

**2022-2023
COURSE CATALOG**



**PERQUIMANS COUNTY
HIGH SCHOOL**

2022-2023 COURSE CATALOG

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2022-2023 COURSE CATALOG

GENERAL INFORMATION

USING THIS GUIDE

This curriculum guide is designed to assist students and their parents in planning the high school course schedules. All students and parents should read this information carefully and give deliberate thought to the student's aptitude, interests, and future plans when selecting courses. Please be aware that this guide is intended to give information about courses which **may** be offered. The final school schedule is based on a variety of factors, and course offerings may change.

As you plan your course schedule, please remember these items:

- Typically, high school credits are earned in grades 9-12, although some credits may be earned at the middle school level. Credits earned in middle school do NOT count in the high school GPA.
- All students must meet North Carolina graduation standards and testing requirements in addition to course requirements.
- It is the responsibility of the student to make certain that the courses they are enrolled in meet the requirements of graduation as well as those of any college the student plans to attend. The school counselors are available to assist students and their parents in this process.
- The courses in the catalog are included for informational and planning purposes. All courses are not guaranteed to be offered.

SCHEDULES

Perquimans County High School operates on a block schedule system. Each semester (Fall/Spring), students are enrolled in four 90-minute instructional "blocks" or classes. Ideally, two of the four classes are "core" classes. A core class refers to a course that is specifically required for graduation. Core classes are generally English, Math, Science, and Social Studies courses. In most cases, students have the opportunity to earn four units of credit each semester for a total of eight credits for the academic year.

COURSE SELECTION

During the Spring semester, rising 9th - 12th grade students will have the opportunity to make requests for courses they would like to take during the following school year. These requests are used to develop the student's schedule for the next academic year. A student's final schedule will be based on the courses actually offered and the master schedule. Student schedules will be made available before the beginning of the school year. Students are expected to follow their schedule beginning on the first day of school.

SCHEDULE CHANGES

School counselors will be available to meet with students and parents as needed to discuss schedule changes. **Schedule change requests must be made in writing (form provided in the student services office) within the first 10 days of each semester.** Students are expected to follow the original schedule until a new schedule is received from the school counselor. Schedule change requests are not guaranteed to be fulfilled unless there is an error or the change is due to graduation requirements. Courses dropped after the first ten days of the semester may be marked "withdraw/fail." This applies to all courses, including dual credit college courses.

GRADUATION REQUIREMENTS

For students entering 9th grade during the
2021-2022 school year or after

CONTENT AREA	FUTURE READY CORE	FUTURE READY OCCUPATIONAL COURSE OF STUDY
English	4 Sequential Credits English I, II, III, IV	4 Sequential Credits English I, II, III, IV
Mathematics	4 Credits 1. NC Math 1, 2, 3, and a fourth mathematics course aligned with the student's post high school plans 2. In the rare instance a principal exempts a student from FRC mathematics sequence, except as limited by N.C.G.S. §115C-81(b), the student will be required to pass: NC Math 1 and Math 2 plus two additional courses identified on the NC DPI Math Options Chart.	4 Credits 1. Introduction to Mathematics 2. Math 1 3. Financial Management 4. Employment Prep IV: Math (to include 150 work hours)
Science	3 Credits 1. A physical science course 2. Biology 3. Earth/Environmental Science	3 Credits 1. Applied Science 2. Biology* 3. Employment Prep I: Science (to include 150 work hours)
Social Studies	4 Credits 1. World History 2. American History 3. Founding Principles of the United States of America and North Carolina: Civic Literacy 4. Economics and Personal Finance	4 Credits 1. Employment Prep II: Citizenship 1A (to include 75 work hours) 2. Employment Prep II: Citizenship 1B (to include 75 work hours) 3. Founding Principles of the United States of America and North Carolina: Civic Literacy 4. Economics and Personal Finance
World Languages	Not required for high school graduation. A two-credit minimum is required for admission to a university in the UNC system.	Not required
Health and Physical Education	1 Credit 1. Health/Physical Education 2. Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation. 3. Accommodations/alternate assessments for students identified by ADA or IDEA will be provided.	1 Credit 1. Health/Physical Education 2. Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation. 3. Accommodations/alternate assessments for students identified by ADA or IDEA will be provided.
Electives or other requirements	6 Credits Required 2 elective credits of any combination from either: – Career and Technical Education (CTE) – Arts Education – World Language 4 elective credits (four course concentration strongly recommended) from one of the following: – Career and Technical Education (CTE) – ROTC – Arts and Education (e.g. dance, music, theater arts, visual arts) – Any other subject area (e.g. mathematics, science, social studies, English, and dual-enrollment courses)	6 Credits 2 additional Occupational Preparation credits: 1. Employment Preparation III: Citizenship IIA (to include 75 work hours) 2. Employment Preparation III: Citizenship IIB (to include 75 work hours) 4 Career and Technical (CTE) elective credits Student must also complete: – A career portfolio – IEP objectives
Total	22 Credits plus any local requirements	22 credits plus any local requirements
Local Requirements	6 Credits	6 Credits
Total Requirements	28 Credits	28 Credits

GRADUATION REQUIREMENTS

For students entering 9th grade during the
2020-2021 school year

CONTENT AREA	FUTURE READY CORE	FUTURE READY OCCUPATIONAL COURSE OF STUDY
English	4 Sequential Credits English I, II, III, IV	4 Sequential Credits English I, II, III, IV
Mathematics	4 Credits 1. NC Math 1, 2, 3, and a fourth mathematics course aligned with the student's post high school plans 2. In the rare instance a principal exempts a student from FRC mathematics sequence, except as limited by N.C.G.S. §115C-81(b), the student will be required to pass: NC Math 1 and Math 2 plus two additional courses identified on the NC DPI Math Options Chart.	3 Credits 1. Introduction to Mathematics 2. Math 1 3. Financial Management
Science	3 Credits 1. A physical science course 2. Biology 3. Earth/Environmental Science	2 Credits 1. Applied Science 2. Biology
Social Studies	4 Credits 1. World History 2. American History America and North Carolina: Civic Literacy; or American History: Founding Principles, Civics and Economics 3. American History, American History I, or American History II 4. Economics & Personal Finance	2 Credits 1. Founding Principles of the United States of America and North Carolina: Civic Literacy; or American History: Founding Principles, Civics and Economics 2. Economics & Personal Finance
World Languages	Not required for high school graduation. A two-credit minimum is required for admission to a university in the UNC system.	Not required
Health and Physical Education	1 Credit 1. Health/Physical Education 2. Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation. 3. Accommodations/alternate assessments for students identified by ADA or IDEA will be provided.	1 Credit 1. Health/Physical Education 2. Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation. 3. Accommodations/alternate assessments for students identified by ADA or IDEA will be provided.
Electives or other requirements	6 Credits Required 2 elective credits of any combination from either: – Career and Technical Education (CTE) – Arts Education – World Language 4 elective credits (four course concentration strongly recommended) from one of the following: – Career and Technical Education (CTE) – ROTC – Arts and Education (e.g. dance, music, theater arts, visual arts) – Any other subject area (e.g. mathematics, science, social studies, English, and dual-enrollment courses)	6 Credits 6 Occupational Preparation credits: 1. Occupational Preparation I 2. Occupational Preparation II (2 credits) 3. Occupational Preparation III (2 credits) 4. Occupational Preparation IV 600 Work hours to include: 1. 150 Hours of school-based training with work activities and experiences that align with the students post school goals, and 2. 225 hours of community-based training, and 3. 225 hours of paid employment or 225 hours of unpaid vocational training, unpaid internship, paid employment at community rehabilitation facilities and volunteer and/or community service hours Student must also complete: – A career portfolio – IEP objectives
Career/Technical		4 Credits Career/Technical electives
Total	22 Credits plus any local requirements	22 credits plus any local requirements
Local Requirements	6 Credits	6 Credits
Total Requirements	28 Credits	28 Credits

GRADUATION REQUIREMENTS

For students entering 9th grade during the
2019-2020 school year or before

CONTENT AREA	FUTURE READY CORE	FUTURE READY OCCUPATIONAL COURSE OF STUDY
English	4 Sequential Credits English I, II, III, IV	4 Sequential Credits English I, II, III, IV
Mathematics	4 Credits 1. NC Math 1, 2, 3, and a fourth mathematics course aligned with the student's post high school plans 2. In the rare instance a principal exempts a student from FRC mathematics sequence, except as limited by N.C.G.S. §115C-81(b), the student will be required to pass: NC Math 1 and Math 2 plus two additional courses identified on the NC DPI Math Options Chart.	3 Credits 1. Introduction to Mathematics 2. Math 1 3. Financial Management
Science	3 Credits 1. A physical science course 2. Biology 3. Earth/Environmental Science	2 Credits 1. Applied Science 2. Biology
Social Studies	4 Credits 1. World History 2. American History I 3. American History II 4. American History: Founding Principles, Civics and Economics	2 Credits 1. Founding Principles of the United States of America and North Carolina: Civic Literacy; or American History: Founding Principles, Civics and Economics 2. American History, American History I, or American History II
World Languages	Not required for high school graduation. A two-credit minimum is required for admission to a university in the UNC system.	Not required
Health and Physical Education	1 Credit 1. Health/Physical Education 2. Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation. 3. Accommodations/alternate assessments for students identified by ADA or IDEA will be provided.	1 Credit 1. Health/Physical Education 2. Students are required to successfully complete CPR instruction to meet Healthful Living Essential Standards as a requirement for high school graduation. 3. Accommodations/alternate assessments for students identified by ADA or IDEA will be provided.
Electives or other requirements	6 Credits Required 2 elective credits of any combination from either: – Career and Technical Education (CTE) – Arts Education – World Language 4 elective credits (four course concentration strongly recommended) from one of the following: – Career and Technical Education (CTE) – ROTC – Arts and Education (e.g. dance, music, theater arts, visual arts) – Any other subject area (e.g. mathematics, science, social studies, English, and dual-enrollment courses)	6 Credits 6 Occupational Preparation credits: 1. Occupational Preparation I 2. Occupational Preparation II (2 credits) 3. Occupational Preparation III (2 credits) 4. Occupational Preparation IV 600 Work hours to include: 1. 150 Hours of school-based training with work activities and experiences that align with the students post school goals, and 2. 225 hours of community-based training, and 3. 225 hours of paid employment or 225 hours of unpaid vocational training, unpaid internship, paid employment at community rehabilitation facilities and volunteer and/or community service hours Student must also complete: – A career portfolio – IEP objectives
Career/Technical		4 Credits Career/Technical electives
Total	22 Credits plus any local requirements	22 credits plus any local requirements
Local Requirements	6 Credits	6 Credits
Total Requirements	28 Credits	28 Credits

ENGLISH COURSE OFFERINGS

SUGGESTED COURSE SEQUENCE

	9th Grade	10th Grade	11th Grade	12th Grade
Standard Track	English 1	English 2	English 3	English 4
Accelerated Track Options	Honors English 1	Honors English 2	Honors English 3	Honors English 4
	Honors English 1	Honors English 2	Honors English 3	AP English Literature (full year)
	Honors English 1	Honors English 2	ENG 111 & ENG 112	ENG 231 or 232 & ENG 241 or 242
	Honors English 2	Honors English 3	ENG 111 & ENG 112	ENG 241 or 242
Occupational Course of Study	English 1	English 2	English 3	English 4
Extended Content	English/LA I	English/LA II	English/LA III	English/LA IV

ENGLISH

COURSE OFFERINGS

COURSE DESCRIPTIONS

ENGLISH 1

English I provides a foundational study of literary genres (novels, short stories, poetry, drama, literary nonfiction). Through reading, writing, listening and speaking, students learn to communicate effectively. Through disciplined reading of complex literary fiction and literary non-fiction, students develop critical thinking skills, value evidence and build academic language to engage in lively discussions with their peers about the content and their learning. Students develop their writing skills through authentic writing assignments, projects, research and literary analysis. All writing is integrated with grammar and techniques of style. Students work collaboratively with their peers to accomplish learning goals.

HONORS ENGLISH 1

Prerequisite - 8th grade English EOG score of Level IV or above and teacher recommendation

Honors English I is designed for mature students who have shown excellence in literary comprehension and writing skills. The materials are taught with greater complexity, novelty and acceleration. Through disciplined reading of complex literary fiction and literary non-fiction, students develop critical thinking skills, value evidence and build academic language to engage in lively discussions with their peers about the content and their learning. The course provides foundational study of literary genres (novels, short stories, poetry, drama, literary nonfiction) and it includes influential documents. Through reading, writing, listening and speaking, students learn to communicate more effectively. Students develop their writing skills through authentic writing assignments, projects, research and literary analysis. All writing is integrated with grammar and techniques of style. Students work collaboratively with their peers to accomplish learning goals. Students taking this Honors course are expected to complete complex tasks with greater independence.

ENGLISH 2

Prerequisite - English I

This course continues the development of reading and communication skills through world literature and informational texts using complex text analysis. There is a focus on essay writing, vocabulary development, and application of literary terms. SAT/ACT and research skills are reinforced. Higher order thinking skills are continuously promoted through scaffolded questioning, rationalization of complex thought, generating and creating ideas, and synthesizing and evaluating concepts from the classroom discourse and a variety of texts. Students will work to prepare for the English EOC.

HONORS ENGLISH 2

Prerequisite - "B" or higher in Honors English I or "A" English I course and teacher recommendation

This rigorous course covers the English II curriculum focused on world literature and informational texts, but with increased acceleration. This course is distinguished by differences in the quality and depth of work expected. The materials are taught with greater complexity and novelty. Students engage in more sophisticated readings of complex texts. Students taking this Honors course are expected to complete complex tasks more independently with less teacher scaffolding.

ENGLISH 3

Prerequisite - English II

This course continues the development of advanced communication skills using American Literature as a reflection of the American experience. The course includes SAT/ACT skill development. English III provides an in-depth study of US literature and US literary nonfiction, especially foundational works and documents. This course focuses on advancing reading, writing, listening, speaking, and critical thinking skills. Students learn to value textual evidence to provide appropriate oral and written responses. Students take on greater responsibility for their own learning and practice more advanced writing skills.

ENGLISH

COURSE OFFERINGS

COURSE DESCRIPTIONS

HONORS ENGLISH 3

Prerequisite - "B" or higher in Honors English II or "A" in English II and teacher recommendation

Honors English III provides an in-depth study of US literature and US literary nonfiction, especially foundational works and documents. This course is distinguished by differences in the quality and depth of work expected. The materials are taught with greater complexity, novelty and acceleration. Through disciplined reading of complex text, students develop critical thinking skills, value evidence, and build academic language to engage in lively discussions with their peers. Students develop their writing skills through authentic writing assignments, projects, research and literary analysis. They take on greater responsibility for their own learning and practice more advanced writing skills.

ENGLISH 4

Prerequisite - English III

This course culminates the study of communication skills using British literature and includes formal, informal, and technical writing, grammar development, word processing applications, and other technology-related studies. A graduation project, which includes a detailed portfolio, a research paper, a project related to the research topic, and a presentation before a panel will also be required.

HONORS ENGLISH 4

Prerequisite - "B" or higher in Honors English III or "A" in English III and teacher recommendation

The major focus of this course is complex forms of composition, grammar skills application, vocabulary development, and a survey of British and Western literature. The survey concentrates on the critical analysis of literature, essays, writing, word processing, and technology skills. A graduation project, which includes a detailed portfolio, a research paper, a project related to the research topic, and a presentation before a panel will also be required. Summer reading may be required for this course. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level. Additional projects and assignments may be required.

AP ENGLISH LITERATURE

This college-level course provides an analytical and historical study of British and world literature in a comprehensive program of reading, writing, and critical thinking. It fulfills the NC graduation requirement for English III. As preparation to take the Advanced Placement Test in Literature and Composition, students read, discuss, analyze, and write about challenging works of recognized literary merit to develop honest, concise, and effective use of language and the ability to organize ideas in a clear, coherent, and persuasive way. Independent literary analysis and a total mastery of writing skills are the goals of the course. Because this course meets the needs of academically gifted or highly motivated advanced students who hope to bypass introductory courses in composition and literature when they enter college, students in an AP course should expect assignments and instruction paced at the college level. Students enrolled in this course are expected to take The College Board Advanced Placement test.

COLLEGE ENGLISH

Course descriptions for college courses can be found in the college catalog.

ENGLISH

COURSE OFFERINGS

OCCUPATIONAL COURSE OF STUDY DESCRIPTIONS

ENGLISH 1

This curriculum exposes students to content that is closely aligned with that of 9th grade English courses content. It focuses on the writing process to develop a product, the development of an understanding of appropriate presentation skills, the use of a variety of strategies to comprehend texts, the identification of examples of appropriate conventions in both written and spoken language, the analysis of cause-and-effect relationships, the understanding of literary elements, rhetorical techniques, and informational text, and the application of research tools and techniques to selected topics.

ENGLISH 2

Prerequisite - English I

This academic world literature course is designed for the student who aspires to post-secondary community college or career experience. This class focuses on reading, writing, speaking and listening, and language. Writing instruction at this level focuses on mechanical correctness, fluency, and structure.

ENGLISH 3

Prerequisite - English II

This curriculum focuses on the understanding of literary and informational texts, the use of appropriate communication skills, the creation of written products through the use of a template, the application of reading and comprehension strategies, the problem-solving process, cause and effect relationships to decision-making, and informational research for employment, post-secondary education/training, and independent living settings.

ENGLISH 4

Prerequisite - English III

This curriculum focuses on the application of literary and informational texts, the evaluation of communication between various audiences, the creation of written products without the use of a template, the application of reading comprehension strategies, the production of a plan to problem solve, the ability to attribute the impact of cause and effect, the generation of a viewpoint based on the analysis of a situation, and the creation of informational products for use in employment, post-secondary education/training, and independent living domains. A graduation project, which includes a detailed portfolio, a research paper, a project related to the research topic, and a presentation before a panel will also be required.

EXTENDED CONTENT COURSE OF STUDY DESCRIPTIONS

ENGLISH/LA I

This course emphasizes developing effective communication skills with a focus on generalization to the home, school, and community. This course may be reflected in the student schedule more than once.

ENGLISH/LA II

This course is designed to apply use of effective communication skills in purposeful situations for meaningful outcomes. This course may be reflected in the student schedule more than once.

ENGLISH/LA III

This course emphasizes the use of appropriate interpersonal communication skills across environments and situations. This course may be reflected in the student schedule more than once.

ENGLISH/LA IV

This course emphasizes the application of communication skills previously learned to transition to post school outcomes. This course may be reflected in the student schedule more than once.

MATH COURSE OFFERINGS

SUGGESTED COURSE SEQUENCE

	9th Grade	10th Grade	11th Grade	12th Grade
Standard Track	Math 1	Math 2	Math 3	a 4th math aligned with post high school plans
Accelerated Track Options	Honors Math 1	Honors Math 2	Honors Math 3	Honors Pre-Calculus
	Honors Math 1 &/or Honors Math 2	Honors Math 2 &/or Honors Math 3	Honors Pre-Calculus	COA Math
	Honors Math 2 & Honors Math 3	Honors Pre-Calculus	AP Calculus (full year)	Not required, but COA Math encouraged for college entrance
Occupational Course of Study	Introduction to Math 1	Math 1	Financial Management	Employment Prep Math
Extended Content	Financial Management I	Financial Management II	Math 1A	Math 1B

Additional Course	Foundations of Math 1
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4th math options can be found at <https://bit.ly/4thmathoptions>

MATH

COURSE OFFERINGS

COURSE DESCRIPTIONS

FOUNDATIONS OF MATH 1

Co-requisite - Math 1, second semester

Foundations of Math 1 is a math skills course that supports students in Math 1. The course is designed to remediate computational skills and conceptual understanding needed for high school level courses with confidence. The topics covered include the real number system; linear, exponential, and quadratic functions; coordinate geometry; systems of equations and inequalities; and statistics/probability. This course must be taken concurrently with NC Math 1.

MATH 1

NC Math 1 formalizes and extends the mathematics that students learned in previous grades. The topics covered include the real number system; linear, exponential, and quadratic functions; coordinate geometry; systems of equations and inequalities; and statistics/probability. Students must take the End of Course Math 1 Exam.

HONORS MATH 1

Prerequisite - 8th grade Math EOG score of Level IV or above and teacher recommendation

NC Math 1 formalizes and extends the mathematics that students learned in previous grades. The topics covered include number theory; linear, exponential, and quadratic functions; coordinate geometry; systems of equations and inequalities; and statistics. Students must take the End of Course Math 1 Exam. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level.

MATH 2

Prerequisite - Math I

This course continues a progression of the standards established in Math 1. In addition to these standards, Math II includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, and probability.

HONORS MATH 2

Prerequisite - "B" or higher in Honors Math I or "A" in Math I and teacher recommendation.

This course continues a progression of the standards established in Math 1. In addition to these standards, Math II includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, and probability. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level.

MATH 3

Prerequisite - Math II

This course progresses from the standards learned in Math I and Math II. In addition to these standards, Math III extends to include algebraic concepts such as the complex number system, inverse functions, trigonometric functions, the unit circle, and geometric concepts. Students must take the End of Course Math 3 Exam.

MATH

COURSE OFFERINGS

COURSE DESCRIPTIONS

HONORS MATH 3

Prerequisite - "B" or higher in Honors Math II or "A" in Math II and teacher recommendation

This course progresses from the standards learned in Math I and Math II. In addition to these standards, Math III extends to include algebraic concepts such as the complex number system, inverse functions, trigonometric functions, the unit circle, and geometric concepts. Students must take the End of Course Math 3 Exam. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level.

MATH 4

Prerequisite - Math III

The primary focus of Math 4 is on functions and statistical thinking, continuing the study of algebra, functions, trigonometry and statistical concepts previously experienced in NC Math 1-3. Additionally, the course intentionally integrates concepts from algebra and functions to demonstrate the close relationship between algebraic reasoning as applied to the characteristics and behaviors of more complex functions. Other topics include operations with complex numbers, matrices, and vectors.

HONORS PRE-CALCULUS

Prerequisite - "B" or better in Honors Math III or "A" in Math III and teacher recommendation

Precalculus builds upon the study of algebra, functions, and trigonometry experienced in NC Math 1-3. The course will build on algebraic skills and understanding of functions to delve into real world phenomena and to deepen understanding of the functions in the course. This course is designed for students pursuing careers in STEM-related fields. Students will be prepared for Calculus, AP Calculus, and any entry-level college course. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level. Additional projects and assignments may be required.

AP CALCULUS AB

Year-long course

Prerequisite - Honors Pre-Calculus and teacher recommendation

The topics covered in Advanced Placement Calculus include functions, graphs, limits, concept of derivative, derivative at a point, the derivative as a function, second derivatives, applications of the derivative, Riemann Sums, interpretations and properties of definite integrals, and the Fundamental Theorem of Calculus. Note: This full-year course corresponds to the **one**-semester course taught at many colleges and universities.

COLLEGE MATH

Course descriptions for college courses can be found in the college catalog.

MATH

COURSE OFFERINGS

OCCUPATIONAL COURSE OF STUDY DESCRIPTIONS

INTRODUCTION TO MATH

This curriculum focuses on the understanding of rational numbers, the application of mathematical operations, the application of ratios, proportions, and percents to solve problems, the use of two- and three-dimensional figures, the application of time and measurement skills, the application of algebraic properties, the understanding of patterns and relationships, and the understanding of data in terms of graphical displays, measures of center, and range.

MATH 1

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. This course deepens and extends understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. In addition to studying bivariate data, students also summarize, represent, and interpret data on a single count or measurement variable. The geometry standards that appear in this course formalize and extend students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course fulfills the North Carolina high school graduation requirement for NC Math 1. The final exam is the North Carolina End-of-Course Test based on the NC Math 1 Standards.

FINANCIAL MANAGEMENT

This curriculum focuses on personal financial management, independent living, state and local income taxes, wages and compensation, credit, types of insurance, and the application of math skills to consumer practices.

EMPLOYMENT PREP MATH

This course gives students the opportunity to synthesize all the skills acquired in previous Employment Prep courses and apply them to their personal career choice. This course allows students to solve work-related problems experienced in competitive employment, practice self-advocacy skills and master the theoretical practical aspects of their career choice. Students finish completing the **225** hours of integrated competitive employment in a community setting required for successful completion of the Occupational Course of Study. Students also develop a job placement portfolio that provides an educational and vocational record of their high school experience. Students will also engage in Person Centered/Driven Planning, and explore Federal regulations associated with public health in addition to finalizing career portfolios and transferring skills mastered from experience with the six categories of employability skills.

MATH

COURSE OFFERINGS

EXTENDED CONTENT COURSE OF STUDY DESCRIPTIONS

FINANCIAL MANAGEMENT I

This course is designed to teach students the difference between wants and needs; that money comes from working; the application of budgeting skills, the appropriate methods for personal financial management and independent living and the application of consumer math spending. This course may be reflected in the student schedule more than once.

FINANCIAL MANAGEMENT II

This course is a continuation of financial management designed to teach students the difference between wants and needs; that money comes from working; the application of budgeting skills, the appropriate methods for personal financial management and independent living and the application of consumer math spending. This course may be reflected in the student schedule more than once.

NC MATH IA

This course is designed to teach students to extend the properties of the base ten system with limits to tenths and hundredths; reason quantitatively and use units to solve problems; use equivalent expressions to solve problems; use inequalities to describe numbers and relationships; and solve equations and inequalities in one variable. This course may be reflected in the student schedule more than once.

NC MATH IB

This course is designed to teach students to extend the properties of the base ten system with limits to tenths and hundredths; reason quantitatively and use units to solve problems; use equivalent expressions to solve problems; use inequalities to describe numbers and relationships; and solve equations and inequalities in one variable. This course may be reflected in the student schedule more than once.

SCIENCE COURSE OFFERINGS

SUGGESTED COURSE SEQUENCE

	9th Grade	10th Grade	11th Grade	12th Grade
Standard Track	Earth Environmental Science	Biology (must pass to be promoted to 12th grade)	Physical Science	Additional science not required
Accelerated Track Options	Honors Earth Environmental Science	Honors Biology (must pass to be promoted to 12th grade)	Honors Chemistry	Additional science not required, college science may be available
	Honors Biology (must pass to be promoted to 12th grade)	Honors Chemistry	AP Environmental Science (full year)	Additional science not required, college science may be available
Occupational Course of Study	Employment Prep Science	Applied Science	Biology (must pass to be promoted to 12th grade)	Additional science not required
Extended Content		Life Science	Biology A	Biology B

SCIENCE

COURSE OFFERINGS

COURSE DESCRIPTIONS

EARTH ENVIRONMENTAL SCIENCE

This course explores Earth's geological and environmental systems and the impact of human interactions on these systems. Students engaged in activities that examine evidence and issues relevant to natural processes that affect our lives. Major topics include astronomy, geology, meteorology, and oceanography.

HONORS EARTH ENVIRONMENTAL SCIENCE

Prerequisite - Math I or a score of level IV or higher on 8th grade Science EOG and teacher recommendation

This course is designed to increase students' awareness of the planet on which they live. Topics covered include scientific process skills, meteorology, geology, and astronomy, with emphasis on conservation of our natural resources and preservation of our physical environment. In-depth studies of selected topics involving advanced reading, writing assignments, and science projects are required. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level. Additional projects and assignments may be required.

BIOLOGY

Prerequisite - Earth Environmental Science

Biology is the basic study of concepts, principles, and theories that allow students to understand their natural environment. The topics covered include ecology, the cell, genetics, evolution, and the characteristics, distribution, behavior, reproduction, and survival of living things. Using the inquiry approach, emphasis is placed on problem solving through investigation, data collection, and the interpretation of results. This is a NC EOC course.

HONORS BIOLOGY

Prerequisite - "B" or higher in Honors Earth Science or "A" in Earth Science and teacher recommendation

This course presents an in-depth study of biology topics. Using the inquiry approach, emphasis is placed on problem solving through investigation, data collection, and the interpretation of results. Requirements may include more advanced laboratory activities, research papers, or work-related projects within the field of science. This course is designed for students who intend to pursue advanced study in Biology. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level. Additional projects and assignments may be required.

PHYSICAL SCIENCE

Prerequisite - completed or enrolled in Math 2

This course focuses on an introductory study of chemistry and physics concepts, principles, and theories. Topics include atomic theory and matter, inorganic and organic chemistry, mechanics, electricity and magnetism, and energy. Using the inquiry approach, emphasis is placed on problem solving through investigation, observation, data collection, and interpretation of results.

SCIENCE

COURSE OFFERINGS

COURSE DESCRIPTIONS

HONORS CHEMISTRY

Prerequisite - Math III and "B" or higher in Honors Biology or "A" in Biology and teacher recommendation

This course will include a more in-depth study of chemistry. Chemistry is the study of composition, structure and properties of substances and the changes they undergo. Topics include matter and energy, periodic properties of elements, phases of matter, stoichiometry, kinetic theory of matter, chemical reactions, measurement and calculations, and acids/bases. Lab exercises will be used to reinforce the discussions in a hands-on, practical way. Additional topics include molecular structure, polar molecules, introduction to thermodynamics, and organic chemistry. The laboratory exercises will be more advanced. Honors level includes a more in-depth, rigorous study of the standards and will require students to think and engage with tasks at a higher level. Additional projects and assignments may be required.

AP ENVIRONMENTAL SCIENCE

Prerequisite - Biology, Chemistry, and Math III

This course is similar to a one-semester introductory college course in environmental science. The course includes laboratory and field investigations and other activities that may require students to attend sessions outside of regular class time. Major themes include the chemistry, physics, and geology of the Earth's systems; the atmosphere and the history and dynamics of the biosphere; human population growth; natural resources; environmental quality; global changes; and decision-making for the Earth's future.

COLLEGE SCIENCE

Course descriptions for college courses can be found in the college catalog.

SCIENCE COURSE OFFERINGS

OCCUPATIONAL COURSE OF STUDY DESCRIPTIONS

EMPLOYMENT PREP SCIENCE

This course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment in their career choice and make career advancements. Students participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students are involved in on-campus vocational training activities such as school factories, work-based enterprises, hands-on vocational training and the operation of small businesses. Formal career planning and development of knowledge regarding transition planning begins in this course and continues throughout the strand of Employment Prep courses. Students will also begin their career portfolios and explore the six categories of employability skills.

APPLIED SCIENCE

This curriculum focuses on the understanding of force and motion, of energy and its conservation, of electricity and magnetism, of the properties of matter, the identification of uses and dangers of common chemicals, the positive and negative effects humans have on the environment, and the human body's basic needs and control systems.

BIOLOGY

This course is designed to develop student understanding of biological concepts and principles and promote an understanding of plant and animal processes from the cellular to the multi-cellular level. Laboratory work is an important part of each phase of the course.

EXTENDED CONTENT COURSE OF STUDY DESCRIPTIONS

LIFE SCIENCE

This course is designed to teach students safety measures and procedures in a variety of situations in the community and at home; teach the application skills associated with providing simple first aid and obtaining medical treatment when needed; and teach the application of the skills needed to practice healthy living and good nutrition. This course may be reflected in the student schedule more than once.

BIOLOGY A

This course is designed to teach students the structures and functions of living organisms, the interdependence of living organisms within their environments and the impact of human activities on the environment. This course may be reflected in the student schedule more than once.

BIOLOGY B

This course is designed to teach students the structures and functions of living organisms, the interdependence of living organisms within their environments and the impact of human activities on the environment. This course may be reflected in the student schedule more than once.

SOCIAL STUDIES COURSE OFFERINGS

SUGGESTED COURSE SEQUENCE

	9th Grade	10th Grade	11th Grade	12th Grade
Standard Track	World History	Founding Principles of US & NC Civic Literacy	American History	Economics & Personal Finance
Accelerated Track Options	Honors World History	Honors Founding Principles of US & NC Civic Literacy	Honors American History	Honors Economics & Personal Finance
	Honors World History	Honors Founding Principles of US & NC Civic Literacy	AP US History (full year)	Honors Economics & Personal Finance
	Honors World History	Honors Founding Principles of US & NC Civic Literacy	HIS 131 & HIS 132	Honors Economics & Personal Finance
Occupational Course of Study	Employment Prep Citizenship 1A&B	Employment Prep Citizenship 2A&B	Founding Principles of US & NC Civic Literacy	Economics & Personal Finance
Extended Content	Civics & Governance I	Civics & Governance II	American History	Economics & Personal Finance

SOCIAL STUDIES COURSE OFFERINGS

COURSE DESCRIPTIONS

WORLD HISTORY

World History is designed to be a historical study of societies, nations, economies, events, and cultures of the many regions of the world, providing historical background for each area and details inclusive of change over time, historical impact, religion, diplomacy, culture practices and beliefs, and economic, political, and social institutions. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity.

HONORS WORLD HISTORY

Prerequisite - score of level IV or higher on 8th grade Social Studies EOG and teacher recommendation

Honors World History is designed to be a historical study of societies, nations, economies, events, and cultures of the many regions of the world, providing historical background for each area and details inclusive of change over time, historical impact, religion, diplomacy, culture practices and beliefs, and economic, political, and social institutions. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity.

AMERICAN HISTORY

This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students in this course will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past. Rooted in Inquiry-based skills, students will trace American development while learning to craft compelling questions, synthesize and evaluate evidence, develop claims, communicate ideas, and take informed action. Students will continue to build upon previous studies of American History, the fundamental concepts in civics and government, economics, behavioral science (culture), and geography taught in grades kindergarten through eight as they examine American history. As well-rounded, productive citizens, students will leave the American History course with both the knowledge and the skills to engage with the modern world by recognizing contemporary patterns and connections.

HONORS AMERICAN HISTORY

Prerequisite - "B" or higher in Honors World History or "A" in World History and teacher recommendation

Honors American History is distinguished by difference in the quality and depth of the work expected. The materials are taught with greater complexity, novelty, and acceleration. This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students in this course will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past. Rooted in Inquiry-based skills, students will trace American development while learning to craft compelling questions, synthesize and evaluate evidence, develop claims, communicate ideas, and take informed action. Students will continue to build upon previous studies of American History, the fundamental concepts in civics and government, economics, behavioral science (culture), and geography taught in grades kindergarten through eight as they examine American history. As well-rounded, productive citizens, students will leave the American History course with both the knowledge and the skills to engage with the modern world by recognizing contemporary patterns and connections.

SOCIAL STUDIES COURSE OFFERINGS

COURSE DESCRIPTIONS

FOUNDING PRINCIPLES OF US & NC CIVIC LITERACY

This course provides students the opportunity for a deeper study of the governmental and political systems of the N.C. and the U.S. and will build upon the application of the Founding Principles. This course will allow students to examine the ways in which power and responsibility are both shared and limited by the U.S. Constitution and how the judicial, legal, and political systems of North Carolina and the United States embody the founding principles of government. Students in this course will analyze and evaluate the extent to which the American system of government guarantees, protects, and upholds the rights of citizens. Through the integration of inquiry-based learning, students will also investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and take action to effect change and inform others.

HONORS FOUNDING PRINCIPLES OF THE UNITED STATES & NC: CIVIC LITERACY

Prerequisite - "B" or higher in Honors American History or "A" in American History and teacher recommendation

Honors Founding Principles of the United States and North Carolina: Civic Literacy is distinguished by differences in the quality and depth of work expected. Students cover the material in greater complexity, novelty and acceleration. Students express and defend their ideas, orally and in writing, while attaining the distance necessary to value multiple viewpoints. This course provides students the opportunity for a deeper study of the governmental and political systems of the N.C. and the U.S. and will build upon the application of the Founding Principles. This course will allow students to examine the ways in which power and responsibility are both shared and limited by the U.S. Constitution and how the judicial, legal, and political systems of North Carolina and the United States embody the founding principles of government. Students in this course will analyze and evaluate the extent to which the American system of government guarantees, protects, and upholds the rights of citizens. Through the integration of inquiry-based learning, students will also investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and take action to effect change and inform others.

AP US HISTORY

Year-long course

Prerequisite - B or higher in Honors World History and teacher recommendation.

This course will cover periods of American History from the Colonial era to present day. A heavy emphasis will be placed on reading the text provided for this course in addition to outside reading and research. Students will interpret primary sources, present material, write essays, and complete analytical and research papers. *AP US History may be substituted for American History to meet graduation requirements, but will only count for one social studies credit and one elective credit.*

COLLEGE SOCIAL STUDIES

Course descriptions for college courses can be found in the college catalog.

SOCIAL STUDIES COURSE OFFERINGS

OCCUPATIONAL COURSE OF STUDY DESCRIPTIONS

EMPLOYMENT PREP CITIZENSHIP 1A & B

This course emphasizes the development of skills generic to all careers including resource management, communication, interpersonal skills, technology, stamina, endurance, safety, mobility, motor, teamwork, sensory, problem-solving, cultural diversity, information acquisition/management, and self-management. This course focuses on providing students with a repertoire of basic skills that serve as a foundation for future career applications. Students expand their school-based learning activities to include on-campus jobs and begin some work-based learning activities. Job seeking skills also continue to be refined. Students will continue developing their career portfolios and begin to apply developing skills from the six categories of employable skills.

EMPLOYMENT PREP CITIZENSHIP 2A & 2B

This course is designed to allow students to continue the development and begin the application of skills learned in Employment Prep I and II. Work-based learning activities are provided including community-based training, job shadowing, job sampling, internships, situational assessment, cooperative education, and apprenticeships. These work-based activities allow students to apply employability skills to competitive employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership development and self-determination are provided. Students will continue work on their career portfolios and begin to independently apply skills mastered from studying the six categories of employable skills.

FOUNDING PRINCIPLES OF US & NC CIVIC LITERACY

Civic Literacy is the study and understanding of citizenship and government. Through the Inquiry-based C3 Framework, this one-semester course provides students with a sound understanding of civic life, politics, and government, including a short history of government's foundation and development in the United States of America. Students learn how power and responsibility are shared and limited by the government, the impact American politics has on world affairs, law in the American constitutional system, and the rights that the American government guarantees its citizens. Students also examine how the world is organized politically and how to be an active participant in the American and global political systems. Students will study the foundations of American democracy and the origins of American government. The roles of political parties, campaigns & elections, public opinion, and the media will be analyzed to determine their effects on the individual and all who call the United States home.

ECONOMICS & PERSONAL FINANCE

The standards and objectives in the Economics and Personal Finance course will provide students the opportunity to engage in intensive application of the skills, concepts, processes, and knowledge gained in previous social studies courses and prepare them to be college, career, and civic ready.

SOCIAL STUDIES COURSE OFFERINGS

EXTENDED CONTENT COURSE OF STUDY DESCRIPTIONS

CIVICS AND GOVERNANCE I

This course is designed to teach students the roles authorities have in enforcing individual rights, rules and laws for the common good and how democracy depends upon the active participation of citizens. This course may be reflected in the student schedule more than once.

CIVICS AND GOVERNANCE II

This course is a continuation of Civics and Governance designed to teach students the roles authorities have in enforcing individual rights, rules and laws for the common good and how democracy depends upon the active participation of citizens. This course may be reflected in the student schedule more than once.

AMERICAN HISTORY

This course is designed to teach students the creation and development of the United States over time. This course may be reflected in a student's schedule more than once.

ECONOMICS & PERSONAL FINANCE

This course will provide students the opportunity to engage in intensive application of the skills, concepts, processes, and knowledge gained in previous social studies courses and prepare students to be employment and civic ready.

**2022-2023
COURSE CATALOG**



ELECTIVE COURSES

HEALTH & PHYSICAL EDUCATION COURSE OFFERINGS

COURSE DESCRIPTIONS

HEALTH & PE

A healthful living course is required of all students for graduation. This course will cover stress management, relationships, substance abuse, disease prevention, self-protection, nutrition, and weight control. This course also includes a study of physical fitness, physical conditioning, and skills and knowledge of lifetime sports.

ADVANCED TEAM SPORTS

Prerequisite - C or better in Health & PE

This course will provide instruction in rules, regulations, skills, and strategies in several team sports such as football, volleyball, basketball, softball, baseball, and soccer. Instructors will provide opportunities in officiating, coaching, and sports management job scopes. Students will also participate in activities to increase their cardiovascular fitness.

LEISURE SPORTS

Prerequisite - C or better in Health & PE

This course will provide instruction in rules, regulations, history, strategies, and participation in several leisure sports including tennis, badminton, table tennis, racquetball, volleyball, basketball, horseshoes, corn hole, golf, and bowling. Students will also participate in activities to increase their muscular strength and cardiovascular fitness.

WEIGHT TRAINING I

Prerequisite - Health & PE

This program is designed for the novice weight-training student. It involves introductory techniques of weight training and cardiovascular conditioning, safety precautions and injury prevention, and other methods of weight management. The major focuses are general muscle toning and achieving total fitness, as well as gaining an understanding of anatomy and physiology as related to weight training.

WEIGHT TRAINING II - IV

Prerequisite - Previous level of Weight Training

This course is an advanced strength and conditioning program. Students should be in good physical shape for this course. This program is strongly recommended for student athletes.

HONORS WEIGHT TRAINING

This course is an advanced strength and conditioning program. Students should be in good physical shape for this course. This program is strongly recommended for student athletes. Students will also complete a healthy living plan throughout the life of the course to track their strength gains, dietary needs, and other factors that impact overall conditioning and strength.

FIELD MAINTENANCE I & II

Prerequisite - teacher approval

The field maintenance class is structured to expose students to the skills needed in the field and landscape maintenance industries. Students will have the opportunities to extend their work-based training through “Job Ready” and “High Schools that Work” programs. Students will be able to develop a portfolio of work experiences through school-based activities, internships, and job shadowing.

PHYSICAL FITNESS

Prerequisite - teacher recommendation

This course is a continuation of the Weight Training program.

FINE ARTS COURSE OFFERINGS

COURSE DESCRIPTIONS

ART

VISUAL ARTS I BEGINNING

This course is designed for students with little or incomplete foundational skills and knowledge in the visual arts. The course emphasizes the study of the elements of art and principles of design, and color theory, art, vocabulary, art criticism, art history, safety in the art room. Students will apply creative and critical thinking skills to artistic expression and use the language of the visual arts to communicate effectively.

VISUAL ARTS II INTERMEDIATE

Prerequisite - Visual Arts I

This course offers an in-depth study of design through repeated use of art elements and principles, while expanding technical abilities. Design is taught through experiences in the following areas: drawing and painting, art history printmaking (silk screening, lino cuts and/or woodcuts), and three-dimensional design (wood, clay, fibers).

VISUAL ARTS III PROFICIENT - HONORS

Prerequisite - Visual Arts II or portfolio

This level of advanced art involves more in-depth knowledge of processes, media, history, and the development of art. Students understand and apply all skills through a variety of media. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms. Students are encouraged to explore a variety of media, to produce experimental culturally significant works of art, and to gain an extensive knowledge of art history.

VISUAL ARTS IV ADVANCED - HONORS

Prerequisite - Visual Arts III or portfolio

This course offers a concentrated study in areas selected cooperatively between the art teacher and the student. Students are challenged by the teacher to evaluate their art products to solve problems in terms of the chosen art media and learn concepts and skills as they relate to personal art expressions. Students will be working towards specific portfolio goals in Drawing/Painting, Color & Design, artist research, and a concentrated area of study where the work will focus on a specific theme or the student's choosing. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms. Students initiate, define, and solve challenging visual arts problems independently using intellectual skills such as analysis, synthesis, and evaluation. Students have in-depth experiences in reflecting upon and assessing the characteristics and merits of their work and the work of others.

YEARBOOK

YEARBOOK I

The introductory yearbook course offers the student total involvement in the production of the school yearbook. Activities include advertising, layout planning, photography, copywriting, and proofing.

YEARBOOK II

The second-level yearbook course is designed to help students refine their skills in copywriting, proofing, photography, and layout planning. Students deepen their understanding of advertising.

YEARBOOK III

Students who have completed Yearbook I and II and who desire to refine skills in planning, layout, and technology may elect this course. In addition to the development of higher-level writing skills and business management procedures, students enhance their knowledge of the laws and ethics of journalism.

FINE ARTS

COURSE OFFERINGS

COURSE DESCRIPTIONS

MUSIC

INTRODUCTION TO INSTRUMENTAL MUSIC

A hands on course for music literacy. Heavy participation in learning music reading skills, piano fundamentals, ukulele, and percussion.

GENERAL MUSIC

A lecture formatted class on Music history, industry, and literacy.

UKULELE

This course is designed to teach students to play the ukulele.

BAND I BEGINNING

Prerequisite - prior band experience or approval from the band director

This course develops skills in instrumental music while providing for marching band experience during the fall semester and concert band experience during the spring semester. This course includes required activities outside the regular school day that will be announced prior to the beginning of the semester. *The general expectation is that a student taking band in a given year will take both semesters. Students with specific academic needs or other curricular interests, however, will be allowed to take one semester or the other upon the band director's recommendation and principal's approval.*

BAND II INTERMEDIATE

This course develops higher level skills in instrumental music while providing for marching band experience during the fall semester and concert band experience during the spring semester. The course includes required activities outside the regular school day that will be announced prior to the beginning of the semester. *The general expectation is that a student taking band in a given year will take both semesters. Students with specific academic needs or other curricular interests, however, will be allowed to take one semester or the other upon the band director's recommendation and principal's approval.*

BAND III PROFICIENT HONORS

This honors course develops skills in challenging instrumental music while providing for marching band experience during the fall semester and concert band experience during the spring semester. The course includes required activities outside the regular school day that will be announced prior to the beginning of the semester. *The general expectation is that a student taking band in a given year will take both semesters. Students with specific academic needs or other curricular interests, however, will be allowed to take one semester or the other upon the band director's recommendation and principal's approval.*

BAND IV ADVANCED HONORS

This honors band course develops advanced skills in instrumental music while providing for marching band experience during the fall semester and concert band experience during the spring semester. The course includes required activities outside the regular school day that will be announced prior to the beginning of the semester. *The general expectation is that a student taking band in a given year will take both semesters. Students with specific academic needs or other curricular interests, however, will be allowed to take one semester or the other upon the band director's recommendation and principal's approval.*

FINE ARTS

COURSE OFFERINGS

COURSE DESCRIPTIONS

THEATER

TECHNICAL THEATRE BEGINNING

Students explore the various aspects of design and production for theatre. Areas of study may include scenery, lighting, sound, makeup, properties, costumes, and stage management.

TECHNICAL THEATRE INTERMEDIATE

Prerequisite - Technical Theatre Beginning

Students develop technical skills through design and production. Technical support for school productions requires participation in after-school rehearsals and performances.

TECHNICAL THEATRE PROFICIENT HONORS

Prerequisite - Technical Theatre Intermediate

Students who have demonstrated a high skill level in technical theatre can continue to study various areas of technical theatre by focusing on more advanced design and production skills. Students are expected to participate in after-school rehearsals and performances as well as provide technical support for school-based events.

TECHNICAL THEATRE ADVANCED HONORS

Prerequisite - Technical Theatre Proficient

Technical Theater is geared towards learning through production work. They will continue to learn increasingly more difficult theatre stage design, set and property construction, costumes, make-up, stage lighting, production crew, stage manager, director, and assistant director. Students are required to participate in productions for the school.

THEATER APPRECIATION

The purpose of this course is to increase students' understanding, appreciation, and critical perceptions of the theatrical event. Readings and lessons will focus on the elements of theatrical practice; artists and innovators of theatre throughout history.

MUSICAL THEATER PRODUCTION

Musical Theatre will expose students to a wide range of onstage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and all other aspects of musical production. The students in this class will also be **REQUIRED** to take part in the Spring Musical.

INTRODUCTION TO ACTING THEATRE I BEGINNING

This course covers the fundamentals of acting and character development. Students create believable characters through improvisation, pantomime/mime, monologues, two-person scenes and group scenes. Blocking techniques, vocal work, body movements and facial expressions are areas explored by Theatre I students. Students are required to attend one theatrical performance each semester and critique the play. Students also read a play each semester.

FINE ARTS

COURSE OFFERINGS

COURSE DESCRIPTIONS

THEATRE II INTERMEDIATE: STYLES OF ACTING

Prerequisite - Introduction to Acting Theatre I

This course complements the work begun in Theatre I by incorporating a study of the styles of stage performance. Scenes from different historical periods and cultural perspectives are selected, directed and performed by the students under the supervision of the instructor. Learning lines is a requirement of this course. Students perform audition style monologues and produce an analysis for a one-act play they might direct. In addition, students are required to audition for all after school theatre productions. Note: Acceptance of a role is not required. Attendance at a minimum of one theatrical performance each quarter is required and attendance at local school performances is encouraged.

THEATRE III PROFICIENT HONORS

Prerequisite - Theatre II Intermediate: Styles of Acting

This course extends the concepts and skills developed in Theatre II by incorporating a study of multiple acting techniques, including Stanislavski's and Uta Hagen's techniques. Students complete independent scene work, develop a professional acting portfolio, and extend their knowledge of theatre history. Students produce and audition a full length student directed project. In addition, Theatre III students audition for all school productions. Note: Acceptance of a role is not required. Attendance at a minimum of one theatrical performance each quarter is required and this should include attendance at one of the school theatre productions.

THEATER IV ADVANCED HONORS

Prerequisite - Theatre III Proficient Honors

Honors Theater IV operates as an independent production company run by students producing formal and informal theater that is relevant to their community. It explores many styles of theater and is evaluated for process, content and production quality, based on evaluation tools developed by the ensemble. Design of a full theatrical season and the completion of at least three formally produced shows within that season is required.

VOCAL MUSIC BEGINNING

This introductory course is open to all students who have an interest in singing. In this class, choral literature is studied in both classical and contemporary fields. Some study is given to a review of the mechanics of music, composers, and music appreciation. Emphasis is placed on correct vocal production, proficiency in music reading, and performance skills. Participation in after-school rehearsals and performances is expected.

VOCAL MUSIC INTERMEDIATE

Prerequisite - Vocal Music Beginning

Students will demonstrate proficient skills relating to vocal production, music theory knowledge, and performance techniques. This group studies and performs more advanced levels of choral literature, including diverse genres and historical periods. Emphasis is on refined tone quality, balance, intonation, interpretation, and ear-training. Strong sight-reading and musical literacy skills are prerequisite to participate at this level of study.

Students continue developing vocal skills through extensive study of classical and contemporary works. Adequate proficiency in sight-reading and a basic understanding of the fundamentals of music are necessary because of the vast amount of choral literature taught and memorized during the year. Participation in after-school rehearsals and performances is expected.

VOCAL MUSIC PROFICIENT HONORS

Prerequisite - Vocal Music Intermediate

Success at the honors level requires rigorous study, excellence in performance, extensive knowledge of all areas of music including music theory, and an in-depth study of a variety of advanced music literature. Participation in after-school rehearsals and performances is expected.

WORLD LANGUAGES COURSE OFFERINGS

COURSE DESCRIPTIONS

SPANISH 1

Spanish I is designed to give students a balanced exposure to all four language skills and culture, centered around the accurate reproduction of Spanish sounds and the ability to comprehend spoken Spanish. The following are course objectives: accurate pronunciation; a working knowledge of the structure and function of the Spanish verb system, with primary emphasis on the present tense; acquisition of basic vocabulary; cultural understanding; and ability to comprehend spoken Spanish that uses familiar vocabulary and structures. Upon completion of the course, students should be able to communicate, at the very minimum, at Novice Mid proficiency level.

SPANISH 2

Prerequisite - Spanish 1

This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the past and present, both inside and outside of the classroom setting. Students will compose related sentences which narrate, describe, compare, and/or summarize familiar topics from the culture. Students will develop a better understanding of the similarities and differences between cultures and languages and examine the influence of the beliefs and values on the culture. Instruction will mostly be in Spanish.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

AGRICULTURE

AGRICULTURAL MECHANICS I

This course develops knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. The primary purpose of this course is to prepare students to handle the day-to-day problems and repair needs they will encounter in their chosen agricultural career. Topics include agricultural mechanics safety, agricultural engineering career opportunities, hand/power tool use and selection, electrical wiring, fencing, paints and preservatives, basic metal working, basic agricultural construction skills related to plumbing, carpentry, basic welding, and leadership development. English language arts, mathematics, and science are reinforced.

AQUACULTURE I

In this course students are introduced to aquaculture concepts. Students learn about the history of the development of aquaculture and what the importance of aquaculture is. The course focuses on the different types of aquatic environments, important aquatic species and plants, management of aquatic species, and marketing concepts dealing with aquaculture businesses.

AQUACULTURE II

Prerequisite - Aquaculture I

This course further develops student's understanding of aquaculture concepts that were introduced in Aquaculture 1. The course focuses on best management practices for the cultivation and harvesting of several aquatic species including alligators, frogs, oysters, tilapia, trout, catfish, crabs, and striped sea bass. It also focuses on aquaponic systems and the cultivation of aquatic plants. Aquaculture structures, species nutrition, fish health and disease, water quality issues and concerns, regulatory agencies involved with aquaculture, business management concepts, and career opportunities are also topics covered in this course.

ANIMAL SCIENCE I

This course focuses on animal physiology, breeding, nutrition, health, and best management practices in preparation for an animal science career. Leadership development and employability skills are integral to the course and are delivered through authentic experiences. English language arts, mathematics, and science are reinforced in this class.

ANIMAL SCIENCE II - COMPANION ANIMAL

Prerequisite - Animal Science I

This course focuses on animal welfare, safe handling practices, nutrition, digestion, breeding, grooming, care, classification, and the history of the companion animal industry. Leadership development and employability skills are integral to the course and are delivered through authentic experiences. English language arts, mathematics, and science are reinforced in this class.

ANIMAL SCIENCE II - FOOD ANIMAL

Prerequisite - Animal Science I

This course focuses on animal anatomy, physiology, digestion, reproduction, housing and facilities, management, and genetics of the food animal industry. Leadership development and employability skills are integral to the course and are delivered through authentic experiences. English language arts, mathematics, and science are reinforced in this class.

BIOTECHNOLOGY & AGRISCIENCE RESEARCH I

This course provides instruction in the technologically advanced world of agriculture and life sciences. Students are exposed to the latest techniques and advances in plant and animal biotechnology with a strong emphasis on hands-on activities. The FFA student organization and work-based learning experiences are integrated throughout this course to bring the scientific information to students for real-life application.

CTE

COURSE OFFERINGS

BIOTECHNOLOGY & AGRISCIENCE RESEARCH II

Prerequisite - Biotechnology and Agriscience Research I

This course provides instruction in laboratory and safety skills needed by agricultural research scientists. Current applications of biotechnology in animal science, environmental science, food science, and plant science are emphasized. Basic concepts of genetics and microbiology are applied to the agriculture industry and its success in providing food and fiber for the world. Opportunities exist for students to conduct individual or team research experiments. Hands-on laboratories and current topic discussions provide students with an understanding of careers in agriscience research. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, internship, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

EQUINE SCIENCE I

This course focuses on the basic scientific principles and processes related to equine physiology, breeding, nutrition, and care in preparation for a career in the equine industry. English language arts, mathematics, and science are reinforced.

EQUINE SCIENCE II

Prerequisite - Equine Science I

The course focuses on more advanced applications of feeding, breeding, and management - practices involved in the horse industry. English language arts, mathematics, and science are reinforced.

HORTICULTURE I

This course provides instruction on the broad field of horticulture with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, and career opportunities. English language arts, mathematics, and science are reinforced.

HORTICULTURE II

Prerequisite - Horticulture I

This course covers instruction that expands scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, and personal development. English language arts, mathematics, and science are reinforced.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

BUSINESS

ENTREPRENEURSHIP I

In this course, students evaluate the concepts of going into business for themselves and working for or operating a small business. They become acquainted with channel management, pricing, product/service management, and promotion. Emphasis is on the exploration of feasible ideas of products/services, research procedures, business financing, marketing strategies, and access to resources for starting a small business. Students will be introduced to the Lean Canvas Business Model (LCBM) throughout the course. English language arts and social studies are reinforced.

ENTREPRENEURSHIP II

Prerequisite - Entrepreneurship I

In this course, students continue the development of a business idea and develop an understanding of pertinent decisions to be made for business positioning, financing, staffing, and profit planning. Students acquire in-depth understanding of business regulations, risks, management, and marketing and will develop a business plan. English language arts, mathematics, and social studies are reinforced.

MICROSOFT WORD AND POWERPOINT

Students in the Microsoft Imagine Academy benefit from world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom environment. In the first part, students will learn to use the current version of Microsoft Word interface, commands, and features to create, enhance, customize, share, and create complex documents, and publish them. In the second part, students will learn to use the current version of Microsoft PowerPoint interface, commands, and features to create, enhance, customize, and deliver presentations. Art and English language arts are reinforced.

BUSINESS ESSENTIALS

This course introduces students to topics related to business, finance, management, and marketing to cover business in the global economy, functions of business organization and management, marketing basics, and the significance of business financial and risk management. English language arts, social studies, and mathematics are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Cooperative education is not available for this course. Apprenticeship is not available for this course. DECA (an association for Marketing Education students) and Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

SPORTS MARKETING

In this course, students are introduced to sport and event industries. Students will develop an understanding of marketing, branding, promotion, media, and marketing data as they relate to the sport and event industries.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

FAMILY & CONSUMER SCIENCE

CHILD DEVELOPMENT

This course introduces students to responsible nurturing and basic application of child development theory, beginning with prenatal development up to children age 5. Areas of study include effects of family on individuals and society; prenatal development and care; understanding how children develop; and care of infants, toddlers, and preschoolers.

EARLY CHILDHOOD EDUCATION I

Prerequisite - Child Development, must be age 16 before September 1, and able to provide their own transportation to and from internship site(s).

This two-credit course prepares students to work with children in early childhood education settings. Topics of study include historical, theoretical, and philosophical foundations of the profession, the structure of early childhood programs, connecting appropriate learning activities and teaching strategies to developmental needs of children, inclusive environments, communicating expectations, setting limits, and guiding behavior, as well as personal growth in the field of child development. An internship makes up 50 percent of instructional time. Due to student participation in internships at early childhood centers that are licensed by the Division of Child Development and Early Education, students must be 16 years of age before September 1 and provide their own transportation to and from internship site(s).

INTERIOR DESIGN FUNDAMENTALS

This course engages students in exploring various interior design professions, while building the content knowledge and technical skills necessary to provide a foundational knowledge of the design industry. Emphasis is placed on design thinking and utilization of the interior design process; human, environmental, and behavioral factors; color theory, elements, and principles of design; hand sketching/digital design techniques, space planning, selection of products and materials for residential interiors; client relationship building and design communication techniques. English/language arts, mathematics, science, art, and technology are reinforced.

INTERIOR DESIGN STUDIO

Prerequisite - Interior Design Fundamentals

This course prepares students for entry-level and technical work opportunities in the residential and non-residential interior design fields. Students deepen their understanding of design fundamentals and theory by designing interior plans to meet living space needs of specific individuals or families. Topics include application of design theory to interior plans and production, selection of materials, and examination of business procedures. Art and mathematics are reinforced.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

HEALTH SCIENCE

FOUNDATIONS OF HEALTH SCIENCE

This course is designed for students to acquire foundational knowledge pertinent to healthcare professionals. Topics include advancements in healthcare, medical terminology, mathematics used in healthcare, the domains of healthcare, and in-demand healthcare careers. Students will enhance their communication, leadership, and career decision-making skills. English language arts and mathematics are reinforced.

HEALTH SCIENCE I

This course is developed to focus on human anatomy, physiology, and human body diseases and disorders, and recognizing and responding to first aid emergencies. Students will learn about healthcare careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course.

HEALTH SCIENCE II

Prerequisite - Health Science I

This course developed to help students expand their understanding of the healthcare industry, including employability skills, safety and infection control procedures, and clinical skills used by allied health professionals. In addition, students will demonstrate their understanding of cardiovascular and respiratory systems by applying BLS CPR skills. Projects, teamwork, and demonstrations serve as instructional strategies to reinforce the curriculum content. English language arts and science are reinforced in this course.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

PUBLIC SAFETY

FIREFIGHTER TECHNOLOGY I

This course covers part of the NC Firefighter certification modules required for all Firefighters in North Carolina. The modules include Orientation, Communications, Health and Safety, PPE, Building Construction, Portable Extinguishers, Fire Behavior, Tools and Forcible Entry, and Loss Control. English language arts are reinforced.

FIREFIGHTER TECHNOLOGY II

Prerequisite - Firefighter Technology I

This course covers part of the NC Firefighter certification modules required for all firefighters in North Carolina. The modules include: Ladders, Ventilation, Ropes and Knots, Search and Rescue, Water Supplies and Hose and Streams and Appliances, and Emergency Medical Care. This course prepares students for the North Carolina firefighter certification modules. English language arts are reinforced.

FIREFIGHTER TECHNOLOGY III

Prerequisite or Co-requisite - Firefighter Technology II

This course covers part of the NC Firefighter certification modules required for all firefighters in North Carolina. The modules include: Rescue, Fire Detection and Suppression Systems, Fire and Life Safety Initiatives, Mayday, HM (HAZMAT) Ops, and TIMS. This course prepares students for the North Carolina firefighter certification modules. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. English language arts are reinforced.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

TRANSPORTATION

AUTOMOTIVE SERVICE FUNDAMENTALS

This course introduces automotive safety, basic automotive terminology, system and component identification, knowledge and introductory skills in hand tools, shop equipment, basic servicing, and use of service information. Also careers and various job opportunities in the automotive repair industry will be discussed. As part of the ASE Education Foundation accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts and mathematics are reinforced.

AUTOMOTIVE SERVICE I

Prerequisite - Automotive Service Fundamentals

This course develops automotive knowledge and skills in performing scheduled automotive maintenance, servicing, and basic testing of brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems, emphasizing hands-on experience. As part of the ASE Education Foundation accreditation topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts, science, and mathematics are reinforced.

AUTOMOTIVE SERVICE II

Prerequisite - Automotive Service I

This course builds on the knowledge and skills introduced in Automotive Servicing I and develops advanced knowledge and skills in vehicle system repair and/or replacement of components in the brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems, emphasizing hands-on experience. As part of the ASE Education Foundation accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts and mathematics are reinforced.

AUTOMOTIVE SERVICE III

Prerequisite - Automotive Service II

This course builds on the skills and knowledge introduced in Automotive Service I and II. Building advanced automotive skills and knowledge in vehicle servicing, testing, repair, and diagnosis of brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems, while emphasizing hands-on experience. As part of the ASE Education Foundation accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts and mathematics are reinforced.

CTE

COURSE OFFERINGS

COURSE DESCRIPTIONS

ADVANCED CTE COURSES

CTE ADVANCED STUDIES

Prerequisite: Two credits in one Career Cluster

This culminating course is for juniors and seniors who have earned two technical credits, one of which is a completer course, in one Career Cluster. The Advanced Studies course must augment the content of the completer course and prepare students for success in transitioning to postsecondary education and future careers. Students work under the guidance of a teacher with expertise in the content of the completer course in collaboration with community members, business representatives, and other school-based personnel. The four parts of the course include writing a research paper, producing a product, developing a portfolio, and delivering a presentation. Students demonstrate their abilities to use 21st century skills. Competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

CTE INTERNSHIP

A CTE Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. The teacher, student, and the business community jointly plan the organization, implementation, and evaluation of an internship, regardless of whether it is an unpaid or paid internship.

VETERINARY ASSISTING

Prerequisite - Animal Science I & II

This course provides instruction for students desiring a career in animal medicine. Topics include proper veterinary practice management and client relations, pharmacy and laboratory procedure, advanced animal care, and surgical/radiological procedures. Applied mathematics, science and writing are integrated throughout the curriculum. Advanced FFA leadership will be infused throughout the curriculum to develop the student's ability to work with the public. All aspects of this course will feature hands-on skill sets designed to enhance experiential learning. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are cooperative education, internship, mentorship, service-learning job shadowing and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skill through authentic experiences. Students who wish to take the Veterinary Assisting Exam developed by Texas Veterinary Medical Association to be a Certified Veterinary Assistant (CVA) Level 1 should complete an additional 500 hours of supervised agricultural experience (SAE) during their three animal science courses. Two hundred SAE hours focus on the care and management of animals; will be substantiated by records and conducted under the direct supervision of the agricultural teacher. Hours may be earned any time during the year including summer months. An additional 300 hours of supervised agricultural experience (worked based learning) will be conducted as an internship program in animal medicine under the supervision of a licensed veterinarian or certified veterinary technician who will attest that participating students have mastered a standard set of skills used in animal medicine as identified by the cooperating teacher. Hours may be earned any time during the year including summer months.

CTE CAREER PATHWAYS

CTE CAREER PATHWAYS

- Agricultural Education (AG)
 - Animal Science
 - Equine Science
 - Plant Systems
 - Power, Structural, and Technical Systems
- Business, Finance, and Marketing Education (BFM)
 - Entrepreneurship
- Family & Consumer Sciences (FCS)
 - Early Childhood Development and Services
 - Interior Design
- Health Science Education
 - Healthcare Professional
- Trade, Technology, Engineering, and Industrial Education
 - Automotive Services
 - Firefighter Technology

More information can be found through the PCHS school counselors or through the NC CTE website https://center.ncsu.edu/nccte-cms/program_pathways.php

EXTENDED CONTENT COURSE OFFERINGS

COURSE DESCRIPTIONS

NC ELECTIVE HEALTH, SAFETY, INDEPENDENT LIVING

This course is designed to make available functional life skills that students require to effectively support participation in curricula, community and recreational/ leisure activities. This course may be reflected in a student's schedule more than once.

NC VOCATIONAL PREPARATION

This course is designed to allow exploration of interest and skills for post-secondary employment opportunities. Students learn necessary skills that will allow them essential components for workplace readiness and career preparation. This course may be reflected in a student's schedule more than once.

**2022-2023
COURSE CATALOG**



**COLLEGE OF THE
ALBEMARLE
OPPORTUNITIES**

COLLEGE OF THE ALBEMARLE OPPORTUNITIES

CAREER & COLLEGE PROMISE (CCP) ASSOCIATE DEGREE PATHWAYS

- Associate Degree Pre-Nursing Pathway
- Associate in Arts in Teacher Preparation Pathway
- Associate in Arts Pathway
- Associate in Engineering Pathway
- Associate in Fine Arts in Visual Arts Pathway
- Associate in Fine Arts in Theatre Pathway
- Associate in Science in Teacher Preparation Pathway
- Associate in Science Pathway

CAREER & COLLEGE PROMISE (CCP) CTE PATHWAYS

- Agribusiness Technology
- Aviation
- Criminal Justice
- Early Childhood Education
- Emergency Medical Science
- General Business Administration
- Global Business
- Health and Fitness Science
- Healthcare IT Foundations
- IT: Computer Programming
- IT: Workplace IT Professional
- Medical Assisting
- HVAC Technology
- Computer-Aided Drafting
- Computer Integrated Machining
- Culinary Arts
- Human Services Technology
- Nurse Aide
- Phlebotomy
- Welding Technology

More information can be found through the PCHS school counselors or through the College of The Albemarle website <https://www.albemarle.edu/apply-register/degree-seeking-credit-students/high-school-students/>