Gates County High School

Course Selection Guide
2022-2023 SCHOOL YEAR

9th GRADE

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Gates County High School

Home of the Red Barons

"Soaring on the Wings of Success"

Dear Parents and Students:

Welcome to Gates County High School (GCHS) and the beginning of your flight to "Destination Graduation". We are excited about the Class of 2026 joining the Red Barons. The scheduling and course selection process for the 2022-2023 school year is important for students, parents, and GCHS. We will conduct online registration and publication of the Curriculum Guide. The following arrangements are in place to help facilitate this process:

The Curriculum Guide is located at the high school website homepage http://gates.k12.nc.us/Domain/326. Look under the title "Site Shortcuts" and you will see a link to the **2022-2023 9th Grade Curriculum Guide**. If you are unable to access the document and need a hard copy, please contact the front office and a copy will be provided for you.

The included documents outline how to register for classes utilizing the Parent Portal system in PowerSchool.

Course selection has a short and long-term impact on your student's academic career. In the short term, the selection of courses provides students with a schedule that helps them meet the state requirements for each grade level, which results in receiving a high school diploma. Long-term course selection provides the foundation for a student's future plans for post-secondary education, the military, or entrance into the work world.

We look forward to meeting with you at Freshman Orientation which will take place August 25th. If you have any questions regarding the registration process, contact information is included in this packet.

Sincerely,

Jonathan W. Hayes

Jonathan W. Hayes, Principal

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MINIMUM ADMISSION REQUIREMENTS AT THE 16 CAMPUSES OF THE UNIVERSITY OF NORTH CAROLINA

For the graduating class of 2006 and beyond:

Six course units in **language** including:

- four units in English emphasizing grammar, composition, and literature,
- two units of a language other than English

Four course unit of **mathematics**, in any of the following combinations:

- Algebra I and II, geometry, and one unit beyond algebra II,
- Algebra I and II, and two units beyond algebra, or
- Integrated math I, II, and III, and one unit beyond integrated math III.

(The fourth unit of math affects applicants to all institutions except the North Carolina School of the Arts.) It is recommended that prospective students take a mathematics course unit in the twelfth grade.

Three course units of **science**, including:

- at least one unit in a life or **biological science** (for example, biology),
- at least one unit in **physical science** (for example, physical science, chemistry, physics), and
- at least one **laboratory** science

Two course units in **social studies**, including:

- one unit in U.S. History, but an applicant who does not have the unit in U.S. History may be admitted on the condition that at least three semester hours in that subject will be passed by the end of the sophomore year.

The minimum high school GPA for students entering in Fall 2013 and beyond is 2.5 weighted. SAT minimum: 1010 Reading and Math combined. ACT minimum: 19 composite.

THE UNIVERSITY SYSTEM OF NORTH CAROLINA

Appalachian State University
Elizabeth City State University
North Carolina A&T State University
North Carolina School of the Arts
Pembroke State University
University of North Carolina at Chapel Hill
University of North Carolina at Greensboro
Western Carolina University
North Carolina School of Science and Math
East Carolina University
Fayetteville State University
North Carolina Central University
North Carolina State University
University of North Carolina at Asheville
University of North Carolina at Charlotte
University of North Carolina at Wilmington
Winston-Salem State University

North Carolina Graduation Requirements
for Students Entering 9th grade in 2021-22 and Later

The North Carolina State Board of Education has approved a Future-Ready Core Course of Study that will prepare all students for careers and college learning in the 21st century. Former State Board of Education Chairman Howard Lee has commented, "The Future-Ready Core will help ensure that students graduate with the academic foundation they need for success in the global economy. The Core gives students the ability to tailor course concentrations to fit their interests and goals – including opportunities for college-level work – while building a strong academic foundation."

CONTENT AREA	FUTURE-READY CORE
English	**4 Credits** English I, II, III, IV
Mathematics	**4 Credits** Math 1, Math 2, Math 3, a fourth Math course (Ex. Math 4, Pre-Calc, etc.)
Science	**3 Credits** Earth/Environmental Science, Biology, Physical Science *or* Chemistry
Social Studies	**4* Credits** World History, Founding Principles of the United States of America and North Carolina: Civic Literacy, Economics and Personal Finance, American History
World Languages	Not required for graduation, but **2 credits** of the same language are required for admission to the UNC System
Health and Physical Education	**1 Credit**
Electives **Career Technical Education** **Arts Education** **JROTC**	**6 Credits** **2 elective credits of any combination from either:** o Career and Technical Education (CTE) o Arts Education (dance. music, theater arts, & visual arts) o World Languages **4 elective credits strongly recommended (four course concentration) from one of the following:** o CTE o JROTC (not offered at GCHS) o Arts Education o Any other academic subject area
Total	**27 Credits**

*****EXIT STANDARDS****

Students will be required to take four end-of-course (EOC) assessments: Biology, English II, Math I and Math III.

Early Graduation

Students may graduate early provided that the student has met all graduation requirements and has completed at least 27 credits. Rising seniors will need to indicate to the senior counselor during registration that they would like to finish their coursework in January. Please be aware that there is only one graduation ceremony, which is held in June.

Waivers

PLEASE NOTE: If a student does not meet the prerequisites for a course, the parent/guardian will be required to sign a waiver in order for the student to take the course. This waiver will be contingent upon Principal approval. Students who do not meet appropriate prerequisites should meet with a counselor to review course options.

NC Academic Scholars Endorsement

1. The student shall complete the Future-Ready Core mathematics sequence of Math I, II, III; Algebra I, Geometry, Algebra II; or Integrated Math I, II, III and a fourth-level mathematics course that meets University of North Carolina system Minimum Course Requirements that include a mathematics course with either Math III, Algebra II, or Integrated Mathematics III as a prerequisite;
2. The student shall complete three course credits of science including an Earth/Environmental science course, Biology, and at least one physical science course that must include either physics or chemistry;
3. For students entering ninth grade in 2012-13 or later, the student shall complete four course credits of social studies;
4. The student shall complete two course credits of a world language (other than English);
5. The student shall complete four elective course credits in any one subject area, such as Career and Technical Education (CTE), JROTC, Arts Education, World Languages, or in another content area;
6. The student shall have completed at least three higher-level courses during junior and/or senior years which carry quality points such as Advanced Placement, International Baccalaureate or Dual Enrollment courses; Advanced CTE and CTE credentialing courses; honors level courses, or Project Lead the Way courses; and
7. The student shall earn an unweighted grade point average of at least 3.50.

SCIENCE

Science as Inquiry
Traditional laboratory experiences provide opportunities to demonstrate how science is constant, historic, probabilistic, and replicable. Although there are no fixed steps that all scientists follow, scientific investigations usually involve collections of relevant evidence, the use of logical reasoning, the application of imagination to devise hypotheses, and explanations to make sense of collected evidence. Student engagement in scientific investigation provides background for understanding the nature of scientific inquiry. In addition, the science process skills support development of reasoning and problem-solving ability and are the core of scientific methodologies.

Earth/Environmental Science **Grade: 9** **Credit: 1 unit**

Prerequisite: None

This freshman-level course is a survey of geology, hydrology, meteorology, climate, astronomy, and the interaction of natural resources and the environment. This course will follow the Earth/Environmental Science Essential standards. A cumulative NC Final Exam will be administered as a final assessment.

Honors Earth/Environmental Science **Grade: 9** **Credit: 1 unit**

Prerequisite: 90 or above in 8th grade science and teacher recommendation

This freshman-level course is a survey of geology, meteorology, oceanography, astronomy, and the interaction of natural resources and the environment. This honors level course is reading, writing, and project-based learning intensive. This course will follow the Earth/Environmental Science Essential Standards. A cumulative NC Final Exam will be administered as a final assessment.

Honors Biology **Grade: 10** **Credit: 1 unit***

Prerequisite: Same as Biology and freshmen enrolled in honors Math II. Students must have earned at least a 90 in the previous science course. Teacher recommendation may be required.

Biology is the study of cells, the biochemical processes that make life possible, DNA structure and DNA technology, genetics, evolution, classification, the interdependence of organisms within their environments and the understanding of the impact of human activities on the environment. This course will follow the Biology Essential Standards. A computerized End of Course test will be administered upon completion of the course.

HEALTH/PHYSICAL EDUCATION

Health and PE **Grade: 9** **Credit: 1 unit**

Prerequisite: None

This is a required course for graduation and will include fifty percent of physical education and fifty percent of health education. Students must dress out for physical activity. Topics will include Physical Education – motor skill development, health-related fitness, movement concepts, and personal and social responsibility; Health Education – mental/emotional health, personal and consumer health, interpersonal communication and relationships, nutrition and physical activity, and alcohol, tobacco, and other drugs.

ENGLISH

English I and English I Honors **Grade: 9** **Credit: 1 unit**

Prerequisite: For English I- Honors – in order to enroll in English Honors, students need a minimum final grade of 90 in their previous Honors English class or 93 in their previous Regular English class, a score of four on their previous English EOC or NC State Final, and recommendation from their previous English teacher.

The ninth grade English I Common Core Standards course is an overview of excellent literature across the major forms and genres (short story, novel, poetry, drama, epic poetry, and literary nonfiction). Each unit focuses on a genre and a related theme. Students in English I will begin to read and respond to literary criticism. In formal seminar discussions, students further investigate philosophical and literary questions that arise in the texts. In addition to discussing and writing about works, students memorize poems and excerpts of speeches and learn to deliver them with expression. At the end of the ninth grade, students are prepared for focused literary study. A state-mandated and written Common Exam will be administered as a final assessment.

The honors course increases in the complexity of works and assignments. Students must demonstrate self-motivation and the ability to complete work independently.

MATHEMATICS

Foundations of Math **Grade: 9** **Credit: 1 unit**

Prerequisite: None

This is an entry-level math course for ninth graders. It continues the study of algebraic concepts. It includes operations, polynomials, creation and application of linear functions and relations, algebraic representations of geometric relationships, and an introduction to nonlinear functions. Appropriate technology, from manipulatives to calculators and application software will be used regularly for instruction and assessment. Requires a final assessment prepared locally.

Math I **Grade: 9** **Credit: 1 unit**

Prerequisite: 8th Grade Honors Math or score of 4 or 5 on the 8th Grade Math EOG, maintained a grade of 80+, and scored 80% proficient on the screening test.

Math I provides students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics, and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties, and interpreting categorical and quantitative data. A portion of the assessments will be calculator inactive. Requires a final assessment prepared by the State Department of Public Instruction.

Math II Honors **Grade: 9-11** **Credit: 1 unit***

Prerequisite: 4 on Math I EOC, 90 average, and teacher recommendation

This course demands a more challenging approach to the student's study of Math II concepts. Students will rely primarily on deductive methods of proof in their study of two-and-three- dimensional geometric figures. Students will have opportunities to take greater responsibility for their learning. A project will be required. Requires a final assessment prepared by the State Department of Public Instruction.

Math III **Grade: 9-12** **Credit: 1 unit**

Prerequisite: Math II

Math III 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 and the unit circle. Math III also includes the geometric concepts of conics and circles. Requires a final assessment prepared by the State Department of Public Instruction.

Math III Honors **Grade: 9-12** **Credit: 1 unit***

Prerequisite: 90 or above on previous Math course and teacher recommendation

This course is designed for the more advanced student. The same topics will be studied as in regular Math III, but these topics will be covered in greater depth and at a faster pace. Appropriate technology, from manipulatives to calculators and application software will be used regularly for instruction and assessment. A project will be required. Requires a final assessment prepared by the State Department of Public Instruction.

SOCIAL STUDIES

World History **Grade: 9** **Credit: 1 unit**

Prerequisite: None

This required course for graduation is taught on the ninth grade level. This is a general survey course of World History where students focus on different topics of history including Ancient Civilizations, Middle Ages, Renaissance and Age of Exploration, Revolution and Industrial changes, and both World Wars. This course will cover periods up to the 21st century. The desired outcome of this course is that students will broaden their historical perspectives as they explore ways societies have dealt with concepts such as civilization, revolution, government, economics, war, stability, movement, and technology. In addition, students will develop an understanding of current events and relate them to their historical contexts.

Honors World History **Grade: 9** **Credit: 1 unit**

Prerequisite: 90 in 8th grade social studies and teacher recommendation

This course focuses on the recurring themes of human experience common to civilizations around the globe from ancient to contemporary times. The application of the themes of geography and an analysis of the cultural traits of civilizations will help students understand how people shape their world and how their world shapes them. Readings from primary sources will be used extensively as well as project-based learning. The course is reading, writing, and homework intensive.

CULTURAL ARTS

Visual Arts (Beginning) **Grade: 9-12** **Credit: 1 unit**

Prerequisite: None

Visual Arts (Beginning) is an introductory art course for students with little to no art experience. This course is aligned to the Essential Standards visual arts curriculum at the beginning level and features the foundational study of the elements of art and principles of design, color theory, art vocabulary, use and

care of art tools and equipment, art criticism, art history and safety in the art room. Art I explores various art media, processes, procedures, aesthetic theories, and historical developments.

Public Speaking and Media Communications (Beginning) **Grade 9-12** **Credit: 1 unit**

This course will focus on speech and communication. Students will study famous speakers and the art of giving speeches (students will be able to prepare and deliver well-organized speeches and participate in group discussions). Emphasis will be on preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Students will engage in the following types of communication learning experiences: podcasting, commercials, videos, broadcasting, and student Ted Talks. Student competitions will be part of the curriculum.

Dance (Beginning) **Grade: 9-12** **Credit: 1 unit**

Prerequisite: None

This course is designed for students with no or limited progression in dance education. The students will learn movement skills of various dance styles, choreographic structures and principles, and performance values. The cultural and historical connections with dance will be studied. This course gives the students an opportunity to develop a positive attitude toward themselves, others, and dance as an art form. The students will participate in in-class performances and have the option of participating in the end-of-semester recital.

Theatre Arts (Beginning) **Grade: 9-12** **Credit: 1 unit**

Prerequisite: None

Theater Arts I provides a setting where students can find challenges that they can master. This course includes dramatic literature/evaluation of performance; theater history; pantomime and movement; voice, diction, and oral interpretation; and acting/directing. The goals of the course are to develop skills in the use of language; to develop cooperation skills with others to provide a sense of achievement; to develop a capacity for understanding and appreciation of cultural concepts; and to develop personality, self-concept, and self-esteem. Requires a final assessment prepared locally.

Marching Band (Fall Semester) **Grade: 9-12** **Credit: 1 unit**

Prerequisite: 6th, 7th, and 8th grade band participation and/or private summer instruction Students must pass a scale/rudiment playing examination with at least eighty percent proficiency and attend summer marching band camp in order to participate in Marching Band.

Band emphasizes the development of musical knowledge, perception, and comprehension through performance. Students will learn a variety of musical and rehearsal techniques necessary to elevate individual and group performance to an artistic level. Elements of music theory are discussed and applied to a diverse selection of concert and marching band literature. The band functions as a marching band through the month of October and then transfers over to concert literature. This course requires not only class time, but some after school rehearsals and events. Students will compete in at least three band competitions, home football games, parades, and other events with the marching band. Other opportunities for members of the band include All-District Solo Auditions, pep band, and other small ensembles. Requires a final assessment prepared locally. ** There is a fee for summer marching band camp.

Concert Band (Spring Semester) **Grade: 9-12** **Credit: 1 unit**

Prerequisite: 6th, 7th, and 8th grade band participation and/or private summer instruction. Students must pass a scale/rudiment playing examination with at least eighty percent proficiency in order to participate in Concert Band.

Band emphasizes the development of musical knowledge, perception, and comprehension through performance. Students will learn a variety of musical and rehearsal techniques necessary to elevate individual and group performance to an artistic level. Elements of music theory are discussed and applied to a diverse selection of concert band literature. The concert band will participate in Festivals at the discretion of the band director as well as two concerts during the spring semester. Other opportunities for members of the band include All-District Solo Auditions, pep band, and other small ensembles.

Auxiliary Band (Color Guard) **Grade: 9-12** **Credit: 1 unit**

Prerequisite: Audition and attendance at summer marching band camp.

This course will emphasize the development of choreography and musical knowledge, perception, and comprehension through performance. Students will perform in conjunction with the marching band during the fall semester and as a winter guard unit during the spring semester. Students will learn basic techniques, as well as the creative aspects or coordinating a visual presentation with music or the marching band's musical presentation. These techniques will be applied through performance with the marching band and winter guard ensemble. Students will refine skills on the flag and other visual ensemble equipment (rifle, ribbon, etc). Requires a final assessment prepared locally. **There is a fee for summer marching band camp

Chorus **Grades: 9-12** **Credit: 1 unit**

Chorus is a performance-based class that can be taken in either the fall or spring semesters. In this class, you learn about how to sing properly, develop music reading skills, and learn other music basics. The class performs various styles and genres of music. Any rehearsals and performances are mandatory.

Strings **Grades: 9-12** **Credit: 1 unit**

This class is for beginning guitar students. We will use acoustic guitars only, and students may use school-owned guitars if they do not own their own instruments. The course will cover basic music and chord reading, basic strum and pick patterns, and basic improvisational techniques.

Percussion **Grade: 9-12** **Credit: 1 unit**

Percussion Ensemble is a performance-oriented class that focuses on the performance of both current and historical percussion repertoire. This class utilizes a large variety of percussion instruments including but not limited to: piano, marching percussion instruments, marimba, vibraphone, accessory percussion, etc. This performance group is a great class for all levels of percussion ability as it covers everything from basic rhythmic patterns to advanced world percussion polyrhythms. The ability to read music is helpful but not required. As this ensemble is a performance-based ensemble all after school concerts and events are required.

AGRICULTURAL EDUCATION

Agriscience Applications **Grade: 9-10** **Credit: 1 unit**
***NC Hunter Safety Course certification available**

Proof of Learning: Performance-Based Measurement-students must complete objectives on-campus

Prerequisite: None

This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science, and agribusiness. Topics of instruction include agricultural awareness and literacy, employability skills, and introduction to all aspects of the total agricultural industry. English language arts, mathematics, and science are reinforced.

Aligned Career Technical Student Organization: Future Farmers of America (FFA)
Career Cluster: Agriculture, Food, & Natural Resources
Pathway Levels: Supplemental Employability Skills course for the following pathways:
Plant Systems Power, Structural, and Technological Systems

BUSINESS, FINANCE, AND MARKETING EDUCATION

Principles of Business and Finance **Grade: 9-12** **Credit: 1 unit**

Proof of Learning: CTE State Assessment

Prerequisite: None

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.

Aligned Career and Technical organization: Future Business Leaders of America (FBLA)
Career Clusters: Hospitality and Tourism
Pathway Level: Travel and Tourism-prerequisite course

CAREER DEVELOPMENT EDUCATION

Career Management **Grade: 9-12** **Credit: 1 unit**
***Conover Credential Workplace Readiness certification available**

Proof of Learning: CTE State Assessment

Prerequisite: None

This course prepares students to locate, secure, keep, and change careers. Emphasis is placed on self-assessment of characteristics, interests, and values; education and career exploration; evaluation of career information and creation of a career plan. Based on the National Career Development Guidelines, skills learned in this course include, but are not limited to communications, interpersonal skills, problem-solving, personal management, and teamwork. English language arts is reinforced. Student participation in Career and Technical Student Organization (CTSO) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Career Clusters: Agriculture, Food, & Natural Resources
Information Technology
Health Science
Hospitality & Tourism
Science, Technology, Engineering, & Mathematics
Pathway Level: Supplemental Employability Skills course for the following pathways:
Biomedical Technology
Computer Science Principles
Digital Design and Animation
Food and Nutrition
Food Products and Processing Systems
Healthcare Professional
Plant Systems
Power, Structural, and Technological Systems
Sports and Entertainment Marketing
Technology Engineering and Design
Travel and Tourism

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Microsoft Word and PowerPoint **Grade: 9-12** **Credit: 1 unit**
***MOS in Word and/or PowerPoint certification available**

Proof of Learning: Credential (Word & PowerPoint)

Prerequisite: None

Students 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.

Aligned Career and Technical organization: Future Business Leaders of America (FBLA)
Career Cluster: Agriculture, Food, & Natural Resources
Information Technology
Hospitality and Tourism
Science, Technology, Engineering & Mathematics
Pathway Level: Supplemental Employability Skills course for the following pathways:
Biomedical Technology
Computer Science Principles
Digital Design and Animation
Food and Nutrition
Food Products and Processing Systems
Healthcare Professional
Plant Systems
Power, Structural, and Technological Systems
Sports and Entertainment Marketing
Technology Engineering and Design
Travel and Tourism

Computer Science I **Grade: 9-12** **Credit: 1 unit**
Proof of Learning: Performance-Based Measurement-students must complete objectives on-campus

Prerequisite: None
This course is an introductory course intended to familiarize students with the general concepts and thinking practices of computing, computer science, and information science. Students will learn computing concepts through authentic visual and interactive projects using visual programming languages. Students

will focus on the "big CS ideas" in creative ways that emphasize conceptual knowledge and thinking practices rather than on programming alone. The big ideas in CSP include computing as a creative activity, abstraction, facilitating knowledge creation through computing, algorithms, problem-solving, the Internet, and the global impact of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play. Art, English language arts, and mathematical concepts are reinforced.

Aligned Career and Technical organization: Future Business Leaders of America (FBLA)
Career Cluster: Information Technology
Pathway Levels: Computer Science Principles-prerequisite course

HEALTH SCIENCES EDUCATION

Foundations of Health Science **Grade: 9-12** **Credit: 1 unit**
Proof of Learning: CTE State Assessment

Prerequisite: None

This course is designed to assist potential health care workers in their roles and function as health team members. Topics include medical terminology, the history of health care, healthcare agencies, ethics, legal responsibilities, health careers, holistic health, health care trends, cultural awareness, communication, medical math, leadership, and career decision-making. English language arts are reinforced.

Aligned Career Technical Student Organization: Future Health Professionals (HOSA)
Career Cluster: Health Science
Pathway Levels: Supplemental Employability Skills course for the following pathways:
Biomedical Technology Healthcare Professional

TECHNOLOGY ENGINEERING AND DESIGN

Technology Engineering and Design **Grade: 9-12** **Credit: 1 unit**
Proof of Learning: Performance-Based Measurement-students must complete objectives on-campus

Prerequisite: None
Recommend: strong computer skills

This course focuses on the nature and core concepts of technology, engineering, and design. Through engaging activities and hands-on project-based activities, students are introduced to the following concepts: elements and principles of design, basic engineering, problem-solving, and teaming. Students apply research and development skills and produce physical and virtual models. Activities are structured to integrate physical and social sciences, mathematics, English, language arts, and art.

Career Cluster: STEM-Science, Technology, Engineering & Mathematics
Pathway level: STEM-Science, Technology, Engineering & Mathematics-prerequisite course

FAMILY & CONSUMER SCIENCE

Foods and Nutrition I **Grade: 9-12** **Credit: 1 unit**
***ANSI- Accredited Food Handler Certificate available**

Proof of Learning: CTE State Assessment

Prerequisite: None

This course examines the nutritional needs of the individual. Emphasis is placed on the fundamentals of food production, kitchen and meal management, food groups and their preparation, and time and resource management. English language arts, mathematics, science, and social studies are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course.

Aligned Career Technical Student Organization: Family, Career, and Community Leaders of America (FCCLA).
Career Clusters: Hospitality & Tourism
Agriculture, Food, & Natural Resources
Pathway Levels: Food and Nutrition-prerequisite course
Food Products and Processing Systems-prerequisite course

Classes available through North Carolina Virtual Public High School (NCVPS)

**NCVPS requirements for 9th grade:

* Students must have an 85 average in 8th grade English
- Be an independent learner.
- Meet all prerequisites (if any) for the course.

Success 101 **Grade: 9** **Credit: 1unit**

Prerequisites: None
This course focuses on providing new high school students with the skills necessary to be successful during their secondary and postsecondary educational careers. Emphasis will be placed on the acquisition of study skills, development of techniques for note-taking, procedures for reviews, and learning modalities unique to individual students. In addition, students will analyze the importance of post-secondary education by exploring everyday living expenses through real-life applications. The use of technology to prepare and present information, conduct research, develop media skills, and apply problem-solving strategies in the academic disciplines are included.

Leadership Development **Grade: 9-12** **Credit: 1 unit**

Prerequisites: None
Students will explore and analyze twenty qualities of effective leadership and distinguish between management and leadership. They will investigate both positive and negative leadership roles in current and historical contexts. Students will self-reflect on leadership and how it applies to their own lives. Students will develop knowledge of themselves through assessment and reflection and use that information as well as knowledge of others to improve their own leadership skills, including communication and interpersonal dynamics. Students will develop a personal leadership portfolio and will be encouraged to participate in an individualized service project in their own community.

Music Appreciation **Grade: 9-12** **Credit: 1 unit**

Prerequisites: None
This course provides an overview of music from the early ages to the present. The course focuses on the use and value of music in the lives of the human population. It encourages students to view music in the social context of human life in all cultures rather than abstract information to be learned for its own sake. History will be used as a primary resource for understanding how music came to be, changed over time, and becomes a global language/connection as new technology continues to develop. Throughout this course many types of styles/genres will be explored.

OCCUPATIONAL COURSE OF STUDY

Occupational English I **Grade: 9** **Credit: 1 unit**
Prerequisite: None

Students in Occupational English I explore and examine a variety of communication modes and the importance each plays in daily living and employment settings. They apply reading and writing strategies to interpret and express factual, functional information. They use oral language strategies to communicate effectively in both formal and informal situations.

OCS Introduction to Mathematics **Grade: 9-10** **Credit: 1 unit**

Prerequisite: None
This course continues the study of mathematical computations, financial management, time and measurement, independent living, and technology. Students will acquire these skills through hands-on approaches and cooperative learning within the classroom and community.

OCS Applied Science **Grade: 9-11** **Credit: 1 unit**

Prerequisite: None
This course is designed to provide students with the knowledge necessary to practice safety in all areas of life and maintain a healthy lifestyle. Students will also receive instruction in the provision of first aid and accessing medical care. Students will have opportunities to apply skills in the area of healthy living and safety to various situations within the home, community, and workplace.

Career Training I, II, III, and IV **Grade: 9-12** **Credit: 1 unit per course**

Prerequisite: None
These courses are designed to allow students the opportunity to complete their 300 hours of school-based employment. Students will be assigned to work with staff members completing various school-based jobs.

Occupational Preparation I **Grade: 9** **Credit: 1 unit**

Prerequisite: None

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 will participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will be involved in on-campus vocational training activities such as school factories, work-based enterprises, hands-on vocational training in Workforce Development Education courses, 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 Occupational Preparation courses.