philosophy developed. Students also examine the structure and function of the United States government and its relationship to states and citizens. The course will cover U.S. constitutional principles, the branches of the federal government, factors influencing the political process, the role of the media and political parties, civil rights and responsibilities, and the United States' role in foreign policy. Students will construct and evaluate arguments, use documents, political cartoons, charts/graphs, and primary source data to analyze points of view, analyze and interpret information, evaluate government at the state and local levels, and use current events to reinforce their learning of American Government.</p>
AP U.S. Government & Politics** <i>(fulfills the graduation requirement for American Government)</i>	45.0520001	12	Teacher Recommendation	<p>The AP course in U.S. Government and Politics is a semester-long course. It is designed to assist students in becoming knowledgeable about the Constitution, the varied political beliefs and behaviors which shape U.S. government, the role of political parties and interest groups, the organization and powers of Congress, the president, the bureaucracy, the federal courts, and the development of civil rights and liberties. Students will learn about precedent setting Supreme Court cases, read, analyze, and interpret foundational documents, learn how to read, analyze, and interpret charts, graphs, political cartoons and document excerpts, may participate in simulations and debates, read and analyze current issues, take notes from lectures, and answer multiple choice and free response questions. In order for a student to be successful in this class, he/she should possess these skills: ability to read college level texts independently; ability to critically analyze written works; ability to take notes and move rapidly through material; ability to work independently outside of class with disciplined work habits; ability to recognize perspectives, with a willingness to learn about and respect differences of opinion. Outside commitments:</p>

				reading and completing study guide materials 4-5 nights a week, working approximately 45 minutes - one hour a night; complete a civic action project; additional performance tasks that will require reading and research. This class is comparable to an introductory college political science course and satisfies the state of Georgia American Government graduation requirement.
AP European History**	45.08400	11-12		Advanced Placement (AP) courses and their instructional frameworks and curriculum are solely owned and endorsed by the College Board. The contents of these courses have not been reviewed or approved by the Georgia Department of Education. As with any curriculum, school districts should use a process for reviewing, approving, and adopting AP courses and instructional frameworks that engages students, parents, educators, and community stakeholders. Curricula and training should abide by state and local policies, including House Bill 1084 – which requires that the curriculum of exempted AP courses be implemented in a professionally and academically appropriate manner and without espousing personal political beliefs.
US History Through Film* (semester-long)	45.0812001	9-12	None	Movies throughout the age of film have sought to entertain and teach. This course will investigate and evaluate films about American History based on their accuracy and their role as historical evidence. A major goal of this course is determining what is valid in contemporary films and historical dramas and what these films say about the people who create them, the politics behind their creation, and how they reflect the values, ideas, and larger historical issues of the times in which they were created. Students in this course will 1) view movies on various topics, 2) participate in discussion about the values and limitations of film in conveying history, and 3) write essays comparing film evidence to information in more traditional sources, such as articles, textbooks, and critical commentaries, 4) and compare multiple films on the same topic to examine different points of view. <u>Some of the films viewed in this course will be rated “R”. Parental permission is required to take this course.</u>
Peer Leadership*	45.05900	9-12		This course is designed to develop and improve the leadership skills each person possesses. Areas from goal setting to team building to personal relations to problem solving will be covered. Learn what leadership is all about by learning about your leadership style, developing goal setting skills, communication skills, decision making skills, teamwork and much more. You will develop your leadership skills further by studying time and stress management, parliamentary procedure, peer pressure, self-confidence, assertiveness and a positive attitude. Students will work with leadership projects within the school district and the community including Peer Tutoring and Peer Mentoring @ CHS. See Ms. Angela Pannell for questions: Angela.Pannell@cherokeek12.net

Anthropology*	45.02100	9-12		Investigates humans from prehistory to the present. Focuses on aspects of human development, humanity and its social adaptations, biological development and cultural adaptations. Integrates and reinforces social studies skills.
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World Language					
Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
French I*	60.0110001	60.0110002	9-12	None	Sound systems, French alphabet, familiar words and phrases, greetings, family and friends, numbers and time, dates, weather/seasons, food/meals, city life, shopping, leisure, and culture.
French II**	60.0120001	60.0120002	9-12	French 1	School and class routines, family and relations, self and daily routines, clothing, body parts, shopping, money, banking, directions, community sites, food, meals, transportation, holidays, vacations.
French II Honors**	60.0120041	60.0120042	9-12	French 1, Teacher Recommendation	In-depth study of all topics in French 2 with heavy emphasis on listening and speaking proficiency with additional authentic francophone sources; beginning preparation for AP French.
French III Honors**	60.0130041	60.0130042	10-12	French 2, Teacher Recommendation	In-depth study of all topics in French 3 with heavy emphasis on listening and speaking proficiency with additional authentic francophone sources; continuing preparation for AP French.
French IV Honors**	60.0140041	60.0140042	11-12	French 3, Teacher Recommendation	Intense development of communicative, cultural, and advanced grammatical competence; final preparation for AP French; near-exclusive use of French in class.
AP French Language and Culture**	60.0170001	60.0170002	11-12	French 3, Teacher Recommendation	College-level course that provides intense preparation for the AP Language and Culture exam using authentic francophone sources; in-depth reading, writing, speaking, and listening on themes of global challenges, science and technology, contemporary life, families and communities, identities, and beauty; exclusive use of French in class.
Spanish I*	60.0710001	60.0710002	9-12	None	Numbers, weather, colors, celebrations, family, routines, self, school, clothing, shopping, food, transportation, body parts, health/emotions, animals, leisure time, sports, geography.
Spanish II**	60.0720001	60.0720002	9-12	Spanish I	Leisure time, travel, food/restaurants, fine arts, news, childhood experiences, family, celebrations, daily routines, beach, chores, and health; Spanish-speaking countries and Latino culture in the U.S.
Spanish II Honors**	60.0720041	60.0720042	9-12	Spanish I	In-depth study of all topics in Spanish 2 with heavy emphasis on listening and speaking proficiency with

				Teacher Recommendation	additional authentic Spanish-language sources; beginning preparation for AP Spanish.
Spanish III**	60.0730001	60.0730002	10-12	Spanish 2	Vacations and hobbies, health and diet, urban life and culture, music, geography and politics, clothing, celebrations, household, environment, occupations, and fashion; Spanish- speaking countries and Latino culture in the U.S.
Spanish III Honors**	60.0730041	60.0730042	10-12	Teacher Recommendation	In-depth study of all topics in Spanish 3 with heavy emphasis on listening and speaking proficiency with additional authentic Spanish-language sources; continuing preparation for AP Spanish.
Spanish IV Honors**	60.0740041	60.0740042	11-12	Teacher Recommendation	Intense development of communicative, cultural, and advanced grammatical competence; final preparation for AP Spanish; near-exclusive use of Spanish in class.
Spanish AP Language and Culture**	60.0770001	60.0770002	12	Teacher Recommendation	College-level course that provides intense preparation for the AP Language and Culture exam using authentic Spanish- language sources; in-depth reading, speaking, and listening on themes of global challenges, science and technology, contemporary life, families and communities, identities, and beauty; exclusive use of Spanish in class
Spanish Native Speaker II**	60.0791001	60.0791002	9-12	NS Placement test or MS/HS Spanish 1	In this intermediate-level course, students will engage in the exchange of a variety of oral and written information and ideas in Spanish on topics related to contemporary events and issues, utilizing cultural references where appropriate. They will initiate, sustain, and close oral and written exchanges in Spanish, applying familiar vocabulary and structures to new and complex situations. Students will participate in extended oral and written activities using advanced tenses and discourse structures. They will comprehend spoken and written language on new and familiar topics presented through a variety of media in Spanish, including authentic materials. Additionally, students will investigate the similarities and differences that exist within and among Spanish-speaking cultures and expand their knowledge of the English language through the study and analysis of the Spanish language.

Spanish Native Speaker III**	60.0720041	60.0792002	9-12	Spanish Native speaker II	<p>In this advanced-level course, students will engage in the exchange of a variety of oral and written information and ideas in Spanish on topics related to contemporary events and issues, utilizing cultural references where appropriate. They will initiate, sustain, and close oral and written exchanges in Spanish, applying familiar vocabulary and structures to new and complex situations. Students will participate in extended oral and written activities using advanced tenses and discourse structures, addressing the nuances of the language. They will comprehend spoken and written language on new and familiar topics presented through a variety of media in Spanish, including authentic materials. Additionally, students will investigate the similarities and differences that exist within and among Spanish-speaking cultures and expand their knowledge of the English language through the study and analysis of the Spanish language. Students in this class may be candidates for the AP Spanish language classes.</p>
American Sign Language I*	64.03100		9-12	None	<p>Introduction to basic knowledge about sign communication and deafness. Emphasis is placed upon acquisition of comprehension and production skills, knowledge of the Deaf community, and the development of cultural awareness.</p>
American Sign Language II**	64.03200		9-12	ASL I	<p>Enhances Level I American Sign Language (ASL) skills and continues to develop receptive and expressive signing skills. Components include the study of communication, Deaf culture, connections with other disciplines, comparisons with the student's first language, and potential for involvement in the Deaf community.</p>

American Sign Language III**	64.03300		10-12	ASL I ASL II	Enhances Level II American Sign Language (ASL) skills. This course is designed to increase receptive and expressive sign language skills. Expands all ASL II concepts and understanding of the complexities within the language.
Advanced Workplace Spanish**	60.07150		9-12		Students learn advanced vocabulary and phrases related to the work environment in such concerns as work safety, security, and simple directions appropriate to communicating with employees whose first language is Spanish. Advanced emphasis is placed on industry-related vocabulary and speaking and listening applications in the workplace, especially as a means of effecting better functional cross- communication between English and Spanish speakers.

Health & Physical Education

Course Title	Course #	Grade(s)	Prerequisite(s)	Course Description
Health <i>(Required course for graduation)</i>	17.0110001	9-12	None	Wellness concepts, human sexuality, State ADAP requirements, CPR training, first aid procedures, safety practices, and responsibility for health decisions are all discussed. Course is required to graduate high school.
Personal Fitness <i>(Required course for graduation)</i>	36.0510001	9-12	None	This course helps students develop a physical fitness program. Students are introduced to the concepts of stress management, weight training and conditioning, and proper nutrition. Progress toward individual fitness goals is measured throughout the semester. This course is required to graduate high school.
Intro to Team Sports	36.02100	9-12	None	This course will spend one day covering the rules and basic fundamentals, then two days playing a variety of sports. The sports that will be covered in this class are basketball, flag football, ultimate frisbee, softball, kickball, soccer, pickle ball, table tennis, badminton, and volleyball.
Intro to Lifetime Sports	36.02200	9-12	None	Introduces fundamental skills, strategies, and rules associated with lifetime sports such as bowling, golf, tennis, racquetball, baseball, badminton, roller skating, and skiing.
General PE I, II, III, & IV (Weight Training)	36.0540001	9-12	None	Weight training and conditioning introduces correct lifting form, emphasizes safety practices, and presents a variety of exercises. Individual weight training programs are designed and followed throughout the course.
Physical Conditioning	36.05200	9-12	None	Provides opportunities to participate in a variety of activities to enhance flexibility, muscular strength and endurance, cardiovascular endurance and body composition. Includes fitness concepts for the development of healthy lifetime habits.

Career & Technical Education

Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
Introduction to Healthcare Science	25.52100		10-12	None	This course will enable students to receive initial exposure to 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 is the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology and basic life support. First course in Sports Medicine and Surgical Technology Pathways. ** This class does not fill the Health course requirement for graduation.
Essentials of Healthcare** <i>(This course earns 2 credits: 1 CTAE, 1 Science)</i>	25.44000		11-12	Introduction to Healthcare	Anatomy and Physiology course addressing the physiology of each body system, along with the investigation of common diseases, disorders, and emerging diseases. Second course in and Surgical Technology and Sports Medicine Pathways. This course will also count as a full Science credit for Human Anatomy/Physiology.
Sports Medicine	25.44600		12	Essentials of Healthcare	Anatomy and physiology assessment, preventative and rehabilitative care, medical terminology, kinesiology, patient assessment, record keeping, and basic life support. Third course in Sports Medicine Pathway.

Patient Care Fundamentals	25.43600		12	Essentials of Healthcare	This course is designed to provide students interested in the careers that involve patient care with entry level skills most commonly associated with the career Nursing Assistant. The students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as the Occupational Health and Safety Administration(OSHA), Center for Disease Control (CDC), and the Department of Health and Human Services(HHS) with a specific focus on the Omnibus Budget Reconciliation Act of 1987 (OBRA) and the Health Insurance Portability and Accountability Act of 1996 (HIPAA).
Basic Agriculture Science	02.47100		9-12	None	This course is designed as the foundational course 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.
General Horticulture	01.46100		9-12	Basic Agriculture	This course is designed as an introduction for the Horticulture-Plant Science Pathway Program of Study. The course introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Floral Design & Management	01.46600		10-12	General Horticulture	This laboratory course is designed to prepare students to apply systematic business procedures and design principles in the operation of a retail or wholesale floral business. Students will learn about the cut flower industry, the history of floral design, identification of flowers and foliage, design shapes, mechanics of design, everlasting flowers, and use knowledge and skills to create custom design work for special occasions.
Agriculture Leadership & Personal Development	01.0120		11-12	Floral Design & Management	Students shall become oriented to the comprehensive program of agricultural education, learn to work safely in the agriculture lab and work sites, demonstrate selected competencies in leadership through the FFA and agricultural industry organizations, and develop plans for a supervised agricultural experience program
Automotive Technology I	47.45000		9-12	None	Designed as the foundational course for the General Automotive Technology pathway. Students in this course will learn the basic skills needed to gain employment as an entry-level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician
Automotive Technology II	47.45100		10-12	Automotive Technology I	Designed as the second course for the General Automotive Technology Pathway. Students in this course will learn the basic skills needed to gain employment as an entry-level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual

					transmission and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.
Automotive Technology III	47.45200		11-12	Automotive Technology II	Designed as the third course for the General Automotive Technology Pathway. Students in this course will learn the basic skills needed to gain employment as an entry-level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual 50 transmission and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.
Automobile Service Technology Internship	47.43900		11-12	The prerequisite for Internship is the successful completion of Automotive Technologies 1 and instructor approval.	The Automobile Service Technology Internship is an elective course for all Automobile Service Technology pathways. Students have the opportunity to practice finished work and develop problem solving skills. Students practice adaptability to job equipment and technology and exhibit progressive productivity and acceptable job performance. Mastery of these standards through project-based learning and leadership development activities of the Career and Technical Student Organizations will help prepare students with a competitive edge for the Automobile Service marketplace.
Industry Fundamentals & Occupational Safety	46.54500		9-12	None	Develops basic knowledge to function safely on or around a construction site and in the industry in general and is the foundational course that prepares students for a pursuit of any career in the fields of Carpentry, Plumbing, Electrical, Masonry, Machining, or Welding. Course includes: basic content of OSHA standards, construction math, hand and power tools used in the field, general blueprints and basics of rigging safety.
Intro to Construction	46.54600		10-12	Industry Fundamentals & Occupational Safety	Students will build on their knowledge and skills developed in Occupational Safety and will be introduced to the history and traditions of the carpentry, masonry, plumbing and electrical craft trades. Course will also include knowledge of the care and safe use of hand and power tools and the differentiation between blueprints as related to each individual craft area.
Carpentry I	46.55000		11-12	Intro to Construction	Provides an overview of the building materials used in the carpentry craft. It teaches techniques for reading and using blueprints and specifications especially as related to the carpentry craft. Includes specific knowledge and skills in site layout floor and wall framing systems. Also includes the basic industry terminology for a carpentry craftsman
Electrical I	46.56000		12	Carpentry I	Builds on the concepts of electrical safety introduced in Occupational Safety; provides knowledge of the hardware and systems used by an electrical and the basic skills to install them. Also provides the knowledge and skills of: electrical systems, including series, parallel, and series-parallel circuits; the National Electrical Code; and conduit bending and installation.
Intro to Metals	48.58100		10-12	Industry Fundamentals & Occupational Safety	The metals technology curriculum, Introduction to Metals, is designed to acquaint students with the three major technical occupations (welding, sheet metal, and machining). The various activities equip high school students with the skills needed to select a metal industry occupation, enter the work force, and

					continue to advance in one of these specialized metals occupations. Experiences include an introduction to the basic requirements of each of these fields, exposure to the structure and nature of career opportunities, and an introduction to types of training and skills required and the use of specialized tools, equipment, and materials. This course is designed to familiarize students with fundamentals of various metal occupations for the purpose of preparing them to select either welding, sheet metal, or machining for more highly specialized training in subsequent courses.
Welding 1	48.55100		11-12	Intro to Metals	This course is designed to provide students with the basic knowledge and safe operating skills needed to demonstrate proper set of equipment in oxyfuel, shielded metal arc welding (SMAW), and gas metal arc welding (GMAW). The students will perform oxyfuel cuts using acetylene and propane gases. The students will select electrodes and performs welds using SMAW and GMAW to current industry standards. Welding symbols will be used to interpret detailed drawing used for fabrication. American Welding Society codes will be used to determine the soundness of welds. Minimum performance requirements for this course are based on successful student completion according to the American Welding Society (AWS) and the National Center for Construction Education and Research Center (NCCER) standards. Students who successfully complete the course in accordance with NCCER standards are eligible for registration with the NCCER National Craft Worker Registry.
Welding 2	48.45200		12	Welding 1	This course builds on foundational skills, diving deep into advanced techniques like walking the cup (TIG) , open root V-grooves (Stick/FCAW) , and RMD (MIG) for pipe/advanced positions, aiming for AWS Level II certifications (SMAW, GMAW, GTAW) and preparing students for roles as advanced pipe welders, supervisors, or inspectors, emphasizing hands-on application of codes like ASME IX and AWS D1.1.
Welding 3	48.55300		12	Welding 2	
Audio-Video Technology & Film I	10.51810		9-12	None	The foundational course in the Audio & Video Technology & Film Pathway which helps prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered include: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.
Audio-Video Technology & Film II	10.51910		10-12	Audio-Video Technology & Film I	Course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include Planning, Writing, Directing and Editing a Production; Field 39 Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics.
Audio-Video Technology & Film III	10.52010		11-12	Audio-Video Technology & Film II	This third course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production.

Broadcast Video Production & Applications	10.51410		12	Audio-Video Technology & Film III	Designed to facilitate student-led projects under the guidance of the instructor, as well as provide opportunities for students to master skills necessary to gain entry level employment or to pursue a post-secondary degree or certificate. Students work cooperatively and independently in all phases of production. Topics include advanced camera techniques, audio production, scriptwriting, producing, directing, editing, employability skills, and development of a digital portfolio to include resume', references, and production samples.
Early Childhood Education I	20.52810		9-12	None	The Early Childhood Education I course is the foundational course under the Early Childhood Care & 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. The pre-requisite for this course is advisor approval
Early Childhood Education II	20.42400		10-12	Early Childhood Education I	Early Childhood Education II is the second course in the Early Childhood Care and Education pathway and further prepares the student for employment in early childhood care and education services. The course provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses. Mastery of standards through project based learning, laboratory application, technical skills practice, and leadership development activities of the career and technical student organizations will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice when continuing their education and training.
Early Childhood Education III	20.42500		11-12	Early Childhood Education II	Early Childhood Education III is the third course in the Early Childhood Care and Education pathway and one option for program completers who may not have the opportunity of participating in the Early Childhood Education Internship. The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition. Mastery of standards through project based learning, laboratory application, technical skills practice, and leadership development activities of the career and technical student organizations will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice when continuing their education and training.

Foundations of Engineering Technology	21.42500		9-12	None	The Foundations of Engineering and Technology is the introductory course for the Engineering and Technology Education pathways. This STEM driven course provides the students with an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy. Students will demonstrate the skills and knowledge they have learned through various project based activities while using an engineering design process to successfully master the "E" in STEM.
Engineering Concepts <i>Coming 2027-2028</i>	21.47100		10-12	Foundations of Engineering Technology	Engineering Concepts is the second course in the Engineering and Technology Pathway. Students will learn to design technical solutions to engineering problems using a whole systems approach to engineering design. Students will demonstrate the application of mathematical tools, teamwork, and communications skills in solving various design challenges, while maintaining a safe work environment.
Engineering Applications <i>Coming 2027-2028</i>	21.47200		11-12	Engineering Concepts	Engineering Applications is the third course in the Engineering and Technology Pathway. Students will apply their knowledge of Science, Technology, Engineering, and Math (STEM) to develop solutions to technological problems. Solutions will be developed using a combination of engineering software and prototype production processes. Students will use market research, cost benefit analysis, and an understanding of the design cycle to create and present design, marketing, and business plans for their solutions. A capstone project will allow students to demonstrate their depth of knowledge of the engineering design process and prepare them for future opportunities in the field of engineering.
Energy and Power <i>Course no longer offered</i>	49.53800		10-12	Foundations of Energy Technologies	This is the second course is designed to allow students to develop a broad understanding of the energy industry including infrastructure, generation, transmission and distribution of nonrenewable, renewable, and inexhaustible energy sources. Energy sources will be researched to include the regional and global economic implications, environmental, and sustainability issues. Students will explore future trends of energy and power. Students will develop, through research, an alternative energy system that will demonstrate their understanding of a unique, as well as appropriate, approach to energy and power generation.
Energy System Applications <i>Course no longer offered</i>	49.53900		11-12	Energy & Power	In this course, students will continue to learn about energy and power industry fundamentals by furthering their knowledge regarding electric power generation, transmission, and distribution. In addition, the students will gain knowledge about business models, regulations, and safety within the energy industry.
Intro to Hardware Technology	11.44800		9-12	None	IHT is the foundational course for Information Support & Services, Networking, and Cybersecurity pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal lives, society, and the business world. Exposure to foundational knowledge in hardware, IT support, networks, and cybersecurity 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 acquired in this course. Various forms of technologies will be used to expose students to resources, software, and applications of technology maintenance and repair. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready.
Intro to Software Technology	11.44600		9-12	None	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 programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks
Computer Science Principles**	11.47100		10-12	Intro to Software	Engage your creativity, demonstrate and build your problem solving ability all while connecting the relevance of computer science to the society! Focuses on building a solid understanding and foundation in computer science and emphasizes the content, practices, thinking and skills central to the discipline of computer science.
AP Computer Science Principles**	11.01900		10-12	Recommendation/ Approval Intro to Software recommended	Engage your creativity, demonstrate and build your problem solving ability all while connecting the relevance of computer science to the society! Focuses on building a solid understanding and foundation in computer science and emphasizes the content, practices, thinking and skills central to the discipline of computer science. This course qualifies as the fourth science course for graduation and for college admissions, which meets the RIGOR requirement.
AP Computer Science A**	11.01600		10-12	Teacher Recommendation/ Approval AP Computer Science Principles recommended	College-level Computer Science Object-Oriented programming course with focus on the Java programming language. This is the 3rd course of the Software Technology pathway and prepares for the AP exam. This course qualifies as the fourth science course for graduation and for college admissions, which meets the RIGOR requirement.
Web Development	11.42500		10-12	Computer Science Principles	This course, with Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) as its foundation, will teach students to develop and design responsive web sites through coding, testing, debugging and implementation of web-based services. This course will also allow students to learn about content management systems, client side languages, server side languages, and database concepts. The course is designed to give students foundational knowledge of "front-end" and "back-end" development to address the presentation and data access layers of web site development.
Intro to Career Competencies	32.43000		9-12	None	This course prepares assist students in employability skills that prepare them for the workforce by developing abilities in financial literacy, communication, technology use, teamwork, workplace safety, and self-advocacy.

Career Competencies	32.43100		10-12	Intro to Career Competencies	This course continues to develop employability skills that prepare students for the workforce by developing abilities in financial literacy, communication, technology use, teamwork, workplace safety, and self-advocacy.
Advanced Career Competencies	32.43200		11-12	Career Competencies	In this course, students apply and refine employability skills gained in prior classes through real-world experiences, developing financial literacy, communication, leadership, technology proficiency, workplace safety awareness, and self-advocacy while completing career portfolios, community service projects, and Work Based Learning learning activities.
Food, Nutrition & Wellness	20.41610		9-12	None	Food, Nutrition and Wellness is designed to introduce students to the field of nutrition and wellness including major trends, issues, employment opportunities, and career paths. Areas of study include an overview of wellness, factors contributing to an individual's wellness, and the relationship of health risks, physical activity, food choices, and nutrition to wellness. Students also develop an awareness of the importance of safe food handling and storage practices.
Food for Life	20.41400		9-12	Food, Nutrition & Wellness	Food for Life is an advanced course in food and nutrition that addresses the variation in nutritional needs at specific stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including old age. The most common nutritional concerns, their relationship to food choices and health status and strategies to enhance well-being at each stage of the life cycle are emphasized. This course provides knowledge for real life and offers students a pathway into dietetics, consumer foods, and nutrition science careers with additional education at the post-secondary level.
Food Science*	20.41810		10-12	Food for Life	Food Science integrates many branches of science and relies on the application of the rapid advances in technology to expand and improve the food supply. Students will evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods. Building on information learned in Nutrition and Wellness and Chemistry, this course illustrates scientific principles in an applied context, exposing students to the wonders of the scientific world. Careers will be explored.
Introduction to Law, Public Safety, Corrections & Security	43.454000 1	43.4540002	9-10	None	This course provides students with career-focused educational opportunities LPSCS fields. It examines the basic concepts of law related to citizens' rights and responsibilities. Students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training), basic firefighting, and civil and criminal law. First course in Criminal Investigations Pathway.
Criminal Justice Essentials	43.451000 1	43.4510002	10-12	Introduction to Law, Public Safety, Corrections, and Security	An overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course ends with a mock trial to provide participants

					with a first-hand experience of the criminal justice system. This course is offered in alternate years with Criminal Investigations. Second or third course in the Criminal Investigations Pathway.
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Forensic Science & Criminal Investigations	43.45200		10-12	Criminal Justice Essentials	This course is designed to provide students with an opportunity to explore the basic processes and principles of a criminal investigation. Students will learn the legal responsibilities and challenges of the patrol officer, investigator, and crime scene technician at a crime scene. Students will learn the importance of preserving and documenting the crime scene along with the identification, collection, and processing of evidence and the contribution to the criminal investigation. This course meets fourth science requirements.	
Aerospace Science 100/200/300	28.01700/28.01300/28.01500			9-12	None	Aerospace Science 100 introduces students to the history of aviation and space exploration, including basic aeronautics and the evolution of the Air Force. Aerospace Science 200 explores the science of flight, aircraft design, human factors, and career options in aviation. Aerospace Science 300 enhances global awareness by studying cultures and technology's influence across different world regions.
Aerospace Leadership 100/200/300/400	28.01100/28.01200/28.01400/28.01600			9-12	None	Leadership Education 100 familiarizes students with AFJROTC customs while developing citizenship, character, and time management skills. Leadership Education 200 develops students' leadership, communication, and self-awareness in alignment with AFJROTC's mission. Leadership Education 300 prepares students for adulthood with practical life skills in finance, housing, and workplace readiness. Leadership Education 400 offers hands-on leadership experience by managing the cadet corps using real-world decision-making and organizational skills.
Work-Based Learning* <i>Not all WBL courses count towards HOPE GPA (depending on the course code used)</i>			Application only.	11-12		Work experience with embedded associated curriculum. Depending on the student's graduation plan, student's can have 1-3 periods of WBL on their schedule. Application must be completed to be approved for course using WBL Application. Contact Emily Henderson or Michelle Duren for questions. The application must be submitted by the DUE DATE ON THE APPLICATION. THIS IS A YEAR-LONG COURSE.

Performing Arts

Course Title	Semester 1	Semester 2	Grade(s)	Prerequisite(s)	Major Topics
AP Music Theory	53.0230001	53.0230002	11-12	Teacher Recommendation	College Board topics for the AP Music Theory exam include terminology and notational skills, writing skills, visual analysis and aural skills, and advanced levels of understanding.
Acting I	52.0210001	52.0210002	9-12	None	This course will offer theatre exercises to develop acting and production skills at all levels. It is an exploration of theatre as an artistic form that focuses on the appreciation and value of theatre in society. The students will participate in theatre games that utilize their inner resources of imagination, observation, and concentration. Included will be performance and production demonstrations of creative team-building scenes and open scenes.
Advanced Drama I Advanced Drama II Advanced Drama III Advanced Drama IV	52.0510001 52.0520001 52.0530001 52.0240001	52.0510002 52.0520002 52.0530002 52.0240002	9-12	Audition	Placement in this course is by audition only. This is a course for a student taking Advanced Drama for the 1st time. A study of the artistic, technical, managerial, and financial elements of a dramatic production. Students will assume positions of responsibility for selected productions throughout the year and will have an opportunity to participate in several types of artistic situations. After-school rehearsal time may be required. Auditions for Advanced Drama classes will be held in the Spring. Students will be asked to prepare a monologue for the audition.
Musical Theatre I Musical Theatre II Musical Theatre III Musical Theatre IV	52.0310001 52.0320001 52.0330001 52.0340001	52.0310002 52.0320002 52.0330002 52.0340002	9-12	Audition	Introduces the style and characteristic elements of musical theater. Explores the mechanics of production, staging, voice, and dance. Explores the career opportunities available in musical theatre and offers opportunity for performance.
Int. Band I Int. Band II Int. Band III Int. Band IV	53.0371001 53.0372001 53.0373001 53.0374001	53.0371002 53.0372002 53.0373002 53.0374002	9-12	Audition	This course provides opportunities for intermediate-level performers to increase performance skills and precision on a wind or percussion instrument. It includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses individual progress and learning and group experiences; strengthens reading skills. Concert Band will help prepare the students for advanced playing demands of upper high school literature and technique. After school rehearsals will be required. Concert Band will perform several required concerts during the year. Students will be auditioned and placed in the most suitable class based on student ability and instrumentation.
Adv. Band I Adv. Band II Adv. Band III Adv. Band IV	53.0381001 53.0382001 53.0383001 53.0384001	53.0381002 53.0382002 53.0383002 53.0384002	9-12	Intermediate Band	This course will help prepare the students for advanced playing demands of upper high school literature. The class provides opportunities for advanced-level performers to increase, develop and refine performance skills and precision on a wind or percussion instrument. It covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music at advanced levels of understanding. The class organizes objectives for self-paced progress through all four levels. It stresses individual progress and learning strategies and ensemble experiences. After school

					rehearsals will be required. Symphonic Band will perform several required concerts during the year. Students will be auditioned and placed in the most suitable class based on student ability and instrumentation.
Mastery Band I Mastery Band II Mastery Band III Mastery Band IV	53.0391001 53.0392001 53.0393001 53.0394001	53.0391002 53.0392002 53.0393002 53.0394002	9-12	Advanced Band	This course is an intensive study of advanced wind techniques. Some after-school rehearsals and several performances will be required. Students will be auditioned and placed in the most suitable class based on student ability and instrumentation. After school rehearsals will be required. Wind Ensemble will perform several required concerts during the year. Students will be auditioned and placed in the most suitable class based on student ability and instrumentation.
Intermediate Instrumental Ensemble I, II, III, & IV	53.07510 53.07520 53.07530 53.07540		9-12		Students are selected by director's recommendation. Offers intermediate-level performers an alternative ensemble experience to large band and orchestra. Emphasizes the performance style and literature of the instrumental chamber group medium. Includes brass, woodwind, percussion, and string ensembles. Covers performance and production, analysis and theoretical studies, creative aspects of music, historical and cultural influences, and music appreciation.
Intermediate Chorus I Intermediate Chorus II Intermediate Chorus III Intermediate Chorus IV	54.0221001 54.0222001 54.0223001 54.0227001	54.0221002 54.0222002 54.0223002 54.0227002	9-12	Placement Exams	Provides intermediate-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.
Advanced Chorus I Advanced Chorus II Advanced Chorus III Advanced Chorus IV	54.0231001 54.0232001 54.0233001 54.0234001	54.0231002 54.0232002 54.0233002 54.0234002	9-12	Placement Exams	Provides advanced-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.
Mastery Mixed Chorus I Mastery Mixed Chorus II Mastery Mixed Chorus III Mastery Mixed Chorus IV	54.0235001 54.0236001 54.0237001 54.0238001	54.0235002 54.0236002 54.0237002 54.0238002	9-12	Placement Exams	This course provides opportunities for mastery-level performers to increase performance skills and knowledge in choral singing. It covers performance and production of more complex choral literature with an emphasis on analysis and theoretical studies, historical and cultural contributions and influences, and the creative aspects of music and music appreciation. An emphasis is placed on self-paced progress and a variety of group experiences.
Music Appreciation	53.01400		9-12	None	Introduces production and performance, covering terminology and idioms, elements of music, perceptive listening and attitudes, and appreciation. Stresses the ability to become a literate consumer along with the ability to speak and write fluently about music.

Visual Arts					
Course Title	Course #		Grade(s)	Prerequisite(s)	Major Topics
Visual Arts	50.0211001		9-12	None	This course is the pre-requisite for all other studio art courses. Introduction to Art is an entry-level class that establishes a standard and consistent foundation in the discipline of visual art. Students will be introduced to all aspects of visual art including, but not limited to, art as personal communication, drawing, sculpture, ceramics, design, aesthetics, careers, art criticism and art history. Students develop basic skills that increase critical thinking, problem solving, self-evaluation and the ability to complete long-term projects.
Drawing & Painting I	50.0313001		9-12	Intro to Art	Drawing & Painting I will instruct students in fundamental drawing skills and prepare them to make the transition to painting. Approaches include contour, value to model form, gesture, perspective, and color. Students work with drawing media such as pencil, charcoal, conte and oil pastels. Art history, criticism and aesthetics are incorporated with studio production of drawings and paintings. In addition to learning a life-long skill, drawing courses help increase observation skills, self-discipline, ability to evaluate one's own performance, problem-solving abilities, and ability to complete long-term projects.
Drawing and Painting II	50.03210 50.03220		9-12	Visual Arts	Explores a variety of techniques and wide range of painting media. Emphasizes developing basic painting and critical analysis skills for responding to master paintings. Examines solutions to painting problems through the study of color theory and composition. Emphasizes the concept and development of personal style. Covers Western and non-Western cultures.
Ceramics I	50.0411001		9-12	Intro to Art	Ceramics I introduces the characteristics of clay and design in clay using various techniques of construction and decoration. Emphasizes hand building and introduces other forming techniques, surface decoration, and glaze applications. Covers styles of ceramic works from Western and non-Western cultures. In addition to learning a lifelong skill, ceramic courses help improve observation skills, self-discipline, organization, ability to evaluate one's own performance, problem-solving abilities, and ability to complete long-term projects.
Ceramics II, III, and IV			9-12	Ceramics I	Ceramics II-IV enhances level-one skills and provides opportunities to apply design techniques in clay through hand building and/or throwing on the potter's wheel. Introduces formulation of basic glazes and kiln firing; stresses evaluation of clay forms through art criticism.
AP 2D Portfolio	50.0813001	50.0813002	11-12	Intro to Art, Drawing and Painting II, Graphics I and/or Digital Design, Teacher Recommendation	This is a year-long course for juniors and seniors. The course allows students to pursue college credit while still in high school by submitting a portfolio for evaluation by the College Board. Plans to pursue art beyond high school are not required. However, students should have the desire to excel in visual art and to master long-term goals. Students in these courses have opportunities to build portfolios for college admission and participate regionally and nationally in exhibitions and scholarship competitions.

AP 3D Portfolio	50.0814001	50.0814002	11-12	Intro to Art, Sculpture II and/or Ceramics II, Teacher Recommendation	This is a year-long course for sophomores, juniors and seniors. The courses allow students to pursue college credit while still in high school by submitting a portfolio for evaluation by the College Board. Plans to pursue beyond high school is not required. However, students should have the desire to excel in visual art and to master long-term goals. Students in these courses have opportunities to build portfolios for college admission and participate regionally and nationally in exhibitions and scholarship competitions.
AP Drawing Portfolio	50.0811001	50.0811002	11-12	Intro to Art, Drawing & Painting II, Teacher Recommendation	This is a year-long course for juniors and seniors. The course allows students to pursue college credit while still in high school by submitting a portfolio for evaluation by the College Board. Plans to pursue art beyond high school are not required. However, students should have the desire to excel in visual art and to master long-term goals. Students in these courses have opportunities to build portfolios for college admission and participate regionally and nationally in exhibitions and scholarship competitions.
Electives					
Course Title	Course #	Grade(s)	Prerequisite(s)	Major Topics	
Tools for College Success (Homeroom)	35.06700 (9 th) 35.06710 (10 th) 35.06720 (11 th) 35.06730 (12 th)	9-12	None	Students receive a .5 credit for homeroom each year if they complete the necessary requirements. Homeroom meets once a week on Wednesdays (Wednesdays follow the "Warrior Wednesday" schedule).	
Peer Facilitation I, II, & III	35.04100	9-12	Application Based <i>See Ms. Halkyard</i>	This course enhances skills learned in Peer Leadership and provides practice in modifying instructional methods and materials, enabling communication, and demonstrating appropriate social interaction skills for students within the Special Education Department. Alexis.Halkyard@cherokeek12.net	

*** = Course is calculated into the HOPE GPA**

**** = Course is calculated into the HOPE GPA *and* counts as a HOPE Rigor Course**

~~No Longer Offered~~

HOPE Scholarship eligibility requirements, including eligible classes and academic rigor requirements, are subject to change based on decisions made by the Georgia General Assembly. The [Georgia Student Finance Commission \(GSFC\)](#) administers the program and publishes the official, up-to-date requirements and lists on the [GAfutures](#) website.