

2025-2026



Stokes County Schools

**HIGH SCHOOL
REGISTRATION GUIDE**

**Where Bonds Run Deep
AND Futures Look Bright**



Vision

Stokes County Schools: Empowering all students to achieve and succeed.

Mission

To provide, in a safe and supportive environment, a 21st Century education for all students to be globally competitive.

Motto

It is not the roads you travel, but the lives you impact as you travel the roads.

Slogan

Students First.

It is our belief that students in all Stokes County Schools high schools have access to a well-rounded high school curriculum consisting of core courses in English, mathematics, social studies and science, in addition to a second language, the arts, physical education, and Career-Technical Education. You are encouraged to read the course descriptions carefully and to plan an individualized program best suited to your needs. We further believe that our high school curriculum offers both the substance and the practicality to prepare students for the future.

Non-Discriminatory Policy Stokes County Schools

In compliance with federal laws, the Stokes County School System administers all educational programs, extracurricular activities, employment activities and admissions without discrimination on the basis of race, religion, national or ethnic origin, color, age, military service, disability or gender, except where exemption is appropriate and allowed by law.

This notice is provided in accordance with Title VI of the Civil Rights Act of 1964, Title VII of the Civil Rights Act; Title IX of the Education Amendments of 1972, The Age Discrimination in Employment Act (ADEA); Section 504 of the Rehabilitation Act of 1973 and The Americans with Disabilities Act (ADA) of 1990.

Persons having inquiries or grievances should contact Dr. Jared Jones, Title VII and IX Coordinator, or Dr. Lisa LaMonica, Section 504 Coordinator, at the Board of Education Office, P. O. Box 50, Danbury, NC 27016. Dr. Jones can be reached by phone at 336-593-8146 and Dr. Lisa LaMonica can be reached by phone at 336-536-9010. Inquiries may be forwarded directly to the Office of Civil Rights, 200 Independence Ave. SW, Washington, DC 20201, 1(800) 368-1019.

Special Note

This guide is as accurate as possible on the date of publication, but please be aware that additional changes in course offerings may be necessary to accommodate student needs and interests and to comply with changing state requirements. High school counselors, working closely with middle school counselors, will have the latest information should changes be necessary.

For curriculum questions, please contact Dr. Marcy Roan, Chief Academic Officer at 336-593-8146.



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General Information

Before you choose your courses, it is important that you know as much as possible about the requirements for graduation that apply to the year you enter high school. This Course Selection Guide provides information to help you choose eight courses for the 2025-2026 school year.

The form on the last page of this guide is for you to use in planning your high school courses. All students are encouraged to read the information and to discuss course selections with their teachers, counselors, and parents. Be sure you look at grade level and prerequisite requirements for the courses you choose. Also, be sure the course is offered at your school (see school counselor if needed).

The listing of any course in this Course Selection Guide does not obligate the school to offer that course should there be insufficient interest in the course during registration or staff licensure requirements that prevent the course offering.

NUMBER OF COURSES REQUIRED FOR PROMOTION AND GRADUATION The total number of units required for promotion and graduation for most students is listed below. Some students' requirements will vary because of special circumstances. See a school counselor if you need help determining your requirements.

- Students must earn **5 credits** (courses) to be a **sophomore**
- Students must earn **12 credits** (courses) to be a **junior**
- Students must earn **20 credits** (courses) to be a **senior**
- Students must earn **22 credits** to graduate

UNWEIGHTED GPA

Grades in a one-unit course earn grade points as follows: A = 4, B = 3, C = 2, D = 1. The points earned are divided by the number of units attempted to determine the Grade Point Average (GPA). This unweighted GPA determines eligibility for NC Academic Scholar recognition, National Honor Society, and athletic or extracurricular activities.

WEIGHTED GPA

Grades in a one-unit course earn the following quality points as indicated below. The points earned are divided by the number of units attempted to determine the weighted grade point average.

	Regular	Honors	AP/IB
A	4	4.5	5
B	3	3.5	4
C	2	2.5	3
D	1	1.5	2

GRADING SCALE

North Carolina uses a 10-point grading scale for all students.

A	90-100
B	80-89
C	70-79
D	60-69
F	59 and below

HONOR GRADUATES Students who have achieved the Grade Point Average (GPA) listed below after the seventh semester of high school will graduate with honors:

- 3.8 unweighted – Cum Laude
- 4.0 - 4.1499 weighted – Cum Laude



General Information

- 4.15 - 4.2499 - Magna Cum Laude
- 4.25 or Higher - Summa Cum Laude

EARLY GRADUATION Students who wish to graduate early upon completion of seven semesters of high school course work should be aware of the following:

1. Students must successfully complete all courses required under the chosen Course of Study. The number of courses required for graduation is not reduced for early graduates.
2. The school is under no obligation to alter schedules to accommodate a request for early graduation.
3. Student status automatically terminates upon early graduation; an early graduate may not participate as a student in any school activity except prom, senior trip, and the next scheduled commencement program.
4. A notice of intent must be completed and signed by the student and by a parent/legal guardian if the student is under age 18. The last semester of enrollment as a full-time student must be in a Stokes County high school.

UNC SYSTEM MINIMUM ADMISSION REQUIREMENTS The following courses are minimum course requirements for the sixteen schools in the University of North Carolina system:

- 4 English Courses
- 4 Math Courses (Math I, II, and III, plus one additional math for which Math III is a prerequisite)
- 3 Science Courses (Biology, a physical science, & 1 other – Chemistry is recommended)
- 2 Social Studies Courses (U.S. History and one other unit of history)
- 2 Second Language Courses

UNIVERSITY OF NORTH CAROLINA SCHOOLS (UNC System)

- | | | |
|------------------------|--------------------------|-----------------------|
| ▪ Appalachian State | ▪ N.C. State | ▪ UNC/Pembroke |
| ▪ East Carolina | ▪ UNC School of the Arts | ▪ UNC/Wilmington |
| ▪ Elizabeth City State | ▪ UNC/Asheville | ▪ Western Carolina |
| ▪ Fayetteville State | ▪ UNC/Chapel Hill | ▪ Winston-Salem State |
| ▪ N.C. A & T State | ▪ UNC/Charlotte | |
| ▪ N.C. Central | ▪ UNC/Greensboro | |

State and Local Graduation Requirements

To stay on track for a high school diploma, every high school student must meet state course and credit requirements as well as any local requirements. There are two pathways to graduation. Most students will follow the **Future Ready Core Course of Study** in column two of the following page, while some students with an Individualized Education Program (IEP) may follow the **Future Ready Occupational Course of study** in column three. Your school counselor is available to answer any questions you may have about what you need to reach your goal of high school graduation.



FOR 9TH GRADERS ENTERING IN AUGUST 2021 AND BEYOND:

Content Area	FUTURE READY CORE (Most common pathway to graduation)	FUTURE READY OCCUPATIONAL (Select students with IEPs)
English	4 Credits <ul style="list-style-type: none"> English I English II English III English IV or designated combination 	4 Credits <ul style="list-style-type: none"> English I English II English III English IV
Math	4 Credits <ul style="list-style-type: none"> NC Math 1 NC Math 2 NC Math 3 and a fourth Math course to be aligned with the student's post high school plans: Math Options Chart 	3 Credits Introduction to Mathematics, Math I, Financial Management 4 Credits <ul style="list-style-type: none"> Introduction to Mathematics NC Math I Financial Management Employment Preparation IV Math
Science	3 Credits <ul style="list-style-type: none"> A Physical Science Biology Earth/Environmental Science 	2 Credits <ul style="list-style-type: none"> Applied Science, Biology 3 Credits <ul style="list-style-type: none"> Applied Science Biology Employment Preparation I Science*
Social Studies	4 Credits <ul style="list-style-type: none"> World History American History Founding Principles of the USA & NC: Civic Literacy Economics and Personal Finance 	2 Credits <ul style="list-style-type: none"> Founding Principles of the USA & NC: Civic Literacy or Founding Principles of Civics & Economics Economics and Personal Finance 4 Credits <ul style="list-style-type: none"> Founding Principles of the USA & NC: Civic Literacy Economics and Personal Finance Employment Prep Citizenship 1A** Employment Prep Citizenship 1B**
CPR	Successful completion of CPR for students graduating 2015 and beyond	Successful completion of CPR for students graduating 2015 and beyond
Health/PE	1 Credit <ul style="list-style-type: none"> Health/Physical Education 	1 Credit <ul style="list-style-type: none"> Health/Physical Education
Computer Science	1 Credit Required beginning with 2026-2027 9th graders*	1 Credit Required beginning with 2026-2027 9th graders*
Other requirements	6 state requirements with a course concentration in any of the areas below strongly recommended Career and Technical Education (CTE) Arts Education World Language JROTC Arts Education (dance, music, theater arts, visual arts) Any other subject area (social studies, science, mathematics, English)	6 Credits Occupational Preparation: Occupational Prep I or Employment Prep 1* Occupational Prep II or Employment Citizenship 1A and 1B** Occupational Prep III or Employment Prep Citizenship 2A and 2B** Occupational Prep IV or Employment Prep IV IEP Goal Mastery or Objective Mastery Career Portfolio*** Work Requirements*** 2 credits <ul style="list-style-type: none"> Employment Prep Citizenship 2A



FOR 9TH GRADERS ENTERING IN AUGUST 2021 AND BEYOND:

		<ul style="list-style-type: none"> • Employment Prep Citizenship 2B** • IEP Goal Mastery or Objective Mastery • Career Portfolio*** • Work Requirements***
Career/ Technical		4 Credits <ul style="list-style-type: none"> • Career/Technical Education electives
Arts Education	All students must complete ONE arts credit (music, visual art, theater arts, dance) between Grade 6 and 12 in order to graduate from high school, beginning with those students entering Grade 6 in 2022 (Senate bill 681)	All students must complete ONE arts credit (music, visual art, theater arts, dance) between Grade 6 and 12 in order to graduate from high school, beginning with those students entering Grade 6 in 2022 (Senate bill 681)
Total	22 credits	22 Credits

*G.S.115C-12(9d) requires the State Board of Education to include instruction in Computer Science in the standard course of study for high school students. G.S.115C-12(9d) was adopted by the North Carolina Legislature on September 21, 2023, and was signed into law on September 29, 2023. The following is a highlight of the requirements of G.S.115C-12(9d).

Computer Science:

- Adds one credit of Computer Science instruction to the North Carolina Graduation Requirements starting for students entering ninth grade in the 2026-2027 school year.
- This will not increase the total number of credits needed for graduation but reduces the total required number of elective credits by one.

Students Exempted from the Computer Skills Graduation Requirements

- Students entering a public high school after completing the eleventh grade will be exempt from the Computer Science graduation requirement.
- Students on an individualized education program may be exempted if their disability would prevent them from completing the graduation requirement.

Early Graduation Students who wish to graduate early upon completion of seven semesters of high school course work should be aware of the following:

1. Students must successfully complete all courses required under the chosen Course of Study. The number of courses required for graduation is not reduced for early graduates.
2. The school is under no obligation to alter schedules to accommodate a request for early graduation.
3. Student status automatically terminates upon early graduation; an early graduate may not participate as a student in any school activity except prom, senior trip, and the next scheduled commencement program.
4. A notice of intent must be completed and signed by the student and by a parent/legal guardian if the student is under age 18. The last semester of enrollment as a full-time student must be in a Stokes County high school.



Courses Offered

All courses listed in this guide are one semester, one credit courses, unless otherwise noted. Courses can be taken for credit one time only, unless otherwise noted. Students who plan to attend a four-year college or university should consider registering for honors level courses where available. Students in honors level classes will be expected to complete assignments above and beyond those of the standard level courses.

The Future Ready Occupational Course of Study (FROCS) provides a variety of instructional support and accommodations for students with intellectual and developmental disabilities that meet certain requirements on their path to graduation. Courses with accommodations available for this course of study will be noted with FROCS in the description.

English

ENGLISH FLOW CHART

Grade 9	Grade 10	Grade 11	Grade 12
English I	English II	English III	English IV
English I Honors	English II Honors	English III Honors	English IV Honors
		AP Language Comp	AP Literature
			CCRG**

Flow charts contain potential course sequences and may vary based on individual student trajectory.

ENGLISH I (FROCS)

The student will recognize and respond to information from informational and literary texts and will study different genres of literature, grammar, literature conventions, elements of literature, and literary terms. Emphasis is placed on various writing activities, critical thinking, and vocabulary terms, including ACT and SAT.

Grade: 9

Prerequisite: none

ENGLISH I

The successful completion of this course (or English I Honors) is required for graduation. The student will recognize and respond to information from informational and literary texts and will study different genres of literature, grammar, literature conventions, elements of

literature, and literary terms. Emphasis is placed on various writing activities, critical thinking, and vocabulary terms, including ACT and SAT.

Grade: 9

Prerequisite: none

FOUNDATIONS OF READING

Students will be immersed in a course of study designed to build upon their foundation of literacy skills. Through the use of high-interest fiction and nonfiction texts, students will develop their reading fluency, comprehension, and vocabulary.

Grade: 9-12

Prerequisite: none

ENGLISH I HONORS

The student will recognize and respond to information from informational and literary texts.

They will also study different genres of literature, grammar, literature conventions, elements of literature, and literary terms.

Emphasis is placed on various writing activities, critical thinking, and vocabulary terms, including ACT and SAT. Honors English I will demand more challenging involvement than the standard English I, providing multiple opportunities for students to take greater responsibility for their learning in independent reading, research, and presentation as well as seminars and debates.

Grade: 9

Prerequisite: teacher recommendation

INTRO TO ENGLISH II

This course will serve students who need reinforcement with literary terms, writing skills, and reading



Courses Offered

strategies before moving on to English II. Additionally, the course is designed to improve basic reading skills, increase vocabulary knowledge, increase reading fluency, and teach comprehension strategies. The course will focus on critical reading and writing skills, and prepare students for the rigor of English II and the End of Course exam. Intro to English II is highly recommended for students who are below grade level in reading and students who have difficulties comprehending what they read.
Grade: 10
Prerequisite: English I

ENGLISH II (FROCS)

The student will study informational and literary texts including world literature, vocabulary, mechanics of writing, and communication skills. Students will focus on writing skills as they apply to all subject areas in addition to ACT and SAT preparation. Students are required to take the state End-of-Course-Test.
Grade: 10
Prerequisite: English I

ENGLISH II HONORS

The student will study informational and literary texts including world literature, vocabulary, mechanics of writing, and communication skills. Honors English II will demand more challenging involvement than English Standard II, providing multiple opportunities for students to take greater responsibility for their learning in the areas of critical thinking, interdisciplinary connections, reading, research, presentation, and discussion topics. Students will focus on writing skills as they apply to all subject areas. Students are required to take the state End-of-Course-Test.
Grade: 10

Prerequisite: English I Honors, teacher recommendation

ENGLISH III (FROCS)

The student will study informational and literary texts including American literature, vocabulary, mechanics of writing, communication skills, and rhetorical analysis. Students will be required to write a research and/or a literary critical paper. Students will focus on writing skills as they apply to all subject areas in addition to ACT and SAT preparation.

Grade: 11

Prerequisite: English II

ENGLISH III HONORS

The student will study informational and literary texts including American literature, vocabulary, mechanics of writing, communication skills, and rhetorical analysis. Honors-level students will be required to write a research and/or a literary critical paper. Emphasis is placed on SAT/ACT preparation, critical thinking, and interdisciplinary connections in preparation for the challenges of a college environment.

Grade: 11

Prerequisite: English II Honors, teacher recommendation

AP ENGLISH LANGUAGE AND COMPOSITION

The successful completion of this course meets the graduation requirement for English III. This course meets requirements of both the North Carolina Essential Standards for English III and The College Board Advanced Placement English Language and Composition. This course should train students to become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. The student will study American literature, criticism

of prose writings, the enhancement of oral communication skills, and in-depth writing and research skills. Numerous outside reading and writing assignments are required for the successful completion of this course. Summer reading is required. Emphasis is placed on an in-depth study of rhetoric, critical thinking, and interdisciplinary connections in preparation for the challenges of a college environment. Students will complete a college level research paper. College Board Curriculum will be taught to gain college credit or be better prepared for college courses. College Board Curriculum will be taught to gain college credit or be better prepared for college courses.
Grade: 11

Prerequisite: AP teacher recommendation; English I Honors and English II Honors preferred

ENGLISH IV (FROCS)

The student will study informational and literary texts including European literature, the history of the English language, vocabulary, mechanics of writing, and communication skills. All students will be required to write a research and/ or a literary paper.

Grade: 12

Prerequisite: English III

ENGLISH IV HONORS

The student will study European literature, the history of the English language, vocabulary, mechanics of writing, communication skills, and rhetorical analysis. All students will be required to write a research and/ or a literary paper. Honors students will take greater initiative in the selection of reading, research, and presentation topics, seminar-based discussion and debate, and critical thinking needed to be successful in a college environment.
Grade: 12



Courses Offered

Prerequisite: English III Honors, teacher recommendation

AP ENGLISH LITERATURE AND COMPOSITION

The successful completion of this college level course meets the graduation requirements for English IV. This course meets requirements of both the North Carolina Essential Standards for English IV and The College Board Advanced Placement English Literature and Composition. The course engages students in the careful reading and critical analysis of imaginative literature. Students will develop critical standards for interpreting the effects writers create by means of artful manipulation of language. This course combines American, British, and world literature to enable students to gain a better understanding of the written word. The course will focus on expository prose, the enhancement of oral communication skills, and an in-depth study of literary elements and historical relevance of selected works. A mandatory summer assignment is required for successful completion of the course. College Board Curriculum will be taught to gain college credit or be better prepared for college courses.

Grade: 12

Prerequisite: AP teacher recommendation; AP English Language III preferred

ANNUAL

This one semester course is an elective for students who are interested in being on the yearbook staff. Students will be working with writing and editing techniques, layout and graphic design, photography, and promoting/selling yearbooks, and advertising sales. With teacher approval, this course

can be taken for credit more than once. (Select students may receive Honors credit for this course if they meet all of the requirements.

Annual advisor will determine if a student is eligible for honors credit.)

Grades: 9-12

Prerequisite: Annual advisor recommendation, application required

CREATIVE WRITING

This course is designed to help those students who are interested in and exhibit a talent for creative writing. Students will be encouraged to develop skills in the following areas: short stories, poems, and essays. Emphasis will be placed on the development of creative thinking abilities and creative writing techniques. Students will be required to do oral presentations as determined by the instructor. Course activities will also include the publication of a literary magazine. Students can take this course more than one time for credit, but only once during an academic year.

Grades: 11-12

Prerequisite: teacher recommendation

Offered at: North Stokes High School

**CCRG ENGLISH

Any NC high school student who has an unweighted GPA (UGPA) between 2.2 and 2.799 as a high school junior after the completion of the first semester or second semester is required to take English with the CCRG content in the senior year of high school. Students with an unweighted GPA below 2.2 may opt into CCRG English.

Grade: 12

Prerequisite: GPA requirement



Courses Offered

Mathematics

MATH FLOW CHART

Grade 9	Grade 10	Grade 11	Grade 12
Foundations of Math I*	Foundations of Math II*	NC Math II	NC Math IV
NC Math I	NC Math II	NC Math III (must be taken by Grade 11)	Pre-Calculus
NC Math II	NC Math III	NC Math IV	AP Calculus
NC Math III	Pre-Calculus	Pre-Calculus	AP Statistics
			CCRG Math**

Flow charts contain potential course sequences and may vary based on individual student trajectory. Four Math Courses are required for NC Graduation. NC Math 1, 2, and 3 and a fourth mathematics course that is aligned to post high school plans. Please see the [Math Options Chart](#) for fourth Math options.

*FOUNDATIONS OF MATH I

This course provides students a survey of preparatory topics for high school mathematics, including the foundations for high school algebra and geometry. Appropriate technology from manipulatives to calculators, are used regularly for instruction and assessment. This course can be coupled with Math 1 during Grade 9 to help students be more successful in Math 1.

Grade: 9

Prerequisite: school recommendation

INTRODUCTION TO MATH (FROCS only)

Students learn basic computation skills including the manipulation of whole numbers, decimals, fractions and percentages. Instruction is provided in measuring time, predicting patterns, and graphing. Students are also exposed to basic algebraic concepts. Students will apply mathematical concepts to solve problems.

Prerequisite: none

FINANCIAL MANAGEMENT (FROCS only)

Financial Management provides students with a foundation in financial planning and money management needed for independent living. Students are introduced to the concepts of income and other forms of financial compensation for work performed along with state and federal income tax requirements. Students learn about credit and how to maintain a positive credit rating. Additional course objectives include an understanding of fiscal responsibility, including the concept of "needs vs. wants". Students learn about different types of insurance and how to analyze differences between banks and credit unions. Students have opportunities to practice basic computation skills throughout this course.

Prerequisite: Math I

Note: Employment Preparation IV

is a math credit.

NC MATH I

This course provides students the opportunity to study traditional topics from algebra, geometry, probability, and statistics in a problem-centered, connected approach. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Appropriate technology, from manipulatives to calculators and application software, will be used regularly for instruction and assessment. Students are required to take the state End-of-Course Test.

Grades: 9-12

Prerequisite: 8th Grade Math, teacher recommendation for honors

NC MATH I (FROCS)

This course provides students the opportunity to study traditional



Courses Offered

topics from algebra, geometry, probability, and statistics in a problem-centered, connected approach. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Appropriate technology, from manipulatives to calculators and application software, will be used regularly for instruction and assessment. Students are required to take the state End-of-Course Test.

Grades: 9-12

Prerequisite: 8th Grade Math, teacher recommendation for honors

NC MATH II

This course continues students' study of topics from algebra, geometry, and probability in a problem-centered, connected approach. Functions and algebraic representations of geometric concepts are the principle topics of study. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Appropriate technology, from manipulatives to calculators and application software, will be used regularly for instruction and assessment.

Grades: 9-12

Prerequisite: Math I, teacher recommendation for honors

NC MATH III

This course continues students' study of topics from algebra, geometry, and statistics in a problem-centered, connected approach. Functions and the deductive methods of proof with geometric concepts are the principle topics of study. Students

will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Appropriate technology, from manipulatives to calculators and application software, will be used regularly for instruction. Students are required to take the state End-of-Course-Test.

Grades: 10-12

Prerequisite: Math I and II, teacher recommendation for honors

NC MATH IV

The primary focus of this course is on functions and statistical thinking, continuing the study of algebra, functions, trigonometry and statistical concepts previously experienced in NC Math I - III. The course is designed to be a capstone to introductory statistical concepts. 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. In many cases, undergraduate students majoring in non-STEM fields will take an entry-level Algebra or Introductory Statistics course. Students will be prepared for college level algebra and statistics or as a bridge to prepare students for Precalculus or other advanced math courses.

Grades: 11-12

Prerequisite: Math I, II and III

**CCRG MATH

This course is a survey of the fundamental skills required for freshman level/gateway college math courses. Demonstration of mastery of these skills in the course permits the student to have higher placement in community college

courses and better preparation for university math courses. The course topics include number sense, graphing, functions, geometry, statistics and trigonometry. This course will count as a fourth math toward graduation, but it does not meet the fourth level math requirement of the UNC system.

Grades: 11-12

Prerequisite: NC Math III

HONORS PRE-CALCULUS

The purpose of Precalculus is to build upon the study of algebra, functions, and trigonometry experienced in previous high school mathematics courses. This course will build on students' 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.

Grades: 11-12

Prerequisite: Math III, teacher recommendation

HONORS STATISTICS

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will observe patterns and departures from patterns, decide what and how to measure, produce models using probability and simulation, and confirm models. Appropriate technology, from manipulatives to calculators and application software will be used. Grades: 11-12, North Stokes only
Prerequisite: Math 3 Honors, teacher recommendation



Courses Offered

AP STATISTICS

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will observe patterns and departures from patterns, decide what and how to measure, produce models using probability and simulation, and confirm models. Appropriate technology, from manipulatives to calculators and application software will be used. College Board Curriculum will be taught to gain college credit or be better prepared for college courses. Grades: 10-12
Prerequisite: Honors Math II and/or Honors Math III and teacher recommendation.

Employment Preparation (FROCS only)

EMPLOYMENT PREPARATION IV MATH

Content Focus: Employability Skills, Self-Awareness, Self-Determination, Self-Advocacy, Technology, Employment Applied Math, Health and Safety, Career Development and Planning, Personal Management, and includes mathematical practices applied and integrated in the employment environment and supporting independent living
Purpose: This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Students will receive direct

instruction in the competency goals and objectives during class time and will be expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.



Courses Offered

Science

SCIENCE FLOW CHART

Grade 9	Grade 10	Grade 11	Grade 12
Earth/Environ. Science	Physical Science	Biology	Anatomy & Physiology*
Earth/Environ. Science Honors	AP Environ. Science	Physical Science	Honors Anatomy & Physiology*
Physical Science	Earth/Environ.Science	Biology	
Biology	Honors Biology	Physical Science	
Honors Biology	Chemistry	AP Chemistry	

Flow charts contain potential course sequences and may vary based on individual student trajectory.

*Elective Options

APPLIED SCIENCE (FROCS only)

This course will focus on forces and motion, energy and its conservation, electricity and magnetism; the properties of matter; the uses and dangers of common chemicals; how humans can have positive and negative effects on the environment and the understanding of the human body's basic needs and control systems. Prerequisite: none

EARTH/ENVIRONMENTAL SCIENCE

Earth and Environmental Science is designed to immerse students in the physical, biological, and environmental sciences that shape our earth. Scientific concepts, principles, and modern science practices allow students to analyze environmental issues, both natural and human induced, and engage in evidence based decision making in real world contexts. The curriculum topics include the rock cycle, lithosphere, meteorology, atmosphere, hydrosphere, and

biosphere, with an emphasis on environmental awareness and sustainability of the earth. This is a required, introductory science course that covers a varied group of studies including Meteorology and Astronomy. Grade: 9 Prerequisite: none

HONORS EARTH/ENVIRONMENTAL SCIENCE

This is a rigorous course designed to allow highly motivated students to conduct an in-depth study of the North Carolina Essential Standards Earth and Environmental Science. Students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. The curriculum will integrate inquiry investigations and a variety of technologies with the study of earth as a system. The impacts of human activities on earth systems will also be a focus. Students' investigations will be

communicated through presentations and formal laboratory reports.

Grade: 9

Prerequisite: teacher recommendation

AP ENVIRONMENTAL SCIENCE

This course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. College Board Curriculum will be taught to gain college credit or be better prepared for college courses. Grades: 10-12



Courses Offered

Prerequisite: teacher recommendation

PHYSICAL SCIENCE

This is a survey course of Physics and Chemistry. The course covers the basics of both fields to prepare the student for Physics and/or Chemistry. The course content features the topics of atomic theory, trends of the periodic table, chemical bonding and reactions, motion, forces, energy, waves, electricity, and magnetism. Fundamental skills of algebra are reinforced, particularly as Physics-related topics are addressed.

Grades: 9-12

Prerequisite: none

BIOLOGY (FROCS) This course investigates the concepts, principles, and theories used to understand how living things interact within their natural environment. Emphasis will be placed on the structure and function of the cell as the basic unit of life. The scientific method, scientific advancement and our social responsibility in the use of this knowledge are also stressed. Students are required to take the state End-of-Course-Test.

Grades: 9-11

Prerequisite: none

HONORS BIOLOGY This course is designed to give students a more challenging and in-depth Biology experience while also following the North Carolina Essential Standards in Biology. Students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. Students are expected to design and carry out several independent investigations of biological questions; read and report on recent research in biology and

demonstrate a more in-depth conceptual understanding of all biology objectives. Students are required to take the state End-of-Course-Test.

Grades: 9-11

AP BIOLOGY

This course is designed to be the equivalent of a college introductory biology, two semester course. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with the rapidly changing science of biology. College Board Curriculum will be taught to gain college credit or be better prepared for college courses.

Grades: 11-12

Prerequisite: Honors Biology, Chemistry (prior to or concurrently), teacher recommendation

CHEMISTRY

This course investigates the properties, composition and transformations of matter with a blend of concepts, terminology, problem solving and laboratory exercises. The academic rigors of this science course will help prepare students for higher level classes and therefore is recommended for college bound students. Honors level is a fast paced survey course with an emphasis on problem solving which necessitates a sound mathematical background. This class is recommended for highly motivated students. Standard level is similar to Honors but with an emphasis on basic problem solving and chemistry fundamentals.

Grades: 10-12

Prerequisite: Math I or concurrently with Math II recommended

HONORS CHEMISTRY

This is an accelerated, math-intensive laboratory course designed to give students a more conceptual and in-depth understanding of the concepts in the North Carolina Essential Standards in Chemistry. Students are expected to work independently on a variety of assignments and accept greater responsibility for their learning.

The course will include additional honors objectives and an in-depth independent study of chemistry-directed questions.

Grades: 10-12

Prerequisite: Math I or concurrently with Math II recommended; teacher recommendation

AP CHEMISTRY

This course simulates the first year of a general college chemistry course. At least one-third of the course concentrates on laboratory experiments while problem solving and academic material constitutes the remainder of the course. This class helps bridge the gap between high school and college. It is recommended for highly motivated students preparing for college or university level courses. College Board Curriculum will be taught to gain college credit or be better prepared for college courses.

Grades: 11-12

Prerequisite: Chemistry, completion of/or current enrollment in Math II, teacher recommendation, grade of "A" in Honors Chemistry

ANATOMY AND PHYSIOLOGY

The content of this course is designed to study the structure and function of the human body and provide an integrated view of how it works. The human body systems will be covered and homeostatic imbalances will be emphasized. This course provides a good



Courses Offered

foundation for any student planning to pursue a career in the allied health field. Areas to be studied are levels of organization, support and movement, control and regulation, fluids and transport, environmental exchange, and continuity of life.

Grades: 11-12

Prerequisite: Biology

HONORS ANATOMY AND PHYSIOLOGY

The content of this course is designed to study the structure and function of the human body through discussions, laboratory activities, animal dissections, and research projects. The human body systems will be covered and homeostatic imbalances will be emphasized. This course provides a good foundation for any student planning to pursue a career in the allied health field or life sciences. Areas to be studied are levels of organization, support and movement, control and regulation, fluids and transport, environmental exchange, and continuity of life.

Grades: 11-12

Prerequisite: Biology, Chemistry (can do chemistry concurrently) or teacher recommendation

HONORS PHYSICS

This course uses the North Carolina Essential Standards for Physics as a foundation for more challenging and advanced study that enriches key topics and broadens the student's view of the larger physics community. Students should have a strong mathematics and science background. Students will be required to 1. operate with algebraic expressions to solve complex equations which include trigonometric functions; 2. use exponents to solve problems; and 3. describe graphically, algebraically, and verbally

real-world functions and identify independent and dependent variables.

Grades: 11-12

Prerequisite: Chemistry & Math II, teacher recommendation



Employment Preparation (FROCS only)

EMPLOYMENT PREPARATION I SCIENCE

Content Focus: Employability Skills, Self-Awareness, Self-Determination, Self-Advocacy, Technology, Health and Safety, Career Development and Planning, Personal Management, and includes elements of the nature of Science. Purpose: This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Students will receive direct instruction in the competency goals and objectives during class time and will be expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community-based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.



Courses Offered

Social Studies

SOCIAL STUDIES FLOW CHART

Grade 9	Grade 10	Grade 11	Grade 12
World History	American History	Founding Principles of the USA & NC: Civic Literacy	Economics & Personal Finance

Flow charts contain potential course sequences and may vary based on individual student trajectory.

WORLD HISTORY

This course is a survey course that gives students the opportunity to explore recurring themes of human experience common to civilizations around the globe from ancient to contemporary times. An historical approach will be at the center of the course. 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. World History provides the foundation that enables students to acquire the knowledge which will be used in the study of Civics and Economics and United States History.

Grade: 9

Prerequisite: none

HONORS WORLD HISTORY

Students in this course will cover all of the material listed in the World History course. In addition, students will be required to do more analytical reading, writing, and research. This course will cover more content and move at a faster pace than the regular World History course.

Grade: 9

Prerequisite: Teacher recommendation for honors

AMERICAN HISTORY

Providing a foundation to understand our nation's past and present, the American History course begins with the end of the French and Indian War in 1763 and continues through the most recent presidential election. 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.

Grades: 10-12

Prerequisite: none

HONORS AMERICAN HISTORY

Providing a foundation to understand our nation's past and present, the American History course begins with the end of the French and Indian War in 1763 and continues through the most recent presidential election. 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.

Grades: 10-12

Prerequisite: teacher recommendation for honors.

FOUNDING PRINCIPLES OF THE UNITED STATES OF AMERICA AND NORTH CAROLINA: CIVIC LITERACY (FROCS)

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.

Grades: 10-12

Prerequisite: none, teacher recommendation for honors



Courses Offered

NORTH CAROLINA STANDARDS FOR ECONOMICS AND PERSONAL FINANCE (FROCS only)

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. The course will develop students who will understand economic decisions, use money wisely, understand education and career choices, and understand how to be financially responsible citizens. Students should be provided with the agency, tools, and knowledge necessary to live in and contribute to a financially sound society.

ECONOMICS AND PERSONAL FINANCE

This full credit course will focus on economics and personal finance, examining basic concepts on economic principles and personal financial literacy components in addition to planning and paying for postsecondary education.

Grades: 11-12

Prerequisite: none

HONORS ECONOMICS AND PERSONAL FINANCE

This full credit course will focus on economics and personal finance, examining basic concepts on economic principles and personal financial literacy components in addition to planning and paying for postsecondary education.

Grades: 11-12

Prerequisite: teacher recommendation

AP UNITED STATES HISTORY

This is a college-level course. The course will be a study of the development of the United States from the Pre-Columbian Exploration to the present. Writing and research will be an essential part of this course. This course is designed to give students an in-depth understanding of the roots of American values, institutions, events and the development of the American nation. College Board Curriculum will be taught to gain college credit or be better prepared for college courses.

Grades: 10-12

Prerequisite: teacher recommendation

Employment Preparation (FROCS only)

EMPLOYMENT PREPARATION II CITIZENSHIP 1A & 1B

Content Focus: Employability Skills, Self-Awareness, Self-Determination, Self-Advocacy, Technology, Citizenship, Health and Safety, Career Development and Planning, Personal Management, and includes themes of Social Studies, Citizenship, and Global Citizenship. Purpose: This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Students receive direct instruction

in competency goals and objectives during class time and are expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.

EMPLOYMENT PREPARATION III CITIZENSHIP 2A & 2B

Content Focus: Employability Skills, Self-Awareness, Self-Determination, Self-Advocacy, Technology, Citizenship, Health and Safety, Career Development and Planning, Personal Management, and includes themes of Social Studies, Citizenship, and Global Citizenship. Purpose: This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Students receive direct instruction in competency goals and objectives during class time and are expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.



Courses Offered

Computer Science

*G.S.115C-12(9d) requires the State Board of Education to include instruction in Computer Science in the standard course of study for high school students. G.S.115C-12(9d) was adopted by the North Carolina Legislature on September 21, 2023, and was signed into law on September 29, 2023. The following is a highlight of the requirements of G.S.115C-12(9d).

Computer Science:

- Adds one credit of Computer Science instruction to the North Carolina Graduation Requirements starting for students entering ninth grade in the 2026-2027 school year.
- This will not increase the total number of credits needed for graduation but reduces the total required number of elective credits by one.

Students Exempted from the Computer Skills Graduation Requirements

- Students entering a public high school after completing the eleventh grade will be exempt from the Computer Science graduation requirement.
- Students on an individualized education program may be exempted if their disability would prevent them from completing the graduation requirement

3D MODELING & ANIMATION I

(computer lab required)

This course is an introductory level course focusing on the concepts and tools used by digital artists in a wide variety of creative careers including graphic design, film, and game design. Students work with professional-grade creative software packages to develop 2D and 3D digital graphics and audio/video media. Students use Adobe CC Suite, and digital 3D modeling with 3DS Max to build needed skills for subsequent courses. (See also CTE 3D Modeling and Animation Pathway.)
Grades: 9-12

Prerequisite: none

3D MODELING & ANIMATION II

(computer lab required)

This course emphasizes the use of industry-standard digital technology and media to help students develop the artistic and technical skills necessary to plan, analyze, and create visual solutions to 21st Century communications problems.

Students engage in digital art activities using professional-grade creative software packages to develop complex 2D and 3D digital graphics and audio/video media. Students apply Adobe CC Suite and 3DS Max skills to industry-related activities and projects, mirroring workplace scenarios.

(See also CTE 3D Modeling and Animation Pathway.)

Grades 9-12

Prerequisite: 3D Modeling & Animation I

COMPUTER SCIENCE I - Level 1

Explore how data is stored, transmitted, and used by computers. Investigate the benefits and harms of quickly advancing technology on society. Produce unique and interactive computer programs. Gain the knowledge and skills for careers in the Computer Science Principles pathway. (See also CTE Computer Science Principles Pathway.)

Grades: 9-12

Prerequisite: none

AP COMPUTER SCIENCE PRINCIPLES - Level 2

(year long)

AP Computer Science Principles introduces students to the foundational concepts of the field and challenges them to explore how computing and technology can impact the world. (See also CTE Computer Science Principles Pathway.)

Grades: 10-12

Prerequisite: Computer Science I

GAME ART & DESIGN - Level 1

(computer lab required)

This course introduces students to techniques used in the electronic game industry. Students will focus on the principles used in game design including mathematical and virtual modeling. Emphasis is placed on areas related to art, history, ethics, plot development, storyboarding, programming, 2D Visual theory, and interactive play technologies. Students develop physical and virtual games using



Courses Offered

hands-on experience and a variety of software. Art, English language, arts, mathematics and science are reinforced. (See also *CTE Game Art Design pathway*)

Grades: 10-12

Prerequisite: 3D Modeling and Animation I

ADVANCED GAME ART AND DESIGN

Explore advanced game theory to continue the journey of the gaming industry. Level up production management skills on a real-world inspired game development team. Create 3D game levels and more using industry standard software. Gain the knowledge and skills for careers in the Game Art and Design pathway. (See also *CTE Game Art Design Pathway*)

Grades: 11-12

Prerequisite: Game Art and Design

PLTW INTRO TO ENGINEERING DESIGN - Level 1 (Honors level)

In this foundation Project Lead the Way (PLTW) Pathway to Engineering (PTE) course, students are exposed to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peer and members of the professional community. Art, English, language arts, mathematics and science are reinforced. (See also *PLTW Engineering Pathway*.)

Grades: 9-12

Prerequisite: none

PYTHON PROGRAMMING I

Craft basic programs utilizing Python programming language. Execute functions, loops, operations, and data sets in various programs. Design programs with considerations for ethics, security, and how to implement the problem-solving process throughout the coding process. Gain the knowledge and skills for careers in the Python Programming pathway. (See also *CTE Python Programming Pathway*)

Grades: 9-12

Prerequisite: none

PYTHON PROGRAMMING II HONORS

Design, write, debug, and run programs encoded in the Python language. Formulate program using Internet of Things (IoT) programs. Develop stories utilizing data sets, visualizations, and Python programming. Gain the knowledge and skills for careers in the Python Programming pathway. (See also *CTE Python Programming Pathway*)

Grades: 9-12

Prerequisite: Python Programming I

TECHNOLOGY, ENGINEERING & DESIGN - Level 1

Explore how technology evolved throughout human history. Discover the universal systems model in products and processes society uses every day. Build a scale model of a structure by applying the Engineering Design Process. Gain the knowledge and skills for careers in the Technology Engineering, and Design pathway. (See also *CTE Technology, Engineering & Design Pathway*)

Grades: 9-11

Prerequisite: none

TECHNOLOGY DESIGN - Level 2

Explore engineering through energy, manufacturing, and other industries. Fabricate prototypes to test design concepts. Engineer a solution to a problem in a community. Gain the knowledge and skills for careers in the Technology Engineering, and Design pathway.

(See also *CTE Technology, Engineering & Design Pathway*)

Grades: 9-12

Prerequisite: Technology, Engineering & Design



Courses Offered

Career and Technical Education (CTE)

Career development and Career and Technical Education (CTE) courses help students plan and gain skills for success in future careers. Programs in Career and Technical Education are designed to contribute to the broad educational achievement of students including basic skills such as reading, writing, and mathematics, as well as their ability to work independently and as part of a team, think creatively, solve problems, and utilize technology.

Career and TEchnical Education Pathways offer a head start on career pathways for students interested in career opportunities following high school graduation, or continuing in career pathways at NC Community Colleges. CTE Courses are listed by Career Cluster. Individual pathways are shown in table form indicating the courses included in each pathway.

Agriculture Education

Aligned Career Technical Student Organization: National FFA Organization (FFA)

Aligned Industry Credentials: NC Beef Quality Assurance, Youth for Quality Care of Animals (YQCA) Certification, Certification National Beef Quality Assurance, Cow/Calf Certification National Beef Quality, Assurance Feedyard Certification

Animal Science (ANSC)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	AA21 Animal Science I	AA22 Animal Science II Food Animal AA23 Animal Science II Companion Animal	AA41 Veterinary Assisting WA02 CTE Apprenticeship AGNR WE02 CTE Entrepreneurial Experience AGNR WI02 CTE Internship AGNR WO02 CTE Cooperative Education AGNR WP02 CTE Pre-apprenticeship AGNR WS02 CTE Advanced Studies AGNR Cooperative Education

ANIMAL SCIENCE I

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. English language arts, mathematics, and science are reinforced.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, South Stokes High School

ANIMAL SCIENCE II - FOOD ANIMAL (HONORS)

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.

Grades: 10-12

Prerequisite: Animal Science I

Offered at: North Stokes High School, South Stokes High School



Courses Offered

Plant Systems (PLSV)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	AP41 Horticulture I Intro to Plants	AP42 Horticulture II Plant Production AP44 Hort II Landscape Construction	WA02 CTE Apprenticeship AGNR WE02 CTE Entrepreneurial Experience AGNR WI02 CTE Internship AGNR WO02 CTE Cooperative Education AGNR WP02 CTE Pre-apprenticeship AGNR WS02 CTE Advanced Studies AGNR Cooperative Education

HORTICULTURE I - INTRODUCTION TO PLANTS

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.

Grades: 9-12

Prerequisite: none, Agriscience

Applications recommended

Offered at: North Stokes High School, South Stokes High School, West Stokes High School

HORTICULTURE II - PLANT PRODUCTION

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.

Grades: 11-12

Prerequisite: Horticulture I

Offered at: North Stokes High School, West Stokes High School

HORTICULTURE II - LANDSCAPE CONSTRUCTION HONORS

This course provides hands-on instruction and emphasizes safety skills needed by landscape technicians in the field. Students are instructed in interpreting landscape designs, identifying landscape plants, and planting/maintaining trees, shrubs, and turf. Landscape construction is emphasized in the areas of grading and drainage, irrigation, paver installation, and the use/maintenance of landscape equipment. Current topics discussions provide students an understanding of careers and employability skills needed to enter the landscape industry. English language arts, mathematics, and science are reinforced. Grades: 11-12

Prerequisite: Horticulture I

Offered at: West Stokes High School



Courses Offered

Power, Structural, and Technical Systems (PSTE)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	AS31 Agricultural Mechanics I	AS32 Agricultural Mechanics II AS33 Agricultural Mechanics II Small Engines	WA02 CTE Apprenticeship AGNR WE02 CTE Entrepreneurial Experience AGNR WI02 CTE Internship AGNR WO02 CTE Cooperative Education AGNR WP02 CTE Pre-apprenticeship AGNR WS02 CTE Advanced Studies AGNR Cooperative Education

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.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School

FOUNDATIONS OF AGRICULTURE

This is an elective course related to CTE Agriculture, Food, and Natural Resource Career Cluster. This course is not required for a pathway.

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.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, West Stokes High School



Courses Offered

Equine Science (EQSC)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	AA31 Equine Science I	AA32 Equine Science II	AA41 Veterinary Assisting WA02 CTE Apprenticeship AGNR WE02 CTE Entrepreneurial Experience AGNR WI02 CTE Internship AGNR WO02 CTE Cooperative Education AGNR WP02 CTE Pre-apprenticeship AGNR WS02 CTE Advanced Studies AGNR Cooperative Education

EQUINE SCIENCE I

Connect environmental factors to equine behavior. Conceptualize how anatomy influences equine movement and internal organs. Build knowledge of nutritional physiology and feeding management of horses. Explore the tools and equipment used to support equine sports and recreation through hands on activities. Build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom

instruction, and FFA participation. Gain the knowledge and skills for careers in the Equine Science pathway. Grades: 9-12
Prerequisite: none
Offered at: South Stokes High School

EQUINE SCIENCE II HONORS

Develop advanced applications in feeding and management of equine. Participate in the selection of horses for multiple equine disciplines based on the structure and functionality of the animal. Develop facility and management plans for horses. Monitor equine health through

diagnostic procedures. Build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Gain the knowledge and skills for careers in the Equine Science pathway. Grades: 9-12
Prerequisite: Equine Science I
Offered at: South Stokes High School

Business, Finance, and Marketing

Aligned Career Technical Student Organizations: An association for Marketing Education students (DECA); Future Business Leaders of America (FBLA)

General Management (MGMT)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
BF10 Business Essentials	BB40 Business Management I BI50 IB Business Management	BB42 Business Management II	WA04 CTE Apprenticeship BMA WE04 CTE Entrepreneurial Experience BMA WI04 CTE Internship BMA WO04 CTE Cooperative Education BMA WP04 CTE Pre-apprenticeship BMA WS04 CTE Advanced Studies BMA Cooperative Education

BUSINESS ESSENTIALS

This course will introduce students to realistic business and finance principles by examining fundamental economic concepts, the business environment, and primary business activities. Through workplace scenarios and

problem-based learning, students will explore business ethics, customer relations, economics, financial analysis, human resources management, information management, marketing, operations, and business technology.

Grades: 9-12
Prerequisite: none
Offered at: Stokes County Academy, North Stokes High School



Courses Offered

BUSINESS MANAGEMENT I

This course is designed to introduce students to core management concepts. The experience includes how managers plan, organize, staff, and direct the business's resources that enhance the effectiveness of the decision-making process. Also the experience includes students working through ethical dilemmas and problem-solving situations with customer service while academic and critical thinking skills. English language arts is reinforced.

Grades: 10-12

Prerequisite: Business Essentials

Offered at: Stokes County Academy, North Stokes High School

BUSINESS MANAGEMENT II

This course is designed to enable students to acquire, understand, and appreciate the significance of management to business organizations. Understanding how managers control financial resources, inventory, ensure employee safety, and protect customer data enhances the effectiveness of their decision making. Students will work through ethical dilemmas, practice problem solving, and enhance their teamwork skills. English language arts and mathematics are reinforced.

Grades: 10-12

Prerequisite: Business Management I

Offered at: North Stokes High School

Entrepreneurship (ENTRE)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	ME11 Entrepreneurship I	ME12 Entrepreneurship II	WA04 CTE Apprenticeship BMA WE04 CTE Entrepreneurial Experience BMA WI04 CTE Internship BMA WO04 CTE Cooperative Education BMA WP04 CTE Pre-apprenticeship BMA WS04 CTE Advanced Studies BMA Cooperative Education

ENTREPRENEURSHIP I

In this course, students evaluate the concepts of going into business for themselves and working for or operating a small business.

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 develop components of a business plan and evaluate startup requirements.

English language arts and social studies are reinforced.

Aligned Industry Credential: Venture Entrepreneurial Expedition

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, Stokes County Academy



Courses Offered

Accounting (ACCT)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	BA10 Accounting I	BA20 Accounting II	WA06 CTE Apprenticeship FINA WE06 CTE Entrepreneurial Experience FINA WI06 CTE Internship FINA WO06 CTE Cooperative Education FINA WP06 CTE Pre-apprenticeship FINA WS06 CTE Advanced Studies FINA Cooperative Education

ACCOUNTING I

This course is designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on the analysis and recording of business transactions, preparation, and interpretation of financial statements, accounting systems, banking and payroll activities, basic types of business ownership, and an accounting career orientation. Mathematics is reinforced and entrepreneurial experiences encouraged.

Grades: 10-12

Prerequisite: none

Offered at: North Stokes High School

ACCOUNTING II HONORS

This course is designed to provide students with an opportunity to develop in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Emphasis includes departmental accounting, corporate accounting, cost accounting, and inventory control systems, managerial accounting and budgeting, and further enhancement of accounting skills. Mathematics is reinforced and entrepreneurial experiences encouraged.

Grades: 11-12

Prerequisite: Accounting I

Offered at: North Stokes High School



Courses Offered

Marketing Management (MMGT)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	MM51 Marketing I	MM52 Marketing II	WA14 CTE Apprenticeship MRKT WE14 CTE Entrepreneurial Experience MRKT WI14 CTE Internship MRKT WO14 CTE Cooperative Education MRKT WP14 CTE Pre-apprenticeship MRKT WS14 CTE Advanced Studies MRKT Cooperative Education

MARKETING I

This course is designed to introduce students to the dynamic processes and activities in marketing. The experience includes students developing an understanding and skills in the areas of distribution, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Also students develop an understanding of marketing functions applications and impact on business operations. English language arts, mathematics, and social studies are reinforced.

Grades: 11-12

Prerequisite: none

Offered at: Stokes County Academy, West Stokes High School

MARKETING CO-OP

Technical classroom instruction is combined with directly related paid employment for an additional high school credit. Students must successfully participate in cooperative work experience (on the job training) while taking Marketing in the same semester or in the same school year (Marketing should be taken first). Job sites must be approved by the marketing teacher. A minimum of 135 hours of employment are required to receive credit.

Grades: 11-12

Prerequisite: Marketing, application and interview

Offered at: West Stokes High School

MARKETING II

In this course, students will apply an understanding of marketing functions and impact of the functions on business decisions. Through problem solving and critical thinking, students will apply knowledge and skills in the areas of customer relations, economics, financial analysis, channel management, marketing-information management, marketing planning, products and services management, and selling. Relative opportunities are available for students to use technology to acquire and use marketing information. English, language arts, and social studies are reinforced.

Grade: 12

Prerequisite: Marketing or Fashion Merchandising

Offered at: West Stokes High School



Courses Offered

Sport and Event Marketing (SEMK)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	MH31 Sport and Event Marketing I	MH32 Sport and Event Marketing II	WA09 CTE Apprenticeship HOSP WE09 CTE Entrepreneurial Experience HOSP WI09 CTE Internship HOSP WO09 CTE Cooperative Education HOSP WP09 CTE Pre-apprenticeship HOSP WS09 CTE Advanced Studies HOSP Cooperative Education

SPORT AND EVENT MARKETING I HONORS

In this course, students are introduced to the industry of sports, entertainment, and event marketing. Students acquire transferable knowledge and skills among related industries for planning sports, entertainment, and event marketing. Topics included are branding, licensing, and naming rights, business foundations, concessions and on-site merchandising, economic foundations, human relations, and safety and security. Mathematics and social studies are reinforced.

Grades: 9-12

Prerequisite: none

Offered at: South Stokes High School, West Stokes High School

SPORT AND EVENT MARKETING II HONORS

In this course, students acquire an understanding of selling, promotion, and market planning of sports, entertainment, and event marketing. Emphasis is on business management, career development, client relations, contracts, ethics, event management, facilities management, legal issues, and sponsorships. English/language arts, mathematics and social studies are reinforced.

Grades: 10-12

Prerequisite: Sports and Entertainment Marketing I

Offered at: West Stokes High School



Courses Offered

Computer Science, IT, and Technical Education

Aligned Career Technical Student Organizations: Future Business Leaders of America (FBLA), Technology Student Association (TSA) or SkillsUSA

Game Art Design (GAAR)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	CD20 3D Modeling and Animation I	CD30 Game Art and Design	CD31 Advanced Game Art and Design WA01 CTE Apprenticeship AAVC WE01 CTE Entrepreneurial Experience AAVC WI01 CTE Internship AAVC WO01 CTE Cooperative Education AAVC WP01 CTE Pre-apprenticeship AAVC WS01 CTE Advanced Studies AAVC Cooperative Education

3D Modeling and Animation (TDMA)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	CD20 3D Modeling and Animation I	CD21 3D Modeling and Animation II	WA01 CTE Apprenticeship AAVC WE01 CTE Entrepreneurial Experience AAVC WI01 CTE Internship AAVC WO01 CTE Cooperative Education AAVC WP01 CTE Pre-apprenticeship AAVC WS01 CTE Advanced Studies AAVC Cooperative Education

3D MODELING & ANIMATION I

This course is an introductory level course focusing on the concepts and tools used by digital artists in a wide variety of creative careers including graphic design, film, and game design. Students work with professional-grade creative software packages to develop 2D and 3D digital graphics and audio/video media. Students use Adobe CC Suite, and digital 3D modeling with 3DS Max to build needed skills for subsequent courses. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement)*

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, West Stokes High School

3D MODELING & ANIMATION II

This course emphasizes the use of industry-standard digital technology and media to help students develop the artistic and technical skills necessary to plan, analyze, and create visual solutions to 21st Century communications problems. Students engage in digital art

activities using professional-grade creative software packages to develop complex 2D and 3D digital graphics and audio/video media. Students apply Adobe CC Suite and 3DS Max skills to industry-related activities and projects, mirroring workplace scenarios. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement)*

Grades: 10-12

Prerequisite: Digital Design and Animation I

Offered at: North Stokes High School

GAME ART AND DESIGN

This course introduces students to techniques used in the electronic game industry. Students will focus on the principles used in game design including mathematical and virtual modeling. Emphasis is placed on areas related to art, history, ethics, plot development, storyboarding, programming, 2D Visual theory, and interactive play technologies. Students develop physical and virtual games using hands-on experience and a variety of software. Art, English language,

arts, mathematics and science are reinforced. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*

Grades: 9-12

Prerequisite: 3D Modeling and Animation I

Offered at: North Stokes High School, West Stokes High School

ADVANCED GAME ART AND DESIGN

Explore advanced game theory to continue the journey of the gaming industry. Level up production management skills on a real-world inspired game development team. Create 3D game levels and more using industry standard software. Gain the knowledge and skills for careers in the Game Art and Design pathway. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*

Grades: 10-12

Prerequisite: Game Art & Design and 3D Modeling & Animation I

Offered at: North Stokes High School, West Stokes High School



Courses Offered

Computer Science Principles (CSPR)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	CP05 Coding in Minecraft Expert Coding CS20 Computer Science I	0A02 AP Computer Science Principles CS21 Computer Science II	2A02 AP Computer Science A WA11 CTE Apprenticeship INFO WE11 CTE Entrepreneurial Experience INFO WI11 CTE Internship INFO WO11 CTE Cooperative Education INFO WP11 CTE Pre-apprenticeship INFO WS11 CTE Advanced Studies INFO Cooperative Education

COMPUTER SCIENCE I

Explore how data is stored, transmitted, and used by computers. Investigate the benefits and harms of quickly advancing technology on society. Produce unique and interactive computer programs. Gain the knowledge and skills for careers in the Computer Science Principles pathway. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*
 Grades: 9-12
 Prerequisite: none
 Offered at: South Stokes High School

COMPUTER SCIENCE PRINCIPLES AP

AP Computer Science Principles introduces students to the foundational concepts of the field and challenges them to explore how computing and technology can impact the world. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*
 Grades: 10-12
 Prerequisite: Computer Science I
 Offered at: South Stokes High School



Technology Engineering and Design (TEND)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	CT10 Technology Engineering and Design	CT11 Technological Design CT12 Engineering Design	WA15 CTE Apprenticeship STEM WE15 CTE Entrepreneurial Experience STEM WI15 CTE Internship STEM WO15 CTE Cooperative Education STEM WP15 CTE Pre-apprenticeship STEM WS15 CTE Advanced Studies STEM Cooperative Education

TECHNOLOGY, ENGINEERING AND DESIGN

Explore how technology evolved throughout human history. Discover the universal systems model in products and processes society uses every day. Build a scale model of a structure by applying the Engineering Design Process. Gain the knowledge and skills for careers in the Technology Engineering, and Design pathway. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*

Grades: 9-11
 Prerequisite: none
 Offered at: North Stokes High School

TECHNOLOGICAL DESIGN

Explore engineering through energy, manufacturing, and other industries. Fabricate prototypes to test design concepts. Engineer a solution to a problem in a community. Gain the knowledge and skills for careers in the Technology Engineering, and

Design pathway. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*
 Grades: 9-12
 Prerequisite: Technology Engineering and Design
 Offered at: North Stokes High School



Courses Offered

Python Programming (PYPR)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	CP10 Python Programming I	CP11 Python Programming II	2A02 AP Computer Science A WA11 CTE Apprenticeship INFO WE11 CTE Entrepreneurial Experience INFO WI11 CTE Internship INFO WO11 CTE Cooperative Education INFO WP11 CTE Pre-apprenticeship INFO WS11 CTE Advanced Studies INFO Cooperative Education

PYTHON PROGRAMMING I

Craft basic programs utilizing Python programming language. Execute functions, loops, operations, and data sets in various programs. Design programs with considerations for ethics, security, and how to implement the problem-solving process throughout the coding process. Gain the knowledge and skills for careers in the Python Programming pathway. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*
 Grades: 9-12
 Prerequisite: none
 Offered at: South Stokes High School

PYTHON PROGRAMMING II HONORS

Design, write, debug, and run programs encoded in the Python language. Formulate program using Internet of Things (IoT) programs. Develop stories utilizing data sets, visualizations, and Python programming. Gain the knowledge and skills for careers in the Python Programming pathway. *(This course also satisfies the NCDPI Computer Skills Graduation Requirement.)*
 Grades: 9-12
 Prerequisite: Python Programming
 Offered at: South Stokes High School

PLTW Engineering (PLWE)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	CE12 PLTW Engineering Essentials TP11 PLTW Introduction to Engineering Design TP12 PLTW Principles of Engineering	TP21 PLTW Digital Electronics TP22 PLTW Computer Integrated Mfg TP23 PLTW Civil Engr and Arch TP25 PLTW Aerospace Engineering TP27 PLTW Environmental Sustain	CE16 PLTW Capstone WA15 CTE Apprenticeship STEM WE15 CTE Entrepreneurial Experience STEM WI15 CTE Internship STEM WO15 CTE Cooperative Education STEM WP15 CTE Pre-apprenticeship STEM WS15 CTE Advanced Studies STEM Cooperative Education

PLTW INTRO TO ENGINEERING DESIGN - HONORS (Level 1)

In this foundation Project Lead the Way (PLTW) Pathway to Engineering (PTE) course, students are exposed to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical

documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community. Art, English, language arts, mathematics and science are reinforced. *(This course also*

satisfies the NCDPI Computer Skills Graduation Requirement.)

Grades: 9-12
 Prerequisite: none
 Offered at: West Stokes High School



Courses Offered

PLTW ENGINEERING ESSENTIALS HONORS

Students explore the breadth of engineering career opportunities and experiences as they solve engaging and challenging real-world problems like creating a natural relief center system or creating a solution to improve the safety and well-being of local citizens.

Grades 9-12

Prerequisite: none

Offered at: West Stokes High School

PLTW CIVIL ENGINEERING AND ARCHITECTURE HONORS (Level 2)

In this specialization Project Lead the Way (PLTW) Pathway to Engineering (PTE) course, students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software. Art and English language arts are also reinforced.

Grades 10-12

Prerequisite: Intro to Engineering Design

Offered at: West Stokes High School

Family And Consumer Sciences

Aligned Career Technical Student Organization: Family, Career and Community Leaders of America (FCCLA)

Apparel and Textile Production (ATPR)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	FA31 Apparel and Textile Production I	FA32 Apparel and Textile Production II	WA01 CTE Apprenticeship AAVC WE01 CTE Entrepreneurial Experience AAVC WI01 CTE Internship AAVC WO01 CTE Cooperative Education AAVC WP01 CTE Pre-apprenticeship AAVC WS01 CTE Advanced Studies AAVC Cooperative Education

FASHION AND TEXTILE FUNDAMENTALS

In this course students are introduced to the apparel and textile industry in the area of design, textiles and apparel engineering. Emphasis is placed on students applying these designs and engineering skills to create and produce apparel products. Art, literacy, mathematics, and science are reinforced.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, South Stokes High School

APPAREL AND TEXTILE PRODUCTION II

Students in this course will gain a deeper understanding of design principles, engineering, fabrication and global needs of an ever-changing apparel and textile industry. The course provides a major focus on textile design, textile science, product construction, global manufacturing, and the apparel/textile market while incorporating and scaffolding prerequisite concepts. Emphasis is placed on the application of design and engineering skills used to

create, produce, and prepare a product for market. Students will also gain the entrepreneurial skills necessary for successful marketing and distribution of an apparel product. Art, literacy, mathematics, science, and social studies are reinforced throughout.

Grades: 9-12

Prerequisite: Fashion and Textile Fundamentals, Apparel and Textile Production I

Offered at: North Stokes High School



Courses Offered

FASHION MERCHANDISING

This course is designed to simulate a comprehensive experience of the business of fashion. The experience should bring alive the economics, distribution, promotion, and retail of fashion, and essential strategies of promoting and selling fashion. Upon completion of the course, students should be ready for the retail of fashion at the entry level of work or postsecondary education. English, mathematics, social studies, and technology are reinforced. *This course is a*

supplemental course and will not lead to a concentration in Apparel and Textile Production.

Grades: 10-12

Prerequisite: none

Offered at: West Stokes High School

MARKETING CO-OP

Technical classroom instruction is combined with directly related paid employment for an additional high school credit. Students must successfully participate in cooperative work experience (on the job training) while taking a Marketing course in the same

semester or in the same school year (Marketing course should be taken first). Job sites must be approved by the marketing teacher. A minimum of 135 hours of employment are required to receive credit.

Aligned Credential(s): none

Grades: 11-12

Prerequisite: Fashion

Merchandising, Marketing I, Marketing II, Sport and Event Marketing I, Sport and Event Marketing II (same semester), application and interview
Offered at: West Stokes High School

Early Childhood Development and Services (EACH)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	FE60 Child Development	FE11 Early Childhood Education I	FE12 Early Childhood Education II WA10 CTE Apprenticeship HUMA WE10 CTE Entrepreneurial Experience HUMA WI10 CTE Internship HUMA WO10 CTE Cooperative Education HUMA WP10 CTE Pre-apprenticeship HUMA WS10 CTE Advanced Studies HUMA Cooperative Education

CHILD DEVELOPMENT

This course introduces students to responsible nurturing and basic applications of child development theory beginning with prenatal development and up to children age five. 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.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, South Stokes High School, West Stokes High School

PRINCIPLES OF FAMILY AND HUMAN SERVICES

This is a supplemental course and is not required for pathway completion. Students learn life literacy skills and individual, family, and community systems in the context of the human services field. Emphasis is placed on human development, professional skills, diversity, analyzing community issues, and life management. Activities engage students in exploring various helping professions, while building essential life skills they can apply in their own lives to achieve optimal wellbeing. English/language arts, social studies, mathematics, science, technology, and interpersonal relationships are reinforced.

Grades: 9-12

Prerequisite: none

Offered at: South Stokes High School, West Stokes High School



Courses Offered

Food and Nutrition (FONU)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	FN41 Food and Nutrition I	FN42 Food and Nutrition II	FN43 Food Science and Technology WA10 CTE Apprenticeship HUMA WE10 CTE Entrepreneurial Experience HUMA WI10 CTE Internship HUMA WO10 CTE Cooperative Education HUMA WP10 CTE Pre-apprenticeship HUMA WS10 CTE Advanced Studies HUMA Cooperative Education

FOOD AND NUTRITION I

This course examines the nutritional needs of the individual. Emphasis is placed on 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. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Aligned Industry Credential: ANSI-Accredited Food Handler Certificate

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, South Stokes High School, West Stokes High School

FOOD AND NUTRITION II

In this course, students experience the intersection of nutrition science and food preparation, while building skills for an expanding range of career opportunities. Emphasis is placed on health and social responsibility while improving the way people eat. Students learn how to manage food safety; plan and

prepare meals for a variety of consumers and clients; and explore the food system and global cuisines. *For safety and sanitation reasons, enrollment should not exceed 20 in this course. English/language arts, social studies, mathematics, science, technology, interpersonal relationships are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning and job shadowing. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Aligned Industry Credential: ANSI Approved Certified Food Protection Manager

Grades: 10-12

Prerequisite: Food and Nutrition I

Offered at: North Stokes High School, South Stokes High School, West Stokes High School

PRINCIPLES OF FAMILY AND HUMAN SERVICES

This is a supplemental course for this pathway and is not required for pathway completion. Students learn life literacy skills and individual, family, and community systems in the context of the human services field. Emphasis is placed on human development, professional skills, diversity, analyzing community issues, and life management. Activities engage students in exploring various helping professions, while building essential life skills they can apply in their own lives to achieve optimal wellbeing. English/language arts, social studies, mathematics, science, technology, and interpersonal relationships are reinforced.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School, South Stokes High School, West Stokes High School



Courses Offered

Interior Design (INDE)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	FI21 Interior Design Fundamentals	FI22 Interior Design Studio FI23 Interior Design Technology	WA03 CTE Apprenticeship ARCH WE03 CTE Entrepreneurial Experience ARCH WI03 CTE Internship ARCH WO03 CTE Cooperative Education ARCH WP03 CTE Pre-apprenticeship ARCH WS03 CTE Advanced Studies ARCH Cooperative Education

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.

Grades: 9-12

Prerequisite: none

Offered at: South Stokes High School, West Stokes High School

INTERIOR DESIGN STUDIO

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.

Grades: 9-12

Prerequisite: Interior Design I

Offered at: South Stokes High School, West Stokes High School

PRINCIPLES OF FAMILY AND HUMAN SERVICES

This is a supplemental course for this pathway and is not required for pathway completion. Students learn life literacy skills and individual, family, and community systems in the context of the human services field. Emphasis is placed on human development, professional skills, diversity, analyzing community issues, and life management. Activities engage students in exploring various helping professions, while building essential life skills they can apply in their own lives to achieve optimal wellbeing. English/language arts, social studies, mathematics, science, technology, and interpersonal relationships are reinforced.

Grades: 9-12

Prerequisite: none

Offered at: South Stokes High School, West Stokes High School



Courses Offered

Health Science

Aligned Career Technical Student Organization: Health Occupations Student of America (HOSA)

Biomedical Technology (BTCP)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	HP71 PLTW Human Body Systems HU40 Health Science I	HB11 Biomedical Technology	HH32 Pharmacy Technician WA08 CTE Apprenticeship HLTH WE08 CTE Entrepreneurial Experience HLTH WI08 CTE Internship HLTH WO08 CTE Cooperative Education HLTH WP08 CTE Pre-apprenticeship HLTH WS08 CTE Advanced Studies HLTH Cooperative Education

Healthcare Professional (HPCP)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	HP71 PLTW Human Body Systems HU40 Health Science I	HU42 Health Science II	HH32 Pharmacy Technician HN42 Nursing Fundamentals and Non-Practicum HN43 Nursing Fundamentals and Practicum HN44 Fundamentals of Gerontology HN45 Public Health Fundamentals WA08 CTE Apprenticeship HLTH WE08 CTE Entrepreneurial Experience HLTH WI08 CTE Internship HLTH WO08 CTE Cooperative Education HLTH WP08 CTE Pre-apprenticeship HLTH WS08 CTE Advanced Studies HLTH Cooperative Education

BIOMEDICAL TECHNOLOGY

This course challenges students to investigate current trends in health care. Topics include ethics, forensic medicine, infectious diseases, organ transplants, cell biology and cancer, and biomedical research. English language arts and science are reinforced in this course.

Grades: 9-12

Prerequisite: Health Science I

Offered at: West Stokes High School

HEALTH SCIENCE I

This course focuses on human anatomy, physiology, human body diseases and disorders, and biomedical therapies. 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.

Aligned Industry Credential: First Aid

Grades: 10-12

Prerequisite: Foundations of Health Science recommended

Offered at: North Stokes High School and Forsyth Tech CC

HEALTH SCIENCE II

This course is designed to help students expand their understanding of financing and trends of healthcare agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills, including current CPR for healthcare professionals. English language arts and science are reinforced in this course.

Aligned Industry Credentials: CPR, OSHA 10-Hour General Industry (Healthcare) Certification, Stop the Bleed

Grades: 11-12

Prerequisite: Health Science I

Offered at: North Stokes High School and Forsyth Tech CC

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.

Grades: 9 - 12

Prerequisite: none

Offered at: North Stokes High School and Forsyth Tech CC

NURSING FUNDAMENTALS AND PRACTICUM HONORS



Courses Offered

This course is designed for students interested in medical careers where personal care and basic nursing skills are used. This course is an enhanced adaptation of the North Carolina Division of Health Service Regulation (DHSR) Nurse Aide I (NAI) curriculum and helps prepare students for the National Nurse Aide Assessment (NNAAP). Students who pass the NNAAP become listed on the NC NAI Registry. English language arts, mathematics and science are reinforced. Enrollment is limited per North Carolina Board of Nursing (BON) Administrative Rule 21 NCAC 36.0318(i), which requires the ratio of teacher to nurse aide students be 1:10 or less during lab instruction, demonstration, skills practice, and while in the clinical area.

Students will be required to purchase a drug test through Stokes County Schools' provider, they must have up to date immunization records and they must have a non-laminated social security card.
Aligned Industry Credential: North Carolina Nurse Aide I
Grade: 12
Prerequisite: Health Science I, Health Science II, application and teacher recommendation
Offered at: North Stokes High School and Forsyth Tech CC

FORENSIC SCIENCE

The course includes topics in crime scene investigation, fingerprinting, forensic archaeology and anthropology, criminal laboratory analysis, blood and DNA, toxicology, ballistics, hair and fibers, computer forensics, and career opportunities.
Grades: 9-12
Offered at: West Stokes High School

Trade and Industrial

Aligned Career Technical Student Organization: Technology Student Association (TSA) or SkillsUSA

Automotive Service (AUTO)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
IT11 Automotive Service Fundamentals	IT16 Automotive Service I	IT17 Automotive Service II	IT18 Automotive Service III WA16 CTE Apprenticeship TRAN WE16 CTE Entrepreneurial Experience TRAN WI16 CTE Internship TRAN WO16 CTE Cooperative Education TRAN WP16 CTE Pre-apprenticeship TRAN WS16 CTE Advanced Studies TRAN Cooperative Education

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.
Aligned Industry Credentials: S/P2-Automotive Service Safety and S/P2-Automotive Service Pollution Prevention
Grades: 9-12
Prerequisite: none
Offered at: South Stokes High School

AUTOMOTIVE SERVICE I

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 & 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.



Courses Offered

Grades: 9-12

Prerequisite: Automotive Service Fundamentals

Offered at: South Stokes High School

AUTOMOTIVE SERVICE II HONORS

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 & 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. Aligned Industry Credentials: ASE

Entry-Level

Certification-Maintenance and Light Repair and ASE Entry-Level

Certification-Brakes

Grades: 10-12

Prerequisite: Automotive Service I

Offered at: South Stokes High School

AUTOMOTIVE SERVICE III HONORS

This course builds on the skills and knowledge introduced in Automotive Service I & II. Building advanced automotive skills and knowledge in vehicle servicing, testing, repair, and diagnosis of brakes, electrical systems, drivetrain, engine, HVAC and steering & 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. Aligned Industry Credentials: ASE-Auto Maintenance and Light Repair (Test G1) and ASE Entry-Level Certification-Electrical/Electronic Systems.

Grades: 10-12

Prerequisite: Automotive Service II

Offered at: South Stokes High School

Carpentry (CARP)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
IC00 Construction Core	IC21 Carpentry I	IC22 Carpentry II	IC23 Carpentry III WA03 CTE Apprenticeship ARCH WE03 CTE Entrepreneurial Experience ARCH WI03 CTE Internship ARCH WO03 CTE Cooperative Education ARCH WP03 CTE Pre-apprenticeship ARCH WS03 CTE Advanced Studies ARCH Cooperative Education

CONSTRUCTION CORE

This course prepares students for the NCCER Core certification by covering essential modules, including basic safety, construction math, hand and power tools, construction drawings, material handling, communication, employability skills, and "Your Role in the Green Environment." An additional Green module introduces green construction practices, building rating systems, and strategies to reduce environmental impact. English Language Arts and Mathematics are integrated throughout.

Aligned Industry Credential:

NCCER and OSHA 10-Hour Construction Industry Certifications

Grades: 9-12

Prerequisite: none

Offered at: South Stokes High School, West Stokes High School

CARPENTRY I

This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on the development of introductory skills to include orientation to the trade, building materials, fasteners, and adhesives, hand and power tools, reading plans and elevations, introduction to concrete, reinforcing materials, and forms, floor system

construction procedures, wall and ceiling framing procedures, and basic stair layout. English language arts and mathematics are reinforced.

Aligned Industry Credential:

NCCER Credential - Carpentry I

Grades: 9-12

Prerequisite: Construction Core

Offered at: South Stokes High School, West Stokes High School

CARPENTRY II HONORS

This course builds on skills mastered in Carpentry I and provides an emphasis on roof framing procedures, roofing applications, thermal and moisture protection, windows and exterior



Courses Offered

doors installation, exterior finishing, and the introduction to weatherization module. English language arts and mathematics are reinforced.

Aligned Industry Credential:
NCCER Credential - Carpentry II

Grades: 10-12
Prerequisite: Carpentry I
Offered at: South Stokes High School, West Stokes High School

Drafting Architectural (DRFA)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	IC61 Drafting I	IC62 Drafting II - Architectural	IC63 Drafting III - Architectural WA03 CTE Apprenticeship ARCH WE03 CTE Entrepreneurial Experience ARCH WI03 CTE Internship ARCH WO03 CTE Cooperative Education ARCH WP03 CTE Pre-apprenticeship ARCH WS03 CTE Advanced Studies ARCH Cooperative Education

DRAFTING I HONORS

This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas, concepts and trends found in the areas of architecture, manufacturing, engineering, science, and mathematics, sketching and computer assisted design (CAD) skills and techniques. This class is very hands-on and is mostly project based. English language arts, mathematics, and science are reinforced. Honors Level may be available. Check with your school counselor.

Grades: 9-12

Prerequisite: none

Offered at: North Stokes High School

DRAFTING II - ARCHITECTURAL HONORS

This course focuses on the principles, concepts of architectural design, and use of Building Information Modeling (BIM), used in

the field of architecture. An emphasis is placed on the use of 3D CAD tools in the design and execution of floor plans, foundation plans, wall sections, and elevation drawings. An understanding of 3D CAD concepts and terms, and the use of 3D CAD software such as REVIT, are essential to this course, and the required method of producing finished drawings. English language arts, mathematics, and science are reinforced.

Grades: 10-12

Prerequisite: Drafting I

Offered at: North Stokes High School

DRAFTING III - ARCHITECTURAL HONORS

This course introduces students to advanced architectural design concepts, and Building Information Modeling (BIM). Emphasis is placed on the continued use of 3D CAD tools and software such as REVIT, in the design and execution of site

and foundation plans, electrical/lighting plans, stair/railing design, bath and kitchen details, multi-level floor systems, site development, renderings and walkthroughs, as well as small commercial building and design. English language arts, mathematics, and science are reinforced.

Aligned Industry Credential:
Autodesk Certified Professional Revit

Grades: 11-12

Prerequisite: Drafting II

Offered at: North Stokes High School



Courses Offered

Electrical Trades (ELTR)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
IC00 Construction Core	IC41 Electrical Trades I	IC42 Electrical Trades II	IC43 Electrical Trades III WA03 CTE Apprenticeship ARCH WE03 CTE Entrepreneurial Experience ARCH WI03 CTE Internship ARCH WO03 CTE Cooperative Education ARCH WP03 CTE Pre-apprenticeship ARCH WS03 CTE Advanced Studies ARCH Cooperative Education

ELECTRICAL TRADES I HONORS

Develop a working knowledge of basic electrical theory, Ohm's Law, and methods for calculating electrical energy. Utilize the National Electric Code (NEC) to find installation requirements. Engage in skills required for installation of electrical device boxes, conduit, and raceways systems. Gain the knowledge, skills, and industry credentials for careers in architecture and construction.
 Grades: 9-12
 Offered at: West Stokes High School

ELECTRICAL TRADES II HONORS

Develop a working knowledge of skills required to read and interpret electrical construction drawings and specifications. Practice laying out branch circuits, sizing outlet boxes, and wiring device installation for residential electrical systems. Develop a working knowledge of AC and DC motor theory and application. Gain the knowledge, skills and industry credentials for careers in architecture and construction.
 Grades 9-12
 Prerequisite: Electrical Trades I
 Offered at: West Stokes High School



Courses Offered

Firefighter Technology (FIF)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
N/A	IP31 Firefighter Technology I	IP32 Firefighter Technology II	IP33 Firefighter Technology III IP51 Emergency Management I WA12 CTE Apprenticeship LAW WE12 CTE Entrepreneurial Experience LAW WI12 CTE Internship LAW WO12 CTE Cooperative Education LAW WP12 CTE Pre-apprenticeship LAW WS12 CTE Advanced Studies LAW Cooperative Education

FIREFIGHTER TECHNOLOGY I

This course covers part of the NC Firefighter certification modules required for all Firefighters in North Carolina. The modules include: Orientation and Safety Health and Wellness; Fire Behavior; Personal Protective Equipment; Fire Hose, Streams, and Appliances, Portable Extinguishers; Foam Fire Streams; and Emergency Medical CARC. English language arts are reinforced.

Aligned Industry Credential:
NCOSFM Credential -FireFighter Technology I

Grades: 11-12

Prerequisite: none

Offered at: North Stokes High School, South Stokes High School

FIREFIGHTER TECHNOLOGY II

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.

Aligned Industry Credential:
NCOSFM - Firefighter Technology II
Grades: 11-12

Prerequisite: Firefighter Technology I

Offered at: North Stokes High School, South Stokes High School

FIREFIGHTER TECHNOLOGY III HONORS

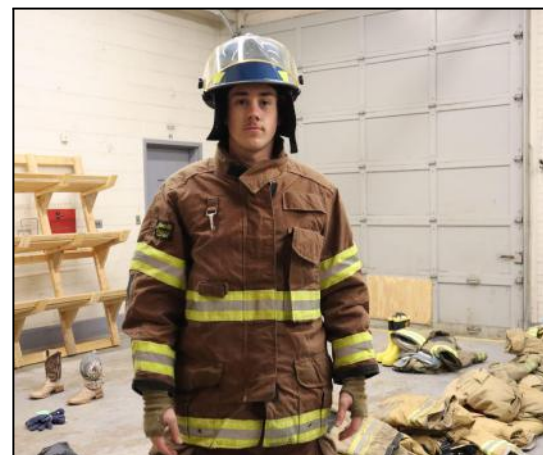
Maximize knowledge and skills required in firefighting. Develop tasks related to skills used in rescue, fire protection, fire and life safety, mayday, hazmat, and traffic incident management. Perform advanced firefighter skills associated with the knowledge obtained in this course. Gain the knowledge, skills and industry credentials for careers in firefighter technology. Aligned Industry

Credential: NCOSFM - Firefighter Technology III

Grades: 12

Prerequisite: Firefighter Technology II

Offered at: North Stokes High School, South Stokes High School



Courses Offered

Masonry (MASO)			
Foundational Prerequisite Option(s)	Prerequisite Option(s)	Concentrator Option(s)	Career Pathway Major Options
IC00 Construction Core	IC11 Masonry I	IC12 Masonry II	IC13 Masonry III WA03 CTE Apprenticeship ARCH WE03 CTE Entrepreneurial Experience ARCH WI03 CTE Internship ARCH WO03 CTE Cooperative Education ARCH WP03 CTE Pre-apprenticeship ARCH WS03 CTE Advanced Studies ARCH Cooperative Education

CONSTRUCTION CORE

This course covers the National Center for Construction Education and Research (NCCER) Core certification modules required for all of the NCCER curriculum-area programs, and an additional Green module. The course content includes: basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to construction drawing blueprints, material handling, basic communication skills, basic employability skills, and "Your Role in the Green Environment".

Aligned Industry Credential:
NCCER and OSHA 10-Hour
Construction Industry Certifications
Grades: 9-12

Prerequisite: none

Offered at: South Stokes High School, West Stokes High School

MASONRY I HONORS

This course covers basic masonry terminology and develops technical aspects of the masonry industry with emphasis on the development of introductory skills to include the introduction to masonry, masonry tools and equipment, measurement, drawings and specifications, mortar procedures, and masonry units and installation techniques.

Mathematics and English language arts are reinforced.

Aligned Industry Credential:
NCCER Credential - Masonry I
Grades: 9-12

Prerequisite: Construction Core (Core and Sustainable Construction)

Offered at: South Stokes High School

MASONRY II HONORS

This course builds on skills mastered in Masonry I and provides an emphasis on residential plans and drawing interpretation, residential masonry, grout and other reinforcement processes, metalwork in masonry, and the introduction to weatherization.

English language arts and mathematics are reinforced.

Aligned Industry Credential:
NCCER Credential - Masonry II
Grades: 10-12

Prerequisite: Masonry I

Offered at: Not Currently Offered



Courses Offered

JROTC

Junior Reserve Officers Training Corps (JROT)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
9501 JROTC I	9502 JROTC II	9503 JROTC III	9504 JROTC IV 9505 JROTC V 9506 JROTC VI 9507 JROTC VII 9508 JROTC VIII

****NOTE****

JROTC is taught on the South Stokes campus and is open to West Stokes and North Stokes students. West Stokes students must take JROTC First Period. Transportation to South Stokes HS is provided if students arrive at West Stokes at 7:30am. Return transportation is also provided for second period. Alternatively, students can provide their own transportation to and from South Stokes. Interested students should consult their respective counselors if they are interested in participating in JROTC.

JROTC LEADERSHIP EDUCATION I (LE-I)

This course is designed to teach good citizenship by developing character, responsibility, respect for authority, self-discipline, dedication, and patriotism. Close order drill, physical fitness, marksmanship and development of leadership traits are essential parts of the program.

Grades: 9-12

Prerequisite: none

JROTC LEADERSHIP EDUCATION II (LE-II)

This course teaches the elements and principles of effective leadership. Practical leadership is applied through advanced drill, physical fitness, marksmanship, and orientation (map reading and land navigation). Some leadership roles are assigned to second year cadets.

Grades: 9-12

Prerequisite: JROTC (LE-I), JROTC instructor recommendation

JROTC LEADERSHIP EDUCATION III (LE-III)

This course in leadership and management. The student will be taught how to identify and solve problems. Cadets will lead and instruct drill, marksmanship, physical fitness, and orientation.

Grades: 10-12

Prerequisite: JROTC (LE-II), JROTC instructor recommendation

JROTC LEADERSHIP EDUCATION IV (LE-IV)

The fourth level of instruction is designed for cadets who have exhibited an outstanding attitude, displayed exemplary personal leadership qualities and have participated actively and consistently in the total JROTC program. Leadership Training will be the center of this curriculum. Organization, planning, coordination and control of the training and activities of the unit will be emphasized. Cadets at this level will be required to conduct and supervise close order drill and physical fitness training.

Grades: 10-12

Prerequisite: JROTC III, JROTC instructor recommendation

JROTC LEADERSHIP EDUCATION (Levels V-VIII) These courses are designed for cadets who have demonstrated an outstanding attitude, displayed exemplary personal leadership qualities and have participated actively and consistently in the total JROTC program. The emphasis will be on supervision and leadership of subordinate cadets in all areas of the program and assisting the JROTC instructors as necessary.

Prerequisite: JROTC IV, V, VI, VII; JROTC instructor recommendation.



Courses Offered

Career Development, Apprenticeship, and Internships

Career Development helps students understand the lifelong, sequential process of determining self and career identity. Career Development includes delivery of curriculum and career development services that are focused on completing self-assessments, matching interests to career choices, exploring the world-of work, conducting career research and education, and college and career planning. Development and implementation of a career development plan is an essential part of the process. This prepares students for success in 21st century careers and education.

Aligned Career Technical Student Organizations: An Association for Marketing Education students (DECA), Future Business Leaders of America (FBLA), National FFA Organization (FFA), Family, Career and Community Leaders of America (FCCLA), Future Health Professionals (HOSA), SkillsUSA, and Technology Student Association, (TSA)

CTE ADVANCED STUDIES

This culminating course is for juniors and seniors who have earned two technical credits, one of which is a completer course, in one Career Pathway. 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.

Grades: 11-12

Prerequisite: two technical credits in one Career Pathway

CTE APPRENTICESHIP

Students who participate in apprenticeships or pre-apprenticeships through the

North Carolina Department of Commerce can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. An apprenticeship is a system of skilled occupational training that combines practical work experiences with related academic and technical instruction.

To be considered for this course, students must have an unweighted grade point average of 3.0, complete an application available from the counseling office, demonstrated acceptable behavior and had good attendance prior to this class. To earn credit for this course, students must complete a minimum of 135 hours of work-based learning and fulfill all requirements of the apprenticeship agreement.

Grades: 11-12

Prerequisite: two technical credits in one Career Pathway, student application and teacher approval

CTE APPRENTICESHIP HONORS

In addition to the hands-on exploratory internship experience of the standard level course, students will take employee self-assessments, develop a career resume, conduct career interviews, participate in career development assessments, earn micro

credentials, and complete a project of value to the employer. To be considered for this course, students must have an unweighted grade point average of 3.0, complete an application available from the counseling office,

demonstrated acceptable behavior and had good attendance prior to this class. To earn credit for this course, students must complete a minimum of 135 hours of work-based learning and fulfill all requirements of the apprenticeship agreement.

Grades: 11-12

Prerequisite: two technical credits in one Career Pathway, student application and teacher approval

CAREER MANAGEMENT

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 are reinforced.



Courses Offered

Grades: 9-12

Prerequisite: none

Offered at: Stokes County Academy

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 the internship.

To be considered for this course, students must have an unweighted grade point average of 3.0, complete an application available from the guidance office, demonstrated acceptable behavior and had good attendance prior to this class. To earn credit for this course, students must complete a minimum of 120 hours of work-based learning and fulfill all requirements of the internship agreement.

Grades: 11-12

Prerequisite: student application and teacher approval

CTE INTERNSHIP HONORS

In addition to the hands-on exploratory internship experience of the standard level course, students will take employee self-assessments, develop a career resume, conduct career interviews, participate in career development assessments, earn

microcredentials, and complete a project of value to the employer.

To be considered for this course, students must have an unweighted grade point average of 3.0, complete an application available from the guidance office, demonstrated acceptable behavior and had good attendance prior to this class. To earn credit for this course, students must complete a minimum of 120 hours of work-based learning and fulfill all requirements of the internship agreement.

Grades: 11-12

Prerequisite: student application and teacher approval

2024-2025 BUSINESS PARTNERSHIPS:

Piedmont Radiator and Tire
Alice Approved
Bella Blythe Salon and Spa
Bisig + Chermak + Rudnicke
Orthodontics
Carolina Occupational Therapy Services
Dalton Angus
Dr. Edward Bell, DDS & Dr. Amy Plerce, DMD
Francisco Volunteer Fire Depart.
Friends of Stokes Shelter
Hairitage Salon and Design
Hanging Rock State Park
Harris Body Shop
Hemlock Golf Course
JPosh
King Chamber of Commerce
King Fire Department
Lifebrite Community Hospital (Danbury and Pine Hall)
Little Creek Farm
Mabe & Mabe Dentistry
McGee Performance Horses
Mickey & Co. Hair Designs
Mitchell's Nursery and Greenhouse

MTS, Mechanical Technologies & Solutions
Northern Surry Hospital
Novant Health Mountainview Medical
Novant Health Rehabilitation Center
NVizion
Pilot Knob Park
Priddy Manor Assisted Living
Pro Choice Detailing
Rutledge & Rutledge, Attorneys at Law
Sandy Ridge Volunteer Fire Department
Saunders Realty
Sauratown Dental
Sauratown Volunteer Fire Depart.
Stokes County Clerk of Court
Stokes County E911 Communications
Stokes County EMS
Stokes County Schools
Stokes County Sheriff's Office
STokes Tire and Automotive
The Big Creek Lodge
Tire Max
TK's Electrical Contractors, Inc.
Trouble Creek Farm
UNC Health Rockingham
Walnut Cove Public Library
Walnut Ridge Assisted Living
Xtreme! Marketing

SCS CTE Social Media



[SCS CTE Instagram](#)



[SC CTE Facebook](#)



Courses Offered

Cultural Art

Band/Music

North Stokes

BAND IA & IB (grade 9), **BAND IIA** and **IIB** (grades 10-12) It is expected that students will register for two semesters of band, with some exceptions. The first semester emphasizes the marching band experience. Attendance at all required games, performances, and parades is expected. The second semester emphasizes the symphonic (concert) band experiences. Concerts are required and students should expect to participate in several mandatory field trips. Enrollment is dependent upon the permission of the instructor.

Prerequisite: 3 years prior playing experience or recommendation of the director

South Stokes

SYMPHONIC BAND

A concert band setting, this group plays a wide variety of music from all over the world in an effort to grow musically. The class is designed in a way that playing fundamentals are reviewed daily and high musical development is expected. Students will learn/review the basics of playing the instrument, proper performance technique, and a concept of playing difficult music in a larger ensemble. (Honors available with teacher recommendation.)

Grades: 9-12

Prerequisite: 8th Grade Band

BEGINNING BAND

Beginning band is an introductory music class open to anyone wanting to learn an instrument, or students who want a lighter musical experience. In this class, students will have the opportunity to choose and learn a woodwind, brass or percussion instrument and continue with that chosen instrument in a group setting. The specific aim of the band program is to give the students the skills to read and perform music effectively before performing higher level music with the symphonic band.

COLORGUARD

Colorguard is a performance ensemble emphasizing the fundamentals of body and equipment movement through choreographed routines and drill design. The color guard functions as an auxiliary unit to the marching band in Fall. Performances include marching band activities and trips.

JAZZ BAND

Jazz Band emphasizes instruction in advanced techniques of jazz instrument playing. These include skills in tone, intonation, rhythm, tempo, dynamics, articulation, harmony, phrasing, style, and improvisation. Students will also experience a variety of music activities through participation, performance, creation, interpretation, and evaluation.

DRUMLINE

Drumline is open to any students interested in learning percussion instruments. The drumline will serve

as an extension of the marching band in the fall, and attend all performances. All students will learn to play and will be expected to demonstrate competency on snare drum, bass drum, cymbals, and smaller instruments of the battery. Drumline performs at concerts, assemblies, and sporting events throughout the year.

West Stokes

BEGINNING BAND

The class would be structured around teaching the fundamentals of music including how to read sheet music as well as how to assemble, care for, and play band instruments. Students would be expected to perform on at least two (2) public concerts in the spring semester with the possibility for additional public performances to be added.

The instruments available to learn in this class are: flute, clarinet, alto saxophone, trumpet, trombone, concert percussion (not drum set). Some instruments are available for student use. Should a student choose an instrument that isn't available, a rental cost may apply. Grades: 9-12

Prerequisites: none

SYMPHONIC BAND

A concert band setting, this group plays a wide variety of music from all over the world in an effort to grow musically. The class is designed in a way that playing fundamentals are reviewed daily and high musical development is



Courses Offered

expected. This group also performs three to four times in the semester and will travel to play at the Music Performance Adjudication in March. Students will learn/review the basics of playing the instrument, proper performance technique, and a concept of playing difficult music in a larger ensemble. (Honors available with teacher recommendation.)

Grades: 9-12

Prerequisites: instrument experience

WIND ENSEMBLE

The Wind Ensemble is made up of the finest musicians in the comprehensive band program. This group plays extremely difficult music and performs at an unusually high level for high school students.

Those in this ensemble are expected to perform at the top of the musical spectrum on a daily basis while growing in the musical facets of tone, phrasing, articulations, style, and dynamics. This course is taught as if it were a college course. The students have a lot of responsibility and are expected to contribute on a very high level. Auditions determine who can play in this group and are held in November and December of the previous fall semester. (Honors available with teacher recommendation.)

Grades: 9-12

Prerequisites: instrument proficiency and audition



VOCAL MUSIC I

In this class students learn to sing in a group and they give two or three required evening performances. Objectives in this class are to learn to read music, to grow in vocal technique, and for the class to develop as a choir. This class will prepare students for Intermediate Chorus.

Grades: 9-12

Prerequisites: none

VOCAL MUSIC II

This course provides a continuation of goals in Beginning Chorus with more focus on performance. Students should expect to have several required performances. These may take place in the evening, on weekends, at graduation, and at the state choral festival. (Honors credit will be awarded at the teacher's discretion based on the individual's skill level, musicianship, and past choral experience.)

Grades: 9-12

Prerequisites: vocal experience

Courses Offered

Theatre Arts

South Stokes

CHOIR (Fall)

Discover the joy of group singing in Beginning Choir! This class covers music reading, basic vocal technique, and ensemble singing in a supportive environment where no solo singing is required, but encouraged to audition for solos. The semester will conclude with a Winter Concert and other performances as needed to showcase our progress. Prerequisite: none

ADVANCED ACTING & PLAY PRODUCTION HONORS (Fall):

Elevate your theatrical skills in Advanced Acting and Play Production (Honors)! This course focuses on advanced acting techniques and text analysis, challenging students to explore deeper meanings in plays and performance technique and style. Participation in the North Carolina Theatre Conference High School Play Festival competition is required. The semester culminates in a One Act Play or student-devised performance. Ideal for motivated, self-starting students with strong time management and a passion for creative collaboration.

INTERMEDIATE THEATER (Fall & Spring)

Take your passion for the stage to the next level with Intermediate Theatre! This course builds on the skills developed in Beginning Theatre, offering a deeper dive into character development, advanced acting techniques, and the art of storytelling through performance. Students will explore more complex scene work, study the basics of directing—including blocking, vision

development, and working with actors—and gain foundational knowledge of stage management, such as organizing rehearsals and managing productions. Ensemble collaboration remains a core focus, fostering a deeper sense of trust and teamwork. The course will culminate in a one act play or class-devised production, showcasing students' growth as performers.



Prerequisite: Beginning Theatre or instructor approval.

ADVANCED INDEPENDENT THEATER STUDIES HONORS (Fall & Spring):

Designed for dedicated upperclassmen, Advanced Independent Theatre Studies (Honors) is the capstone course for students who have completed all other theatre classes and wish to refine their skills as leaders and creators in the theatrical arts. This advanced-level course is open to seniors or special circumstance juniors and is completed within a Beginning or Intermediate Theatre class setting. Students in Advanced Theatre Studies (Honors) will take on the responsibility of directing the final exam One Act Play for Beginning or Intermediate Theatre students. This includes developing and presenting a comprehensive director's book—detailing their vision, blocking, character work, and rehearsal plans—prior to beginning the directing process. The course emphasizes independent work, collaboration with peers, and mentorship as students guide their cast through rehearsals and performances. This experience serves as an in-depth exploration of directing, leadership, teaching and creative collaboration, preparing students for advanced study in theatre and beyond.

Prerequisite: Completion of all prior theatre classes and/or instructor approval.

TECHNICAL THEATER (Spring):

Dive into the behind-the-scenes magic of theatre in Technical Theatre! This hands-on class covers power tools and safe tool



Courses Offered

usage, theatre safety, lighting and set design, set construction, scenic painting, costumes and costume design, and stage management. The primary focus is building, painting, and lighting the set for the Spring Musical and Musical Theatre Class production. Students must be responsible, meet deadlines, and collaborate effectively to support show needs. Independence, creativity, and self-starting skills will be key to success in this class! Prerequisite: Beginning Theatre OR Teacher Recommendation

MUSICAL THEATER (Spring):

Discover the excitement of musical theatre in this engaging and dynamic class! Students will develop basic music literacy, vocal and dance techniques, and audition skills, including auditioning for a musical in a low-pressure environment (auditions are not in front of the class). The course includes the performance of a Junior Title show performed for elementary school students either in the SSHS auditorium or the elementary school space and a final

musical theatre cabaret/performance project.

Perfect for anyone eager to explore the world of musical theatre or for anyone who may not be able to do an after school all county musical—no prior experience required!

Prerequisite: None - Open to all students

BEGINNING THEATER (Fall & Spring):

Step into the spotlight with Beginning Theatre! This high school class introduces students to the fundamentals of acting and theatre arts, including improvisation, theatre history, ensemble building, monologue and scene work, and playwriting. Creativity and collaboration are at the heart of this course, which will culminate in a student-performed One Act Play as the final exam. No prior experience is required—just bring your imagination!

Prerequisite: none

Visual Art

North Stokes

DIGITAL PHOTOGRAPHY I

In digital photography students will explore techniques and learn to enhance images with photo editing software in this studio-based class. We will read about the history of photography and write essays on famous photographers. Weekly photography projects will be combined with critiques and class discussions, students will examine the technical aspects of their work and discuss their work in personal and meaningful ways. Course topics will include composition, the

elements and principles of design, and art history.

Grades: 9-12

Prerequisite: none

DIGITAL PHOTOGRAPHY II HONORS

In Digital II Photography Honors, students will dive deep into photo editing, the technical aspects of the camera and learn about famous photographers. Assignments will be more challenging than in Digital Photography 1 and students will be asked to start developing their own style and enter their photographs into the Regional Scholastic Art Contest as well as other local art

competitions. Cameras and equipment are provided. There is an art fee for this class

Grades: 9-12

Prerequisite: Digital I Photography

ART I (Introduction of Visual Arts)

This course is an introduction to the visual arts designed to give the student an overview of the arts. Using the principles of art and design as a basis, this will include lecture, demonstration and laboratory work.

Grades: 9-12

Prerequisite: none



Courses Offered

ART II (Intermediate)

This course is a continuation of Art I, with a greater emphasis on creative and technical abilities.
Grades: 9-12
Prerequisite: Art I, teacher recommendation

ART III (3D Design) (HONORS)

This course is for the more serious self-motivated student. These students are challenged to investigate and experiment with a variety of 3-dimensional processes and materials (ceramics, sculptures, etc.).
Grades: 10-12
Prerequisite: Art II, teacher approval

ART IV (Advanced 3D Design) (HONORS)

This course emphasizes the 3-dimensional aspects of art, focusing on personal exploration of materials and methods. Students will be expected to supply some of the materials needed for this course.
Grades: 11-12
Prerequisite: Art III (3-D), teacher approval

South Stokes

ART I (Introduction of Visual Arts)

This course is an introduction to the visual arts designed to give the student an overview of the arts. Using the principles of art and design as a basis, this will include lecture, demonstration and laboratory work.
Grades: 9-12
Prerequisite: none

ART II (Intermediate)

This course is a continuation of Art I, with a greater emphasis on creative and technical abilities.
Grades: 9-12
Prerequisite: Art I, teacher recommendation

ART III (2D Design) (HONORS)

This course is for the more serious and self-motivated student. These students are challenged to investigate and experiment with a variety of 2-dimensional processes and materials (drawing, painting, etc.).
Grades: 10-12
Prerequisite: Art II, teacher approval

ART III (3D Design) (HONORS)

This course is for the more serious self-motivated student. These students are challenged to investigate and experiment with a variety of 3-dimensional processes and materials (ceramics, sculptures, etc.).
Grades: 10-12
Prerequisite: Art II, teacher approval

ART IV (Advanced 2D Design) (HONORS)

This course emphasizes the 2-dimensional aspects of art, focusing on personal exploration of materials and methods. Students will be expected to supply some of the materials needed for this course.
Grades: 11-12
Prerequisite: Art III (2-D), teacher approval

ART IV (Advanced 3D Design) (HONORS)

This course emphasizes the 3-dimensional aspects of art, focusing on personal exploration of materials and methods. Students will be expected to supply some of

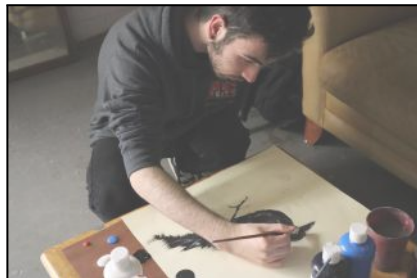
the materials needed for this course.

Grades: 11-12

Prerequisite: Art III (3-D), teacher approval

PORTFOLIO/DESIGN

This course is for the college-bound art student who is interested in developing a portfolio. This student would have a high degree of interest, focusing on personal exploration of themes, materials and methods. The student will be expected to supply some of the materials needed for this course.
Grade: 12
Prerequisite: Art I-IV, teacher approval



ART - AP STUDIO ART 2D

Demonstrate mastery through any two-dimensional medium or process, such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course.
Prerequisite: teacher recommendation



Courses Offered

West Stokes

ART I (Beginner)

This course offers a comprehensive exploration of basic techniques and processes relating to two-dimensional (drawing, painting, and printmaking) and three-dimensional (sculpture) art. Students will use basic media including graphite and colored pencils, chalk and oil pastels, charcoal, ink, watercolor, acrylic paint and clay. Throughout the semester, we will discuss artists and the history of art as they relate to specific lessons. Design elements (line, value, shape, form, color, space, texture) and design principles pertaining to composition and perspective are also introduced.

ART II (Intermediate)

This course will build on the techniques and concepts explored in Art 1. Drawing, painting, mixed-media, digital photography, and sculpture will be the array of processes used this semester when creating your art! We will also continue exploring the world of art history as we learn about artists and movements that have shaped the art world.

ART III (Intermediate, 2-D Design) (Honors) This course will continue to build on different mediums, techniques, and artistic styles to produce work that begins to

integrate a personal style. This course is designed for the more serious self-motivated student. Drawing, painting, mixed-media, digital photography, and sculpture will be the array of processes used this semester when creating your art! We will also continue exploring the world of art history as we learn about artists and movements that have shaped the art world. All students must provide most of their art supplies. There is an Art Fee. Prerequisite: teacher recommendation

Art IV (Advanced, 2-D Design) (Honors)

This course will focus on developing your own personal style in your artwork. You will have more freedom in the media and the choices of art that you choose to create. This course is designed for the more serious self-motivated student. Originality, and expressing ideas creatively by studying various approaches to composition, will also be vital in this course. We will also continue exploring the world of art history as we learn about artists and movements that have shaped the art world. There is an art fee.

ADVANCED/PORTFOLIO (HONORS)

Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will address all three sections of the portfolio: Breadth, Concentration and Quality. Students will be challenged to develop their own personal work, and students will develop mastery of concept, composition, and execution of their personal ideas and themes. Students will also understand that art making is an ongoing process that uses informed and critical decision making to determine outcomes to problems. Students will be expected to develop a comprehensive portfolio that addresses each of these issues in a personal way.



Courses Offered

Physical Education

Courses in PE may be taken for credit more than once, unless otherwise noted. Only one course in the PE Department can be taken each semester.

North Stokes

HEALTH/PE

This course addresses the areas of stress management, self-protection, relationships, nutrition/weight management and substance abuse to allow students to develop the ability to function successfully and maintain good health in today's world. This course also includes various activities of team and individual sports classes. It is required for graduation and can be taken only once for credit.
Grade: 9
Prerequisite: none

PHYSICAL EDUCATION

This course includes basic fundamentals of soccer, basketball, tennis, track and field, softball and volleyball. Students enrolled should have a definite desire to improve themselves physically and to acquire a basic knowledge of many sports and games. Students must have tennis shoes and be prepared to dress out each day.
Grades: 9-12
Prerequisite: none

FREE WEIGHT TRAINING AND CONDITIONING

This local course option emphasizes strength and muscular development through the use of free weights and dumbbells. Specific programs are designed to improve speed and agility through plyometrics and running. Emphasis is also placed on the improvement of cardiovascular conditioning through running.
Grades: 9-12

Prerequisite: none

ATHLETIC FACILITIES MANAGEMENT

This course teaches care of athletic complexes along with preparation for school-based events. Students will work closely with instructor to ensure a safe, aesthetically pleasing environment for optimal sport participation. In addition, this course will prepare facilities for extra-curricular activities.
Grades: 10-12
Prerequisite: Health/PE and/or teacher recommendation

South Stokes

HEALTH/PE

This course addresses the areas of stress management, self-protection, relationships, nutrition/weight management and substance abuse to allow students to develop the ability to function successfully and maintain good health in today's world. This course also includes various activities of team and individual sports classes. It is required for graduation and can be taken only once for credit.
Grade: 9
Prerequisite: none

ADVANCED PE AND TURF MANAGEMENT

This local course option teaches care of athletic complexes along with preparation for school-based events. Students will work closely with the instructor to ensure a safe, aesthetically pleasing environment for optimal sport participation. In addition, this course will prepare

facilities for extra-curricular activities.

Grades: 10-12

Prerequisite: Health/PE and/or teacher recommendation

TEAM SPORTS

This general PE Course includes activities such as basketball, soccer, football, volleyball and softball. Basic rules and fundamental skills in each activity will be stressed.
Grades: 9-12
Prerequisite: none

West Stokes

HEALTH/PE

This course addresses the areas of stress management, self-protection, relationships, nutrition/weight management and substance abuse to allow students to develop the ability to function successfully and maintain good health in today's world. This course also includes various activities of team and individual sports classes. It is required for graduation and can be taken only once for credit.
Grade: 9
Prerequisite: none

FREE WEIGHT TRAINING AND CONDITIONING

This course emphasizes strength and muscular development through the use of free weights and dumbbells. Specific programs are designed to improve speed and agility through plyometrics and running. Emphasis is also placed on the improvement of cardiovascular conditioning through running.



Courses Offered

Grades: 9-12

Prerequisite: none

FREE WEIGHT TRAINING/BODY TONING

This course stresses body shaping and toning of muscles through the use of free weight equipment. In addition, emphasis will be placed on cardiovascular endurance and conditioning programs, weight management, body composition and fitness testing.

Grades: 9-12

Prerequisite: none

ATHLETIC FACILITIES MANAGEMENT

This course teaches care of athletic complexes along with preparation for school-based events. Students will work closely with the instructor to ensure a safe, aesthetically pleasing environment for optimal sport participation. In addition, this

course will prepare facilities for extra-curricular activities.

Grades: 10-12

Prerequisite: Health/PE and/or teacher recommendation

INDIVIDUAL SPORTS

Individual Sports is a course that will give students the opportunity to participate in a variety of popular sports such as: tennis, track and field, bowling, corn hole, Spikeball, Pickleball and various other games. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully compete in interscholastic as well as recreational sports. Along with skill development, this course will include many exciting tournaments and competitions throughout each unit. After each unit we will test on the sport to assess the cognitive aspect of the game.

Grades: 9-12

Prerequisites: none

TEAM SPORTS

Team Sports is a course that will give students the opportunity to participate in a variety of popular sports such as: tennis, basketball, hockey, pickleball, corn hole, Soccer, Ultimate Frisbee, Softball/wiffle ball, kickball, and various other games. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully compete in interscholastic as well as recreational sports. Along with skill development, this course will include many exciting tournaments and competitions throughout each unit to focus on the importance of team sports.

Grades: 9-12

Prerequisites: none



Courses Offered

World Language

Spanish

***Note: Two courses in the same world language are required for the NC Scholars Program, the College/University Course of Study, and admission to all University of North Carolina System universities. Most private colleges and universities also require a minimum of two courses in a foreign language. Students are advised to check the requirements of schools they wish to attend.

SPANISH I, II, III, IV, V, VI

These courses provide an in-depth study of the language of the Spanish-speaking world. All levels incorporate listening, reading, writing, and speaking skills on the part of the students. The classes are taught at a very fast pace and are conducted primarily using the Spanish language. Spanish III emphasizes the fine tuning of Spanish grammar and pronunciation through conversation, reading, writing, and oral presentations. Spanish IV emphasizes culture and art throughout the Spanish speaking world and the influence of Spain in shaping modern Hispanic and Latin American culture. Included at this level is the reading of Spanish literature.

Grades: 9-12

Prerequisite: none for Spanish I; Spanish I for Spanish II (Spanish II should be taken in the semester immediately following successful completion of Spanish I, if possible.); Spanish II and teacher recommendation for Spanish III Honors; Spanish III and teacher recommendation for Spanish IV Honors; Spanish IV and teacher recommendation for Spanish V Honors; Spanish V and teacher recommendation for Spanish IV Honors

Offered at: North Stokes High School Spanish I and II, West Stokes High School Level I-V

AP SPANISH LANGUAGE AND CULTURE

AP Spanish Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products, both tangible (e.g., tools, books) and intangible (e.g., laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products).

Grades: 11-12

Prerequisite: Spanish V, teacher recommendation

LATIN AMERICAN CULTURAL STUDIES

This course is not taught in Spanish. This is an elective course that examines Latin American culture, history, society, and geography. Students will study in-depth the cultural and ethnic distinctions that exist between Latin-American countries, both historical and contemporary. This course will emphasize critical thinking and analysis. Students will

hold discussions and write unit culminating papers or develop projects. The class is project and research based. Current events and issues in the Latin-American world will be incorporated.

Grades: 10-12

Prerequisite: Native Speaking Students

Offered at: South Stokes High School



Courses Offered

Based on State Board of Education Policy GCS-L-007

Students in North Carolina public schools may earn one or more endorsements on their high school diploma. These endorsements indicate that students have completed specific course concentrations preparing them to be ready for careers and/or college.

Students may earn more than one diploma endorsement. Students are not required to earn an endorsement in order to receive a diploma.

Based on State Board of Education policy ([GRAD-007](#)), the implementation of the diploma endorsements is required for all Public High Schools.

The five diploma endorsements available to NC public school graduates are:

- **Career Endorsement** indicating completion of a rigorous course of study that includes a Career Technical Education concentration;
- **College Endorsement** indicating readiness for entry into NC Community Colleges;
- **College/UNC Endorsement** indicating readiness for entry into a four-year university in the University of North Carolina system;
- **NC Academic Scholars Endorsement** indicating that students have completed a balanced and academically rigorous high school program preparing them for post-secondary education.
- **Global Languages Endorsement (Seal of Biliteracy)** indicating proficiency in one or more languages in addition to English.
- **Arts Proficiency Endorsement** indicating proficiency in an arts area based on both course attainment as well as outside of school arts experiences.

Criteria for each endorsement includes:

Career Endorsement

1. Except as limited by N.C.G.S. §115C-81(b), the student shall complete the Future-Ready Core mathematics sequence of Algebra I, Geometry, Algebra II, Math I, II, III or Integrated Math I, II, III and a fourth mathematics course aligned with the student's post-secondary plans. Acceptable fourth math courses for the Career Endorsement include any math course that may be used to meet NC high school graduation requirements, including applied math courses found in the Career and Technical Education (CTE) domain;
2. The student shall complete a CTE concentration in one of the approved CTE Career Pathways;
3. The student shall earn an unweighted grade point average of at least 2.6;
4. The student shall earn at least one industry-recognized credential. Earned credentials can include Career Readiness Certificates (CRC) at the Silver level or above from WorkKeys assessments or another appropriate industry credential/certification; and
5. The student shall earn at least the benchmark reading score established by a nationally norm-referenced college admissions test. The student may retake the nationally norm-references test as many times as necessary to achieve the required benchmark score.



Courses Offered

College Endorsement

1. The student shall complete the Future-Ready Core mathematics sequence of Algebra I, Geometry, Algebra II, Math I, II, III or Integrated Math I, II, III; and a fourth mathematics course aligned with the students post-secondary plans. The fourth math course must meet University of North Carolina system Minimum Admission Requirements or be acceptable for earning placement in a credit-bearing college math class under the North Carolina Community College System's Multiple Measures Placement policy;
2. The student shall earn an unweighted grade point average of at least 2.6; and
3. The student shall earn at least the benchmark reading score established by a nationally norm-referenced college admissions test. The student may retake the nationally norm-references test as many times as necessary to achieve the required benchmark score.

College/UNC Endorsement

1. The student shall complete the Future-Ready Core mathematics sequence of Algebra I, Geometry, Algebra II, Math I, II, III or Integrated Math I, II, III and a fourth mathematics course that meets University of North Carolina system Minimum Admission Requirements that include a mathematics course with either Algebra II, Math III or Integrated Mathematics III as a prerequisite;
2. The student shall complete three units of science including at least one physical science with a lab, one life science and one additional science course;
3. The student shall complete U.S. History or equivalent coursework;
4. The student shall complete two units of a world language (other than English);
5. Students shall earn a weighted grade point average of at least 2.5; and
6. The student shall earn at least the benchmark reading score established by a nationally norm-referenced college admissions test. The student may retake the nationally norm-references test as many times as necessary to achieve the required benchmark score.

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.



Courses Offered

Global Languages Endorsement (Seal of Biliteracy)

The student shall demonstrate mastery of the English language with one of the following:

- complete English IV or equivalent course and earn a cumulative, unweighted grade point average of at least 2.5 for all English coursework required for graduation; or
- use the Credit by Demonstrated Mastery policy to complete the English IV course required for graduation; or
- take a nationally norm-referenced external exam approved by NCDPI and achieve a score that meets the English requirement as noted on the approved list.

The student shall demonstrate mastery of a World Language by earning Intermediate Mid proficiency or higher on the ACTFL proficiency scale in each language with one of the following:

- complete a Level IV or higher course in a World Language and earn a cumulative, unweighted grade point average of at least 2.5 for all World Language coursework in that language; or
- use the Credit by Demonstrated Mastery policy to complete a Level IV or higher course in a World Language, including the home and heritage languages used across North Carolina; or
- take a nationally or internationally norm-referenced external exam approved by NCDPI and achieve a score of Intermediate Mid or higher in that language.

Arts Proficiency Endorsement:

In June 2024, the State Board of Education approved the Arts Education Proficiency Diploma Endorsement. The requirements are based on legislation. The Arts Education Quick Guide provides direction for LEAs implementing procedures for the 2024-25 school year. The document includes a student form for documenting the 40 hours of arts-related extracurricular activities as well as clarification on what activities can be approved by the local school board.

Quick Guide: go.ncdpi.gov/AE-Endorsement-Guide

40-Hours Form: go.ncdpi.gov/AE-Endorsement-Form

Student requirements are:

1. The student shall complete a minimum of four NCSCOS arts courses.
2. The student shall earn an unweighted GPA of 3.0 or higher in each arts credit.
3. The student shall complete a minimum of 40 hours of arts-related extracurricular activities.
 1. The student shall participate in an arts-related extracurricular activity approved by the local board of education.
 2. The student shall complete all of the required hours outside of instructional hours.
 3. The student shall not receive any course credit for participation in the activity.
 4. In accordance with State Board guidance, the student shall document the hours on the form provided to local boards of education.

NOTE: The NC-SIS will not be computing the Arts Endorsement this year. LEAs and others may use local processes to award the Arts Endorsement. It will not appear on the transcript this year.

Based on December 2024 revisions

History Note: Authority G. S. 115C-12(40)

Session Law 2013-1

Eff: June 2013



Other Course Offerings

Career and College Promise

Career and College Promise offers opportunities for high school students to earn college credits through Forsyth Technical Community College while in high school. Students may be interested in taking just one course to get a head start on college-level work or they may want to work towards earning a college degree, diploma, or certificate while still in high school. The pathways below are available for qualified students. Courses are provided TUITION FREE, however, students will be responsible for paying applicable student fees as well as purchasing course textbooks. Students interested in pursuing college credit should contact their counselor. Qualifying students can choose to take a college transfer pathway or a technical career pathway.

COLLEGE TRANSFER PATHWAYS These three pathways are designed for students who plan to attend a four-year college:

- Associate in Arts
- Associate in Science
- Associate in Engineering

Students must choose one transfer pathway and only take classes in the pathway. Students taking classes in a transfer pathway may also be in one technical pathway with special permission. College transfer courses taken at Forsyth Tech are counted as AP credit.

REQUIREMENTS FOR COLLEGE TRANSFER PATHWAYS

Grades 11 and 12:

- Must have an unweighted GPA of 2.8 or higher
OR
Demonstrate college readiness on an approved placement test such as ACT or SAT
- Must meet prerequisites for the course in which the student is enrolling

Grades 9 and 10:

- Those who qualify and have permission may participate on a limited basis. Interested students should contact their counselor for these additional requirements

TECHNICAL CAREER PATHWAYS Below are pathway options that lead toward a certificate or diploma. Students may be in an additional technical pathway or in a transfer pathway with special permission if they qualify for the pathway.

Humanities and Social Sciences Division

- Early Childhood Education-Diploma & Certificate options
- Early Childhood Education: Administration- Certificate
- Early Childhood Education: Early Intervention-Certificate
- Early Childhood Education: Infant and Toddler- Certificate

Business and Information Technologies Division

- Accounting- Diploma
- Business Administration: Global Entrepreneurship- Certificate
- Business Administration: International Business- Certificate
- IT-Cyber Security- Certificate
- IT-Healthcare Informatics- Certificate
- IT-Healthcare Informatics Analytics and Reporting- Certificate
- IT- Network Mgt Cisco Certified Network Associate- Certificate



Other Course Offerings

- IT-Network Mgt Cisco Security Fundamentals- Certificate
- IT-Network Management Network Fundamentals- Certificate
- IT-Network Management NOS-Certified Microsoft and Linux Professional-Certificate
- IT-Program and Software Development Computer Programming- Certificate
- IT-Systems Security- Certificate
- IT-Systems Security Cyber Defense- Certificate
- IT-Technical Support and Service A+- Certificate
- IT-Technical Support and Service Help Desk- Certificate
- IT-Web Tech Mobile App Development- Certificate
- IT-Web Tech Social Media Internet Marketing- Certificate
- IT-Web Tech Web Fundamentals-Certificate
- Medical Office Administration- Diploma
- Medical Office Administration: Advanced Medical Office- Certificate
- Medical Office Administration: Medical Receptionist- Certificate
- Medical Office Administration: Outpatient Billing- Certificate
- Office Administration- Diploma
- Office Administration- Application Specialist- Certificate
- Project Management Technology- Information Systems- Certificate
- Supply Chain Management-Global Logistics Technology- Diploma & Certificate options

Engineering Technologies Division

- Air Conditioning, Heating and Refrigeration Technology- Diploma & Certificate options
- Automotive Systems Technology- Diploma
- Collision Repair and Refinishing Technology- Diploma
- Collision Repair and Refinishing Technology, Motorcycle Engines- Certificate
- Collision Repair and Refinishing Technology, Non-Structural Damage- Certificate
- Collision Repair and Refinishing Technology, Painting and Finishing- Certificate
- Collision Repair and Refinishing Technology, Structural Damage- Certificate
- Computer-Integrated Machining- Diploma
- Electrical Systems Technology- Diploma & Certificate options
- Electrical Engineering Technology- Certificate
- Graphic Arts and Imaging Technology- Diploma
- Horticulture Technology- Greenhouse and Nursery Operations- Certificate
- Horticulture Technology- Landscape Maintenance- Certificate
- Plumbing- Diploma & Certificate options
- Welding Technology- Diploma & Certificate options

Math, Science and Technologies Division

- Biotechnology- Diploma

REQUIREMENTS FOR CAREER AND TECHNICAL PATHWAYS

Grades 11 and 12:

- Must have an unweighted GPA of 2.8 or higher
OR
Demonstrate college readiness on an approved placement test such as ACT or SAT
- Must meet prerequisites for the course in which the student is enrolling

Juniors and seniors who do not meet the GPA or assessment benchmarks may still enroll in a certificate pathway with special permissions.

Grades 9 and 10:



Other Course Offerings

- Those who qualify and have permission may participate on a limited basis. Interested students should contact their counselor for these additional requirements

ADDITIONAL INFORMATION FOR BOTH THE COLLEGE TRANSFER AND TECHNICAL PATHWAYS A STUDENT MUST MAINTAIN A 2.0 GPA IN ALL COLLEGE COURSEWORK AFTER COMPLETING AT LEAST TWO COURSES.

Since Stokes County Schools and Forsyth Tech's Academic Calendars often differ, students may have a different schedule for their college classes than their traditional high school classes. Depending on the chosen pathway, a student may have the option to take online classes, classes on a Forsyth Tech campus or on the high school campus.

For additional information please contact your high school counselor or the Educational Partnerships Office at 336-743-7466. There are Forsyth Tech representatives from Educational Partnerships assigned to each traditional high school in Stokes County:

Please see the [FTCC College and Career Information Booklet](#) for additional information regarding college courses for high school students. Here are the contacts for each high school should you have additional questions:

- West Stokes High School-VACANT High School Career Advisor. Please contact your school counselor for support.
- South Stokes High School- Holly Kidd, High School Career Coach, 336-983-3146
hkidd@forsythtech.edu
- North Stokes High School-Wes McGarry, High School Career Advisor,
wmcgarry@forsythtech.edu
- Stokes Early College High School-Holly Kidd, High School Career Coach, 336-983-3146
hkidd@forsythtech.edu

Stokes County FTCC Campus Juniors and Seniors have the opportunity to participate in multiple pathways in person at the Trades Building of the Stokes County Forsyth Technical Community Campus in Meadows. Please speak with your school counselor for information on these programs.

CTE Pathways - Stokes Trades Center

- Welding Technologies
- Electrical Systems
- Plumbing Systems
- Nurse Aide I

CTE Pathways - Stokes Transportation Center

- Automotive Technology
- Aviation Systems Technology



Other Course Offerings

Sample Schedule for Associate in Arts Degree

	FALL TERM	SPRING TERM	HS Credits	Sem Hours
9th	<u>Math 1 Honors (or Other College Course)</u> <u>English 1 Honors</u> <u>Physical Science</u> PED 111 Physical Fitness I (1) (½ HS H/PE) ART 111 Art Appreciation (3)	<u>Math 2 Honors</u> <u>World History Honors</u> <u>Earth Science Honors</u> PED 110 Fit and Well for Life (2) (½ HS H/PE) COM 231 Public Speaking (3)	10	9
10th	<u>Math 3 Honors</u> <u>Civics Honors</u> <u>Biology Honors</u> ENG 111 Writing and Inquiry (3) HIS 111 World Civilizations I (3)	<u>Math 4 or PreCalculus Honors</u> <u>English 2 Honors</u> <u>Chemistry Honors</u> ENG 112 Argument Based Research (3) SOC 210 Introduction to Sociology (3)	20	21
11th	<u>English 3 Honors</u> HUM 115 Critical Thinking (3) BIO 111 Principles of Biology I (4) SPA 111 Elementary Spanish I (3)	<u>English 4 Honors</u> <u>American History Honors</u> MAT 171 Precalc Algebra (or MAT 152 Stats) (4) ACA 122 Transfer Success (1) (0 HS Credit) SPA 112 Elementary Spanish II (3)	29	39
SMR	<u>Some of the courses listed above (Optional)</u>	<u>Some of the courses listed above (Optional)</u>		
12th	<u>Personal Finance Honors</u> ENG 231 American Literature I (3) POL 120 American Government (3) BUS 110 Introduction to Business (3)	PSY 150 General Psychology (3) PHI 240 Introduction to Ethics (3) HIS 112 World Civilizations II (3) REL 110 World Religions (3)	37	60

5th Year Optional



Other Course Offerings

Sample Schedule for Trades Diploma

	FALL TERM	SPRING TERM	HS Credits	Sem Hours
9th	<u>Math 1 Honors (or Other College Course)</u> <u>English 1 Honors</u> <u>Physical Science</u> PED 111 Physical Fitness I (1) (¼ HS H/PE) ART 111 Art Appreciation (3)	<u>Math 2 Honors</u> <u>World History Honors</u> <u>Earth Science Honors</u> PED 110 Fit and Well for Life (2) (¼ HS H/PE) COM 231 Public Speaking (3)	10	9
10th	<u>Math 3 Honors</u> <u>Civics Honors</u> <u>Biology Honors</u> SOC 210 Introduction to Sociology (3) SPA 111 Elementary Spanish I (3)	<u>Math 4 or PreCalculus Honors</u> <u>English 2 Honors</u> <u>Chemistry Honors</u> HIS 111 World Civilizations I (3) SPA 112 Elementary Spanish II (3)	20	21
11th	<u>English 3 Honors</u> <u>WLD 110 Cutting Processes (2)</u> <u>WLD 141 Symbols & Specs (3)</u> <u>ENG 111 Writing and Inquiry (3) or ENG 110</u>	<u>English 4 Honors</u> <u>American History Honors</u> <u>WLD 115 SMAW (Stick) Plate (5)</u> <u>MAT 110 Math Measurement & Literacy (3) or Higher</u>	28	37
SMR	Some of the courses listed above	Some of the courses listed above		
12th	<u>Personal Finance Honors</u> <u>WLD 131 GTAW (Tig) Plate (4)</u> <u>WLD 151 Fabrication 1 (4)</u> <u>WLD 262 Inspection & Testing (3)</u> <u>WLD 265 Automated Welding/Cutting (4)</u>	<u>WLD 121 GMAW (MIG) FCAW/Plate (4)</u> <u>WLD 132 GTAW Plate/Pipe (3)</u> <u>WLD 143 Welding Metallurgy (2) (0 HS Credit)</u> <u>WLD 116 SMAW (Stick) Plate/Pipe (4)</u>	36	65

5th Year or Summer Could be Required for the Diploma (AAS Degree also available)

Would require courses to be taken on Main Campus



Other Course Offerings

North Carolina Virtual Public School

NC Virtual Public School provides students with expanded high school course options by offering online courses and online services such as test preparation, career planning services, and more. Online learning isn't for everyone. It takes a great deal of commitment, discipline — and an occasional nudge from a dedicated parent or guardian. Attributes such as commitment, self-motivation and conscientious time management will greatly contribute to a student's success as a virtual learner. Students should also have a good working knowledge of email, file transfers, the Internet and good keyboarding skills. Advanced computer skills are not necessary. Since most student communications are written, the ability to comprehend written instructions and to write clearly to communicate ideas and complete assignments is essential.

IMPORTANT NOTE: Stokes County slots in NCVPS courses are LIMITED. NCVPS courses are intended to supplement the curriculum in North Carolina's traditional high schools (especially those in remote areas of the state) and are not designed to replace courses currently taught in our schools. Students in Stokes County may receive credit only for NCVPS courses they take that are not offered in the regular school setting, with the exception of occasional pre-approved situations. **Students that fail a NCVPS course may not be allowed to take another NCVPS course.** See your school counselor for details. You may go to <http://www.ncvps.org> for additional information.



Other Course Offerings

Four Year High School Plan

When planning your course for high school, be sure to choose courses which meet the graduation requirements which apply to you. The form below is designed to help you make sure you can work in all of the courses you need. You should revise your 4-year plan each year to be sure you can complete all graduation requirements.

Grade 9

1. English I _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Grade 11

1. English III _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Grade 10

1. English II _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Grade 12

1. English IV _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

