

HIGH SCHOOL REGISTRATION PLANNING GUIDE 2025 - 2026

Wayne County Public Schools

www.waynecountyschools.org

Charles B. Aycock
Eastern Wayne
Goldsboro
Rosewood
Southern Wayne
Spring Creek
Wayne Early/Middle College
Wayne School of Engineering
Wayne School of Technical Arts
Wayne Middle/High Academy

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High School Directory

Charles B. Aycock High School

5460 U.S. 117 North
Pikeville, NC 27863
919-242-3400

Eastern Wayne High School

1135 E. New Hope Road
Goldsboro, NC 27534
919-751-7120

Goldsboro High School

700 N. Herman Street
Goldsboro, NC 27530
919-731-5930

Rosewood High School

900 Rosewood Road
Goldsboro, NC 27530
919-705-6050

Southern Wayne High School

124 Walter Fulcher Road
Dudley, NC 28333
919-705-6060

Spring Creek High School

4340 Indian Springs Road
Seven Springs, NC 28578
919-751-7160

Wayne Middle/High Academy

1171 E. New Hope Road
Goldsboro, NC 27534
919-580-3609

Wayne Early/Middle College High School

3000 Wayne Memorial Drive
Goldsboro, NC 27534
919-739-7070

Wayne School of Engineering

801 N. Lionel Street
Goldsboro, NC 27530
919-734-0070

Wayne School of Technical Arts

1520 Goodson Street Building 3660
Goldsboro, NC 27531
919-751-7221

Special Notices

Wayne County Public Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following persons who are located at 2001 East Royall Avenue, Goldsboro, NC, 27533 and who can be reached at phone number (919) 731-5900 have been designated to handle inquiries regarding non-discrimination policies:

- ◆ Dr. Tim Harrell, Title IX Coordinator (Sex Discrimination/Sexual Harassment)
- ◆ Ms. Sherry Montague, Section 504 Coordinator
- ◆ Dr. Yvette Mason, Title VI Coordinator (Race/National Origin Discrimination)

All educational programs in Wayne County Public Schools are offered without regard to race, creed, color, national origin, sex, disadvantage or handicap. All Career and Technical Education programs in Wayne County Public Schools are offered without regard to race, creed, color, national origin, sex, disadvantage or handicap. WCPS provides educational opportunities and follows procedures according to the Interstate Compact on educational opportunities for military children.

Policies and administrative regulations change frequently.

The online version of this registration planning guide can be found at www.waynecountyschools.org.

The online registration planning guide will be updated as changes occur.

It is the student's responsibility to ensure that their educational program meets requirements.

Not all of the courses referenced in this planning guide are available at every high school.

Refer to your high school's course selection sheet to determine class availability.

Military Child Education

Wayne County Public Schools works to ensure successful transitions and on-time graduation for military connected students. Transcript evaluation, course credits and course placement are vital to a high school student's transition. *The Interstate Compact on Educational Opportunity for Military Children (mic3.net)* provides consistent policy to address key educational issues encountered by military families including enrollment, placement, attendance, eligibility and graduation. For more information or questions regarding Military Child Education, visit www.waynecountyschools.org or contact Heather Winstead, District Military Liaison, heatherwinstead@wcps.org.

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Wayne County Public Schools

Graduation Requirements

CONTENT AREA	FUTURE-READY CORE DIPLOMA	OCCUPATIONAL Course of Study Diploma (select IEP students)
English	4 Credits (sequential) English I, II, III and IV	4 Credits English I, II, III, and IV
Mathematics	4 Credits NC Math 1, NC Math 2, NC Math 3 (OR Algebra I, Geometry, Algebra II) <i>plus</i> a fourth math course aligned with the student's post high school plans	4 Credits (Entered 9th Grade in 2021-22 or after): Introduction to Mathematics; NC Math 1; Financial Management; Employment Preparation IV: Math 3 Credits (Entered 9th Grade prior to 2021-22): Introduction to Mathematics; NC Math 1; Financial Management
Science	3 Credits An earth/environmental science course; Biology; and a physical science course (such as Physical Science, Chemistry or Physics)	3 Credits (Entered 9th Grade in 2021-22 or after): Applied Science; Biology; Employment Preparation I: Science 2 Credits (Entered 9th Grade prior to 2021-22): Applied Science; Biology
Social Studies	4 Credits <i>Entered 9th Grade in 2021-2022 or after:</i> World History; Founding Principles of the United States of America and North Carolina: Civic Literacy; American History; Economics and Personal Finance	4 Credits (Entered 9th Grade in 2021-22 or after): Founding Principles of the USA and North Carolina: Civic Literacy; Economics and Personal Finance; Employment Preparation II: Citizenship 1A; Employment Preparation II: Citizenship 1B
World Language	Not Required for high school graduation (2 credits in the same language are recommended for UNC system)	Not Required
Health/Physical Education	1 Credit Health/PE including cardiopulmonary resuscitation (CPR) instruction	1 Credit Health/PE including cardiopulmonary resuscitation (CPR) instruction
Electives or other requirements	6 Credits: 2 elective credits of any combination from either: – Career and Technical Education (CTE) – Arts Education – World Language 4 elective credits (four course concentration) from one of the following is strongly recommended: – Career and Technical Education (CTE) – JROTC – Arts Education (e.g. Dance, Music, Theater Arts, Visual Arts) – Any other subject area (e.g. Social Studies, Science, Mathematics, English) NOTE: Beginning in fall 2025, students entering Grade 9 for the first time in 2025-26 shall have at least one arts education course.	4 Credits: Career and Technical Education electives 2 Additional Employment Preparation Credits: (Entered 9th Grade in 2021-22 or after) Employment Preparation III: Citizenship 2A Employment Preparation III: Citizenship 2B 6 Occupational Preparation Credits: (Entered 9th Grade prior to 2021-22) Occupational Preparation I or Employment Preparation I: Science; Occupational Preparation II or Employment Preparation II: Citizenship 1A and 1B; Occupational Preparation III or Employment Preparation III: Citizenship 2A and 2B; Occupational Preparation IV or Employment Preparation IV: Math The work hours shall include: 150 hours of school-based training with work activities and experiences that align with student's post school goals; 225 hours of community-based training; and 225 hours of paid employment or 225 hours of unpaid vocational training, unpaid internship, paid employment at community rehabilitation facilities, and volunteer and/or community service hours Total work hours: 600
Total	22 Credits	22 credits + Career Portfolio & completion of student's IEP objectives

Promotion Requirements

- ◆ Promotion to 10th Grade: student must have earned 6 credits
- ◆ Promotion to 11th Grade: student must have earned 12 credits
- ◆ Promotion to 12th Grade: student must have earned 18 credits

Grading System

Students in grades 9-12 earn quality points based on course level designation. The following course levels are now in Wayne County Public Schools: S (Standard Level); H (Honors Level); AP (Advanced Placement). Grades and the corresponding quality points are shown below for the 3 different levels of courses offered.

Letter Grade	Numerical Grade	Standard	Honors	Advanced Placement/ College Transfer
A	90-100	4.0	4.5	5.0
B	80-89	3.0	3.5	4.0
C	70-79	2.0	2.5	3.0
D	60-69	1.0	1.5	2.0
F	59 and below	0	0	0

Course Credit

In order to receive credit for courses, a student must achieve a passing grade (60 or greater) as the final course average. Final exams in courses with EOCs and teacher-made exams will count as 20% of the final grade. The end-of-semester Career and Technical Education State Assessments will also count as 20% of the final grade. Any student taking an Advanced Placement course must take the AP Exam in order to receive AP quality point. Honors credit will be awarded if the AP exam is not taken. The AP Exam is not the final exam for an Advanced Placement Course.

Unweighted GPA

A GPA that does not include quality points for courses that are taught at a more rigorous academic level than a standard course.

Weighted GPA

A GPA that includes quality points for courses taught at a more rigorous academic level such as honors (+.5 quality point) and advanced placement (+1 quality point) courses. This is also known as the QPA or Quality Point Average.

Academic Recognition

Honor Roll

- Principal's List: A student must have all A's in all courses.
- "A" Honor Roll: A student must have an overall grade average of 90.0 with no grade below 80.
- "B" Honor Roll: A student must have an overall grade average of 80.0 with no grade below 70.

Class Rank

The weighted GPA will be used to determine class rank. In cases where students have an identical weighted GPA, multiple students shall be designated, in alphabetical order by last name, for the same class rank number.

Designation of Latin Honors

Students may earn the following Latin Honors by attaining the associated Weighted GPA for each honor:

- Summa Cum Laude Graduate = Weighted GPA of 4.25 or higher (on the 4.0 scale)
- Magna Cum Laude Graduate = Weighted GPA of 4.0 to 4.24 (on the 4.0 scale)
- Cum Laude Graduate = Weighted GPA of 3.75 to 3.99 (on the 4.0 scale)

Initial determination of Latin Honor status, for the purpose of awards, will be made at the end of the 2nd grading period. Final calculations will be made at the end of the 4th grading period. Other students earning Latin Honor status by the end of their senior year may be notified prior to graduation but will not be recognized at Awards Night nor will their names appear on the commencement program due to advanced preparation for these events.

Honor Graduates

A student must maintain an unweighted GPA of 3.25 or higher through the end of their senior year to be an honor graduate. Initial determination of Honor Graduate status, for the purpose of awards, will be made at the end of the 2nd grading period. Final calculations will be made at the end of the 4th grading period, in order to verify that Honor Graduate qualifications have been met for graduation. Other students earning honor graduate status by the end of their senior year may be notified prior to graduation but will not be recognized at Awards Night nor will their names appear on the commencement program due to advanced preparation for these events.

Marshals

The top 7% of the students in the junior class will serve as Marshals each year. Using the weighted GPA scale, computation for Marshals will be made at the end of the first semester of the junior year. The highest ranked weighted GPA in the junior class will be designated Chief Marshal with the second highest weighted GPA being designated the Assistant Chief Marshal. Ties are broken by using the unweighted Grade Point Average. In cases where students have identical Unweighted Grade Point Averages, more than 7% of the students in the junior class may serve as marshals.

National Honor Society

Students in the 10th, 11th, and 12th grades must have a weighted GPA of 3.5 or higher at the time of computation to be considered for induction. Other factors considered for induction are service to the school and community, character, and leadership. Students

must have attended their high school for one full semester prior to being considered for induction. New members are considered for membership following the third grading period of each academic year. A student must maintain a weighted GPA of 3.5 or higher, participate in chapter and individual service projects, and maintain a clean discipline record in order to maintain membership in NHS.

National Technical Honor Society

Induction in the National Technical Honor Society is available to students who excel in Career and Technical Education courses. Other factors considered for induction are service to the school and community, character, attendance, and disciplinary records. New members are inducted each academic school year.

North Carolina Academic Scholars Endorsement

Students who complete the requirements for a well-balanced, challenging high school program will be named North Carolina Scholars and receive special recognition. Initial determination of North Carolina Academic Scholars Endorsement status will be made at the end of the 2nd grading period, and final calculations will be made at the end of the 4th grading period. Other students earning NCAS status by the end of their senior year may be notified prior to graduation but will not be recognized at Awards Night nor will their names appear on the commencement program due to advanced preparation for these events. ***Students must have a cumulative unweighted GPA of at least 3.5, in addition to the following course requirements:***

Mathematics	NC Math 1, NC Math 2, NC Math 3 (or their equivalents), and a fourth-level mathematics course that meets University of North Carolina system Minimum Course Requirements	4 credits
Science	An Earth/Environmental Science, Biology, and either Chemistry or Physics	3 credits
Social Studies	Four course credits of social studies	4 credits
Second Language	Two course credits of a world language (other than English)	2 credits
Electives	The student shall complete four elective credits in any <u>one</u> subject area, such as: Career and Technical Education (CTE), JROTC, Arts Education, World Languages, or in another subject area.	4 credits
High Level Courses	At least five advanced level courses (recommended minimum of one in each academic content area and an elective) which carry additional quality points, honors or college-level weighting.	5 credits

Credit by Demonstrated Mastery (CDM)

Credit by Demonstrated Mastery (CDM) is the process by which a student may be awarded credit in a particular course without completing classroom instruction for a certain amount of seat time. The CDM process will consist of a student scoring mastery on a specific exam and completing a required artifact that shows mastery of the course content. A student must begin the CDM process the semester before the next course in the sequence is to be delivered. If a student does not meet the requirements of CDM, they must register and take the course that was challenged. Students and families must speak with the school CDM team or its representative to begin the application process.

Attendance

A grade 9-12 student is expected to attend school on every scheduled student day unless absent for lawful reasons. (Unlawful and unexcused absences are absences defined by the N. C. Compulsory Attendance law, and regulations adopted by the State Board of Education, as “a child’s willful absence from school without the knowledge of the parent, or a child’s absence from school without cause and knowledge of the parent.” The term “unlawful absence” applies only to children between the ages of 7 and 16 who are subject to the Compulsory Attendance Law.) Any student who accumulates and exceeds 6 unlawful or unexcused absences for any course during a semester is in jeopardy of receiving a failing grade and receiving no credit for the course. Suspension or exclusion of students for misconduct may NOT be used for compulsory attendance violation actions. Additional information regarding student attendance requirements can be found in the High School Student Handbook.

NC Assessments & Final Exams

High school students must take all end-of-course (EOC) tests and Career & Technical Education State Proof of Learnings as required by the State Board of Education. The results of EOC tests and CTE State Assessments will count as 20% of a student's final grade in each high school course for which there is an EOC test or CTE State Assessment. In courses without a state assessment, the teacher-made final exam or Proof of Learning (credential or Performance Based Measurement project) will also count as 20% of the student's final grade. All NC high school students are also required to take the Pre-ACT (10th), ACT (11th), and WorkKeys (when applicable) tests.

Transfer Credit

Students transferring into a Wayne County Public School System high school from another school, private or public, a home school, or an alternative school may receive credit toward graduation for courses successfully completed at the sending school.

Students transferring from a traditional WCPS school to another traditional WCPS school will receive:

- Credit for all courses approved by the sending school.
- Weighted credit for all courses designated as Honors or AP by the sending school.

Students transferring from another public school system or from a charter school into WCPS will receive:

- Credit for all courses approved by the sending school.
- Weighted credit for all courses designated by the sending school system as Honors or AP only if comparable courses are designated Honors or AP in the WCPS High School Registration Planning Guide that was in effect the year the courses were taken.

Students re-entering a WCPS school after being long-term suspended, suspended for 365 days, or expelled from the WCPS System may earn credits toward graduation and/or promotion to the next grade for courses successfully completed during the period of suspension while enrolled in a private school, an institution of higher education, or a home school program. The principal will review the student's record as provided by the sending school to determine if credit should be granted for the courses successfully completed.

To the extent possible, students who transfer among schools in Wayne County or who transfer into WCPS in the middle of an academic year will be enrolled in courses that are similar to those in which they had been enrolled at their previous school. In the event that, due to course offerings in the new school, a student is unable to enroll in a course that is similar to one in which he or she had been enrolled, the student will be given the opportunity to enroll in an alternate course that will not result in the denial of credit to the extent practical in the school setting; for example, if the student can "catch up" in the class or perform adequately without having completed the first part of the class. Determination of credit for transfer students will be based on a review of individual circumstances. The school system does not guarantee course credit if a student is unable to complete a course due to a transfer.

UNC System Minimum Admissions Requirements

<https://www.northcarolina.edu/future-students/minimum-admission-requirements>

The University's System-wide minimum admission requirements are guidelines that help future students and University administrators determine if applicants are ready to meet the challenge of a four-year degree program, or if they might benefit from more preparatory work at a community college before transferring into the UNC System. As a mechanism for predicting student success, the UNC System's minimum admission requirements take into consideration three key measurements of students' previous achievement: high school courses, high school grade point average (GPA), and test scores. The benchmarks outlined below represent a system-wide minimum for admission; however, meeting these requirements does not guarantee admission to any specific university or program. Admission to individual institutions and to some academic programs within institutions may be more competitive and may demand additional requirements beyond the minimums listed below. Please check with each campus for additional information related to college planning terms, their specific admission requirements, and additional information to prepare for college.

University of NC System Campuses

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

UNC Minimum Course Requirements for First-Year, Incoming Freshmen:

Language (4 course units):

- 4 units in English emphasizing grammar, composition, and literature

Mathematics (4 course units) in any of the following combinations:

- NC Math I, NC Math II, NC Math III, and 1 unit beyond NC Math III
- Algebra I and II, Geometry, and 1 unit beyond Algebra II
- Algebra I and II, and 2 units beyond Algebra II

The University strongly encourages future students to take at least one mathematics course unit in the 12th grade.

Science (3 course units):

- at least 1 unit in a life or biological science (for example, biology)
- at least 1 unit in physical science (for example, physical science, chemistry, physics)
- at least 1 laboratory course

Social Studies (2 course units):

- including 1 unit in US History

Students who do not have the unit in US history may be admitted on the condition that they pass at least three semester hours in that subject by the end of the sophomore year.

For students applying for first-time (freshman) admission to constituent institutions after the 2024 spring semester:

- Two additional academic courses from English, mathematics, science, social studies, world languages, or computer science. (Note: these courses should be selected in alignment with a student's academic and career objectives. Completion of two sequential world language courses is recommended.)

GPA and Test Scores

High School GPA: A minimum weighted GPA of 2.5.

Standardized Test Scores: Students with a weighted High School GPA greater than or equal to 2.50 and less than 2.80 are required to submit a standardized test score of a 17 or higher on the ACT or a 930 or higher on the SAT.

Driver's Eligibility

Students must have a Driving Eligibility Certificate in order to receive a North Carolina driver's permit or license. The Division of Motor Vehicles will not issue a driver's permit or license without a Driving Eligibility Certificate. A student must pass 70% of the maximum possible courses the previous semester to be eligible to receive a Driving Eligibility Certificate. A student must continue to make adequate academic progress each semester in order to retain the permit or license. Academic performance will be evaluated at the end of each semester. The revocation of a student's driving permit or license will occur if a student does not maintain adequate academic progress (pass 3 of 4 courses) or drops out of school. Senate Bill 57 calls for the loss of driving privileges for students under the age of 18 who are given a 10 day or longer suspension and/or an assignment to an alternative educational setting.

Athletic Eligibility

To be eligible to participate in athletics, the athlete must meet rules of eligibility set by The North Carolina High School Athletic Association, Inc. including, but not limited to the following:

- ◆ Be a properly enrolled student at the time of participation.
- ◆ Be enrolled no later than the 15th day of the present semester.
- ◆ Be in regular attendance.
- ◆ Have been in attendance for at least 85% of the previous semester at an approved school.
- ◆ Not exceeded eight consecutive semesters of attendance or have participated more than four seasons in any sport since first entering 9th grade.
- ◆ Must be under 19 years of age as of August 31st of the current school year.
- ◆ Live with parents or legal guardian. (Reference the NC High School Athletic Association handbook for further clarification.)
- ◆ Live in the school attendance district or be granted out-of-district status by the WCPS Board of Education.
- ◆ Have received a medical examination by a duly licensed physician, nurse practitioner, or physician's assistant within the previous 365 days.
- ◆ Have passed at least 70 percent of courses taken the previous semester.
- ◆ Incoming freshmen are initially eligible for the fall semester upon entry into the 9th grade.

Other eligibility restrictions may apply. Please contact your school's principal or athletic director for clarification as special situations or circumstances arise.

NCAA Initial-Eligibility Clearinghouse

The purpose of the NCAA Initial-Eligibility Clearinghouse is to determine the athletic eligibility of present high school seniors who wish to enroll as college freshman for the next school year at NCAA Division I and II institutions. The Clearinghouse determines freshman athletics eligibility using three components: core courses (specific academic courses), core course GPA, and SAT or ACT score. You must register and be certified by the NCAA Initial-Eligibility Clearinghouse if you intend to participate in college athletics. **YOU SHOULD REGISTER WITH THE CLEARINGHOUSE AT THE BEGINNING OF YOUR SENIOR YEAR.** NCAA Clearinghouse registration materials are available at www.ncaaclearinghouse.net. **Credits earned through credit recovery do not satisfy the NCAA requirements.**

Schedule Changes

Much time and planning is involved in student course selection and the creation of a master schedule that provides students with the best schedules possible to fit the course offerings at each school; therefore, schedule changes will be limited following the completion of course registration. Courses may be added or dropped during the first three (3) days of each semester provided there is a valid reason and the course change is approved by parents, school counselor, and principal.

Supplemental Programs of Study

Academically/Intellectually Gifted Services

Students identified at the secondary level are served through honors level and Advanced Placement courses. The focus of the secondary program is on academic excellence, intellectual growth, and student achievement.

Advanced Placement Program

If you plan to continue your education at a four-year college or university and would like to earn college credits while still in high school, Advanced Placement courses are available in a variety of subjects. Each course covers material the equivalent of a complete college course. The student who enrolls in an Advanced Placement course must take the AP Exam for that course as specified in the course description to receive AP credit.

To receive college credit: Students who earn a score of 3 or higher on the AP Exam will receive college credits at all UNC Institutions. Some private and out of state colleges or universities may require a score of 4 or 5 in order to receive credit. Students should obtain the college's AP policy.

Dual Enrollment/ Career and College Promise

Career & College Promise (CCP) is North Carolina's tuition-free dual enrollment program for high school students. This program allows eligible NC high school students to enroll in college classes at North Carolina community colleges and universities through their high school. Students who successfully complete college courses earn college credit they can take with them after graduation. In many cases, students can also earn dual credit - meeting high school graduation requirements with college courses.

In order to be eligible, in addition to other criteria established by institutions of higher education, a student must be a high school junior or senior. High school freshmen and sophomores, who are otherwise eligible, may participate in the Career and Technical Education pathway for engineering technologies, industrial technologies, agriculture and natural resources technologies, or transportation systems technologies certificate and diploma.

(Refer to Appendix E for College Transfer and Career and Technical Education Pathways.)

College Transfer Program (Juniors/Seniors):

- Have an unweighted GPA of 2.8 on high school courses or demonstrate college readiness on an approved assessment
- Good discipline record

Career and Technical Education Program (Juniors/Seniors):

- Have an unweighted GPA of 2.8 on high school courses or have the recommendation of the high school principal
- Meet the prerequisites for the career pathway
- Good discipline record

Career and Technical Education Program (Freshmen/Sophomores):

- Limited pathways: Engineering, Industrial, Agriculture and Natural Resources, Transportation System Technologies
- Have passed NC Math 1 with a grade of "C" or better
- Scored level 3 or better on the NC Math 1 EOC assessment
- Scored level 3 or better on the 8th grade ELA EOG assessment
- Good discipline record

All participants must provide their own transportation to the Wayne Community College campus. Failure in any course at your high school or Wayne Community College may jeopardize participation within the program. Participants must adhere to all regulations, including attendance at both institutions. Wayne County Public School students do not pay tuition (tuition-free); however, students are responsible for the purchase of textbooks/e-textbooks, as well as the Student Activity Fee.

Application Procedure

Students interested in participating in the CCP program should contact their school counselor for application procedures. Once a student is registered for the program, they must submit a copy of their Wayne Community College schedule to the high school counseling office at the beginning of each semester. Participants are not to drop WCC classes without permission from their high school counselor. Students who withdraw, drop, or fail to attend a college course may be placed in a course at their high school if necessary; transcripts may reflect these withdrawn or dropped courses.

CCP Course Credit

Students will receive 1 added quality point (AP equivalent credit) on the high school transcript for college courses in the College Transfer Pathway. All other college courses will receive no added quality points (standard equivalent credit). Grades will be calculated in the high school GPA at the end of each semester. The 17 UNC System schools will accept courses in the College Transfer Pathway. The Wayne County Public Schools policy regarding transfer grades will be followed to convert Wayne Community College letter grades to numerical grades.

The State Board of Education's Course for Credit policy states that college and university courses of one and two credit hours will NOT receive high school dual credit.

Non-traditional Graduation

Accelerated graduation (6 semesters)

For accelerated graduation, a student must:

- Show satisfactory mastery of high school academic skills and concepts
- Meet the graduation course and testing requirements that were effective the year they entered ninth grade for the first time
- Parent & student must attend a parent/student meeting with a school administrator regarding accelerated/compacted graduation pathway and topics for consideration.
- Early graduates are NOT eligible to participate in athletics or extracurriculars past their graduation date.

Mid-year graduation (7 semesters)

Seniors who wish to graduate at the mid-year of their senior year will need to consult with their school counselor regarding graduation credits prior to the beginning of the seventh semester. Mid-year graduates are NOT eligible to participate in athletics past their graduation date.

Exceptional Children's Services

Occupational Course of Study

The Occupational Course of Study (OCS) is one of two courses of study a student with disabilities may complete to graduate with a High School diploma in North Carolina. The Occupational Course of Study will be an appropriate alternative for selected students with disabilities for whom the Future Ready Core (FRC) is inappropriate. Students will learn functional academic skills that will prepare them to live independently, maintain employment, and be active participants in the community. The decision to place a student on an OCS graduation plan is discussed by the IEP Team with the parents' input regarding their vision for their child's graduation.

Life Skills Program

Wayne County high schools offer an environment to students in the Life Skills Program which allows them to participate in a functional curriculum with the following characteristics: community-referenced, integrated, longitudinal, and community-based. Schools use a number of curricula to meet the needs of our students, including life-centered career education, transition education, functional curriculum, and the basic computer curriculum.

Credit Recovery

Credit recovery provides an additional learning opportunity for students who have previously been unsuccessful in mastering content or skills required to receive course credit. As set forth in policy 3420, Student Promotion and Accountability, the term "credit recovery" refers to a block of instruction that is less than the entirety of the Standard Course of Study for that course. Credit recovery delivers a subset of the Standard Course of Study or blueprint of the original course in order to specifically address deficiencies in a student's mastery of the course and target specific components of a course necessary for completion.

- The "credit" offered through the Credit Recovery Program is credit toward graduation requirements only and may not be recognized by outside groups, including postsecondary institutions. Course credit acquired through the Credit Recovery Program may not satisfy NCAA course eligibility requirements for student athletes. However, the North Carolina High School Athletic Association (NCHSAA) has acknowledged that there will be no adverse impact on a student's high school athletic eligibility due to participation in credit recovery courses.
- Students should speak with their school counselor about how participation in the Credit Recovery Program could impact their unique post-graduation plans.
- The length of credit recovery courses is dictated by the skills and knowledge the student needs to recover and not a fixed length of seat time.
- Students may enroll in only one credit recovery course at a time, but may enroll in credit recovery courses in sequence during a semester instructional block. The number of credit recovery courses taken by a student prior to graduation shall not be limited.

Please speak with the school counselor or refer to WCPS Policy AR-3420 for more information.

Grade Replacement

Students may repeat a course for which they have previously earned credit, subject to the following preconditions, and any other reasonable rules established by the superintendent or designee:

- The student must have earned a grade of C/79 or lower in the course on the first attempt.
- The student must complete form AR 3420, with full signatures, in order to repeat the course.
- The principal or designee must approve the request.
- There must be space available after seats have been assigned to students who are taking the course for the first time or are repeating a previously failed course.
- The course to be repeated must be a duplicate of the entire original course and must be taken during the regular school day at a high school in the WCPS school system or through the North Carolina Virtual Public School.
- Upon completion of the repeated course, the new course grade will replace the student's original grade on the student's transcript and in calculations of the student's GPA, class rank, and honor roll eligibility, regardless of whether the later grade is higher or lower than the student's original mark.
- Credit towards graduation for the same course will be given only once.
- A specific course may be repeated only one time.
- Students may repeat a maximum of four previously passed courses during their high school careers.

North Carolina Virtual Public School (NCVPS - ncvps.org)

NCVPS provides students the opportunity to take online classes that might not otherwise be available to them. Students must be able to work independently and demonstrate self-discipline and self-motivation. Heavy reading is involved. Standard, Honors and Advanced Placement level classes are available in various subjects and are taught by NC certified teachers. Once the online course is completed, including any required EOC or CTE Proof of Learning, the student receives credit on the school transcript. Quarterly grades are not reported for NCVPS courses. Only final grades are reported. A list of available NCVPS courses is posted at www.ncvps.org. Students interested in taking one or more NCVPS courses should meet with their counselor to determine eligibility.

Non-Traditional High Schools

Wayne Early/Middle College High School (WEMCHS)

WEMCHS is located on the campus of Wayne Community College and is a member of the network of NC Cooperative Innovative High Schools. All students enrolled in WEMCHS are also enrolled and complete coursework through WCC. Students at WEMCHS complete North Carolina graduation requirements and have the opportunity to graduate from high school with an associate degree from WCC over a four to five year period. Rising ninth graders are selected through an application and lottery process in the spring of each year. Contact Wayne Early/Middle College High School at 919-739-7070 for more information.

Wayne School of Engineering (WSE)

Wayne School of Engineering (WSE) serves grades 6-13. Students from throughout Wayne County have the opportunity to receive a personalized education with a focus on Science, Technology, Engineering, and Mathematics (STEM). Students who possess high academic and appropriate behavioral standards also have the opportunity to obtain college credit with the possibility of completing a two-year associate degree. Middle school athletics are available, and high school students have the opportunity to participate in athletics through Goldsboro High School. Rising sixth graders are selected through an application and lottery process in the spring of each year. Contact Wayne School of Engineering at 919-734-0070 for more information.

Wayne School of Technical Arts (WSTA)

Wayne School of Technical Arts (WSTA) is located on Seymour Johnson Air Force Base. WSTA offers a STEM-themed education, with both technical course offerings and advanced placement courses. The core academic program at WSTA is designed to meet NC Career and College Ready requirements, including math, science, social studies, English, and world languages. Students will have the opportunity to earn the AP Capstone Diploma Endorsement and/or the opportunity to earn industry credentials in a technical arts field of study. Rising sixth graders are selected through an application and lottery process in the spring. Contact Wayne School of Technical Arts at 919-751-7221 for more information.

Wayne Middle/High Academy

The primary goal of Wayne Middle/High Academy is to provide an alternative education for students (in grades 6-12) who have been referred from a traditional school setting. Students at Wayne Middle/High Academy experience smaller class sizes, individualized attention, and opportunities for distance learning. In addition to academics, Wayne Middle/High Academy focuses on increasing student attendance and character education. The staff members at Wayne Middle/High Academy are committed to student achievement as well as parent and community involvement.

COURSE DESCRIPTIONS

***Not all courses are available at every high school.
Refer to your high school's course selection sheet to determine course availability.***

ARTS EDUCATION

Novice, Developing, and Beginning level courses are designed for students with no or limited K-8 progression in Arts Education. Students who have received a complete K-8 education in a particular discipline and have mastered the objectives from those courses are eligible to enroll in courses beyond Novice, Developing, or Beginning level with a teacher recommendation or audition/portfolio from the middle school AND permission of the high school level instructor.

BAND

Marching Band—Novice, Developing, Intermediate, Accomplished (Honors) and Advanced (Honors)
 Concert Band—Novice, Developing, Intermediate, Accomplished (Honors) and Advanced (Honors)
 Jazz Band—Novice, Developing, Intermediate, Accomplished (Honors) and Advanced (Honors)
 Percussion Ensemble—Novice, Developing, Intermediate, Accomplished (Honors) and Advanced (Honors)
 Music Theory and Music Theory Honors

Marching Band Novice	Course Code: 52582X0MB	Level: S	Credit: 1
Marching Band Developing	Course Code: 52592X0MB	Level: S	Credit: 1
Marching Band Intermediate	Course Code: 52562X0MB	Level: S	Credit: 1
Marching Band Accomplished (Honors)	Course Code: 52575X0MB	Level: H	Credit: 1
Marching Band Advanced (Honors)	Course Code: 52585X0MB	Level: H	Credit: 1

Prerequisites: All courses beyond Novice require either completion of the prior course and permission of the instructor OR a teacher recommendation or audition and permission of the instructor.

Marching Band is a dynamic performance group that combines music, movement, and precision. Students will have the opportunity to develop skills in musical performance, teamwork, and leadership while participating in shows, parades, and competitive events. Throughout the season, students will learn essential marching techniques, improve their individual musical abilities, and build strong camaraderie within the group. Regular rehearsals, as well as performances at football games and special events, are a vital part of the experience. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Concert Band Novice	Course Code: 52582X0CB	Level: S	Credit: 1
Concert Band Developing	Course Code: 52592X0CB	Level: S	Credit: 1
Concert Band Intermediate	Course Code: 52562X0CB	Level: S	Credit: 1
Concert Band Accomplished (Honors)	Course Code: 52575X0CB	Level: H	Credit: 1
Concert Band Advanced (Honors)	Course Code: 52585X0CB	Level: H	Credit: 1

Prerequisites: All courses beyond Novice require either completion of the prior course and permission of the instructor OR a teacher recommendation or audition and permission of the instructor.

Concert Band is an ensemble that focuses on the development of musicianship through the performance of a wide range of musical styles, including classical, contemporary, and popular genres. Students will refine their technical skills, learn advanced music theory, and develop a deeper understanding of musical expression while performing in an ensemble setting. Rehearsals emphasize individual and group performance techniques, sight-reading, and the ability to work as part of a cohesive unit. The band performs in concerts throughout the school year and may also participate in festivals and competitions. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Jazz Band Novice	Course Code: 52582X0JB	Level: S	Credit: 1
Jazz Band Developing	Course Code: 52592X0JB	Level: S	Credit: 1
Jazz Band Intermediate	Course Code: 52562X0JB	Level: S	Credit: 1
Jazz Band Accomplished (Honors)	Course Code: 52575X0JB	Level: H	Credit: 1
Jazz Band Advanced (Honors)	Course Code: 52585X0JB	Level: H	Credit: 1

Prerequisites: All courses beyond Novice require either completion of the prior course and permission of the instructor **OR** a teacher recommendation or audition and permission of the instructor.

Jazz Band is an ensemble that focuses on the development of musicianship through the performance of a wide range of musical repertoire. Students will refine their technical skills, learn advanced music theory, and develop a deeper understanding of musical expression while performing in an ensemble setting. Rehearsals emphasize individual and group performance techniques, improvisation, and the ability to work as part of a cohesive unit. The band performs in concerts throughout the school year and may also participate in festivals and competitions. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Percussion Ensemble Novice	Course Code: 52582X0P	Level: S	Credit: 1
Percussion Ensemble Developing	Course Code: 52592X0P	Level: S	Credit: 1
Percussion Ensemble Intermediate	Course Code: 52562X0P	Level: S	Credit: 1
Percussion Ensemble Accomplished (Honors)	Course Code: 52575X0P	Level: H	Credit: 1
Percussion Ensemble Advanced (Honors)	Course Code: 52585X0P	Level: H	Credit: 1

Prerequisites: All courses beyond Novice require either completion of the prior course and permission of the instructor **OR** a teacher recommendation or audition and permission of the instructor.

Percussion Ensemble focuses on the development of musicianship through the performance of a wide range of musical repertoire while focusing on the unique needs of the percussion section. Students will refine their technical skills, learn advanced music theory, and develop a deeper understanding of musical expression while performing in an ensemble setting. Rehearsals emphasize individual and group performance technique and the ability to work as part of a cohesive unit. The ensemble performs in concerts throughout the school year and may also participate in festivals and competitions. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. (Please note that enrollment in Percussion Ensemble does not guarantee inclusion in the Drum Line as this is a separate auditioned group). ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Music Theory	Course Code: 52962X0MT	Level: S	Credit: 1
Music Theory Honors	Course Code: 52965X0MT	Level: H	Credit: 1

This course is a local music elective that focuses on the fundamentals and elements of music construction. Various types of scales, melodic intervals, ear training, chord structures and relationships; harmonization, part writing and music form are studied. ***These courses **do not** satisfy the Arts Education Graduation Requirement and **do not** count towards the Arts Education Diploma Endorsement.*

Flag Guard	Course Code: 52962X0F	Level: S	Credit: 1
Flag Guard Honors	Course Code: 52965X0F	Level: H	Credit: 1

Prerequisites: Audition and permission of the instructor are required

This class is designed to teach students the art of performing with the marching band. Its curriculum will cover basic techniques of marching, spinning flags, rifles and sabers. Students in this class are required to perform with the marching band for Friday night football games, parades and Saturday band competitions. All students in this class will have to pass an audition prior to enrolling in the class or must have special permission from the band director. ***These courses **do not** satisfy the Arts Education Graduation Requirement and **do not** count towards the Arts Education Diploma Endorsement.*

GENERAL MUSIC

General Music –Beginning and Accomplished (Honors)

General Music Beginning	Course Code: 52092X0	Level: S	Credit: 1
General Music Accomplished (Honors)	Course Code: 52105X0	Level: H	Credit: 1

Prerequisites: All courses beyond Beginning require either completion of the prior course and permission of the instructor **OR** a teacher recommendation or portfolio and permission of the instructor.

General Music is a non-performance-based course designed to provide students with a broad understanding of music from a variety of cultures, genres, and historical periods. This course is perfect for students who enjoy music but may not want to participate in a performing ensemble like band or choir. It focuses on the appreciation, theory, and analysis of music, as well as developing a deeper understanding of how music connects to different aspects of life. Throughout the course, students will explore music history, music theory, and the fundamentals of sound. Topics may include the evolution of classical music, popular music trends, the influence of music in film and media, and world music traditions. Students will also learn basic music theory concepts, such as reading music, rhythm, and harmony. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

THEATRE ARTS

Theatre Arts – Beginning, Intermediate, Accomplished (Honors), and Advanced (Honors)

Theatre Arts Beginning	Course Code: 53152X0	Level: S	Credit: 1
Theatre Arts Intermediate	Course Code: 53162X0	Level: S	Credit: 1
Theatre Arts Accomplished (Honors)	Course Code: 53175X0	Level: H	Credit: 1
Theatre Arts Advanced (Honors)	Course Code: 53185X0	Level: H	Credit: 1

Theatre Arts introduces students to the exciting world of live performance, focusing on acting, stagecraft, and the creative process. In this course, students will explore the fundamentals of theatre, including character development, script analysis, voice and movement techniques, and stage presence. Emphasis is placed on both individual and ensemble work as students collaborate to create compelling performances. Throughout the course, students will engage in a variety of activities such as improvisation, monologues, scene work, and group performances. They will also gain an understanding of the technical side of theatre, including lighting, sound, and set design. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Technical Theatre Beginning	Course Code: 53212X0	Level: S	Credit: 1
Technical Theatre Accomplished (Honors)	Course Code: 53315X0	Level: H	Credit: 1

Prerequisites: All courses beyond Beginning require either completion of the prior course and permission of the instructor **OR** a teacher recommendation or audition/portfolio and permission of the instructor.

Technical Theatre offers students a hands-on, behind-the-scenes look at the world of live performance. In this course, students will learn the essential skills required to bring a theatrical production to life, from set design and construction to lighting, sound, and costume design. Students will also be introduced to stage management, production planning, and the various technical aspects that make a show run smoothly. Throughout the course, students will participate in building and designing sets, learning how to operate sound and lighting equipment, and gaining experience with the tools and technology that are used in professional theatre productions. In addition, students will collaborate with performers and directors to ensure that every technical detail supports the artistic vision of the show. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

VISUAL ARTS

Visual Arts –Beginning, Intermediate, Accomplished (Honors), and Advanced (Honors)
Visual Arts Specialization – Accomplished (Honors) and Advanced (Honors)

Visual Arts Beginning	Course Code: 54152X0	Level: S	Credit: 1
Visual Arts Intermediate	Course Code: 54162X0	Level: S	Credit: 1
Visual Arts Accomplished (Honors)	Course Code: 54175X0	Level: H	Credit: 1
Visual Arts Advanced (Honors)	Course Code: 54185X0	Level: H	Credit: 1

Prerequisites: All courses beyond Beginning require either completion of the prior course with a minimum score of 80 and permission of the instructor OR a teacher recommendation or audition/portfolio and permission of the instructor.

Visual Arts courses are designed to foster creativity, technical skill, and self-expression through a variety of artistic mediums. Students will explore different forms of visual art, including drawing, painting, sculpture, printmaking, and digital art. Courses emphasize both traditional techniques and contemporary approaches, allowing students to develop a well-rounded understanding of visual art practices. Students will learn about the elements and principles of design, color theory, composition, and perspective. They will also study the work of influential artists and art movements to gain inspiration and historical context for their own creations. Projects range from individual assignments to collaborative work, encouraging both personal exploration and teamwork. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Visual Arts Specialization Accomplished (Honors)	Course Code: 54635X0	Level: H	Credit: 1
Visual Arts Specialization Advanced (Honors)	Course Code: 54645X0	Level: H	Credit: 1

Prerequisites: All courses beyond Beginning require either completion of the prior course with a minimum score of 80 and permission of the instructor OR a teacher recommendation or audition/portfolio and permission of the instructor.

Visual Arts Specialization courses teach the same objectives and skills as standard Visual Arts courses while focusing on specific approaches and areas of special technique. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

VOCAL MUSIC

Mixed Choir – Novice, Developing, Intermediate, Accomplished (Honors), and Advanced (Honors)
Concert Choir – Novice, Developing, Intermediate, Accomplished (Honors), and Advanced (Honors)
Vocal Ensemble -- Accomplished (Honors) and Advanced (Honors)

Mixed Choir Novice	Course Code: 52382X0MC	Level: S	Credit: 1
Mixed Choir Developing	Course Code: 52392X0MC	Level: S	Credit: 1
Mixed Choir Intermediate	Course Code: 52312X0MC	Level: S	Credit: 1
Mixed Choir Accomplished (Honors)	Course Code: 52325X0MC	Level: H	Credit: 1
Mixed Choir Advanced (Honors)	Course Code: 52335X0MC	Level: H	Credit: 1

Prerequisites: All courses beyond Novice require either completion of the prior course and permission of the instructor OR a teacher recommendation or audition/portfolio and permission of the instructor.

Mixed Choir courses are designed for students interested in developing their singing skills and musical knowledge while performing as part of a group. Students will learn the fundamentals of vocal technique, sight-reading, harmony, and music theory, all while exploring a wide range of musical styles. Emphasis is placed on developing a strong, healthy voice, blending harmonies, and working as a cohesive team to create beautiful choral music. Students will also gain experience in vocal performance techniques, stage presence, and teamwork. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Concert Choir Novice	Course Code: 52382X0CC	Level: S	Credit: 2
Concert Choir Developing	Course Code: 52392X0CC	Level: S	Credit: 2
Concert Choir Intermediate	Course Code: 52312X0CC	Level: S	Credit: 2
Concert Choir Accomplished (Honors)	Course Code: 52325X0CC	Level: H	Credit: 2
Concert Choir Advanced (Honors)	Course Code: 52335X0CC	Level: H	Credit: 2

Prerequisites: All courses beyond Novice require either completion of the prior course and permission of the instructor **OR** a teacher recommendation or audition/portfolio and permission of the instructor. Students must enroll in Concert Chorus in **both** the fall and spring semester.

Concert Chorus is a year-long course intended to provide students with a more robust opportunity to develop the skills and objectives covered in the Vocal Ensemble courses. Students must enroll in this course for both the fall and spring semesters. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Vocal Ensemble Accomplished (Honors)	Course Code: 52325X0VE	Level: H	Credit: 2
Vocal Ensemble Advanced (Honors)	Course Code: 52335X0VE	Level: H	Credit: 2

Prerequisites: All courses beyond Beginning require either completion of the prior course and permission of the instructor **OR** a teacher recommendation or audition/portfolio and permission of the instructor. Students must enroll in Show Choir in **both** the fall and spring semester.

Vocal Ensemble is a course designed for students with a strong foundation in choral music and vocal technique. Focused on enhancing both individual and group performance skills, students will explore a wide range of choral repertoire, including classical, contemporary, and multicultural pieces. Emphasis will be placed on developing vocal proficiency, sight-reading, and harmonizing in both small and large group settings. Throughout the course, students will work on improving vocal blend, articulation, expression, and stage presence, while preparing for various performances throughout the school year. This ensemble provides an opportunity for students to refine their musicianship in a collaborative, performance-driven environment. Students must enroll in this course for both the fall and spring semesters. Courses are organized by proficiency level and students may repeat courses for credit within a given proficiency level before moving on to the next level, based on their mastery of the standards. ***These courses satisfy the Arts Education Graduation Requirement and count towards the Arts Education Diploma Endorsement.*

Music Theory	Course Code: 52962X0MT	Level: S	Credit: 1
Music Theory Honors	Course Code: 52965X0MT	Level: H	Credit: 1

This course is a local music elective that focuses on the fundamentals and elements of music construction. Various types of scales, melodic intervals, ear training, chord structures and relationships; harmonization, part writing and music form are studied. ***These courses **do not** satisfy the Arts Education Graduation Requirement and **do not** count towards the Arts Education Diploma Endorsement.*

CAREER & TECHNICAL EDUCATION

Wayne County Public Schools offers a comprehensive Career and Technical Education program for students in middle and high schools. Courses are offered in Agricultural Education; Business, Finance, and Marketing Education; Career Development Education; Computer Science and Information Technology Education; Family and Consumer Sciences Education; Health Science Education; Trade, Technology, Engineering, and Industrial Education. The mission of Career and Technical Education programs in Wayne County Public Schools is to empower students for effective participation in a global economy as world-class workers and citizens.

All programs or courses may not be offered at every high school. Many of the CTE courses are offered as both Standard and Honors. Please see the Career Development Coordinator or Counselor at your school to determine which CTE courses are offered at your school, as well as what courses are offered as Honors. The **Wayne County Public Schools Career Clusters (refer to Appendix E)** has a complete list of all CTE courses taught within each career cluster/pathway. **Concentrator courses are indicated by a ♦ symbol.**

All Career & Technical Education courses are measured by one of three **CTE Proofs of Learning**: (1) **CTE State Assessment** - students take a 100-question multiple choice online test which is administered at the end of the semester; (2) **Credential** - students work to attain the industry-recognized credential(s) tied to the course throughout the semester; (3) **Performance-Based Measurement** - students complete projects, skills, and competencies associated with the course throughout the semester.

Articulated credit can be awarded to many of the CTE courses. Articulated credit is college credit earned while a student is in high school. The credit is awarded for a CTE high school course that is associated with a comparable college-level course, for which there is a signed articulation agreement between the CTE program and the community college. The list of CTE courses and criteria can be found on the **CTE Courses Earning Articulated Credit in NC Community College System (refer to Appendix G)**.

Work-Based Learning: Career and Technical Education encourages work-based learning experiences to enhance CTE programs offered at each school. These experiences include: Business and Industry Field Trips; STEAM and Career Fairs; Manufacturing Day; Job Shadowing; Cooperative Education; Entrepreneurial Experiences; Internships; Apprenticeships; and Service Learning. For more information about these opportunities, contact the Career Development Coordinator at your school.

AGRICULTURAL EDUCATION

Agricultural Mechanics I (AS31)	CTE Apprenticeship	Horticulture I – Introduction to Plants (AP41)
Agricultural Mechanics II (AS32)	CTE Career and College Promise	Horticulture II (AP42)
Animal Science I (AA21)	CTE Internship	Natural Resources I (AN51)
Animal Science II Food Animal (AA22)	Equine Science I (AA31)	Natural Resources II – Forestry (AN53)
CTE Advanced Studies	Equine Science II (AA32)	

Legend: ♦=Concentrator Level Course

Agricultural Mechanics I

Course Code: AS312X0

Level: S

Credit: 1

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. OSHA 10 Hour Credential	No	No	No	Standard	AGNR	20

Agricultural Mechanics II - Honors ♦

Course Code: AS325X0

Level: H

Credit: 1

Prerequisite: Agricultural Mechanics I

In this course, the topics of instruction emphasized are non-metallic agricultural fabrication techniques, metal fabrication technology, safe tool and equipment use, human resource development, hot/cold metal working skills and technology, advanced welding and metal cutting skills, working with plastics, plumbing, concrete and masonry, agricultural power and advanced career exploration/decision making.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. Certified Welders per Welding Code AWS D1.1 2. National Safe Tractor and Machinery Operation Certification	Yes	No	No	Standard	AGNR	20

Animal Science I

Course Code: AA212X0

Level: S

Credit: 1

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	1. Youth for the Quality Care of Animals (YQCA)	No	No	No	Pilot	AGNR	25

Animal Science II - Food Animal- Honors ♦**Course Code: AA225X0****Level: H****Credit: 1****Prerequisite: Animal Science I**

This course focuses on animal anatomy, physiology, digestion, reproduction, housing and facilities, management, and genetics of the food animal industry. Leadership development and employability skills are integral to the course and are delivered through authentic experiences.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	1. National Beef Quality Assurance Program Cow/Calf Certification 2. North Carolina Beef Quality Assurance	Yes	No	No	Pilot	AGNR	25

Equine Science I**Course Code: AA312X0****Level: S****Credit: 1**

This course focuses on the basic scientific principles and processes related to equine physiology, breeding, nutrition and care, in preparation for a career in the equine industry.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	AGNR	25

Equine Science II - Honors ♦**Course Code: AA325X0****Level: H****Credit: 1****Prerequisite: Equine Science I**

The course focuses on more advanced applications of feeding, breeding, and management practices involved in the horse industry.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Equine Management and Evaluation Certification (as POL)	Yes	No	No	Standard	AGNR	25

Horticulture I – Introduction to Plants**Course Code: AP412X0****Level: S****Credit: 1**

Grow your knowledge of plant biology and environmental conditions plants need to thrive. Cultivate plant identification skills and experiment with propagation and production practices. 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 Plant Systems pathway.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Pilot	AGNR	25

Horticulture II – Plant Production ♦**Course Code: AP422X0****Level: S****Credit: 1****Prerequisite: Horticulture I**

Cultivate skills related to greenhouse, nursery, floral, and edible plant production, and maintenance practices. Experience the requirements to grow and maintain healthy plants and floral products through work-based learning opportunities. Build leadership development 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 Plant Systems pathway.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Pilot	AGNR	20

Natural Resources I**Course Code: AN512X0****Level: H****Credit: 1**

Develop knowledge of renewable and non-renewable natural resources in an agricultural education setting. Explore forestry and wildlife habitat management procedures through hands-on activities. Practice skills and methods used to evaluate and classify soils. Examine land use regulations to support environmental quality. Build leadership development 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 Natural Resources pathway.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	AGNR	25

Natural Resources II – Forestry ♦**Course Code: AN532X0****Level: S****Credit: 1****Prerequisite: Natural Resources I**

Explore forest cultivation, conservation and management, and timber harvesting and processing to prepare students for a career in the forestry industry. Implement skills in tree identification and timber measurement. Develop forestry knowledge and skills to attain an industry recognized credential. Gain the knowledge and skills for careers in Natural Resources pathway.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Certified Forest Workers	No	No	No	Pilot	AGNR	20

CTE Advanced Studies - AGNR**Course Code: WS022X0****Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Standard	AGNR	25

CTE Career and College Promise**Course Code: Various****Level: S****Credit: 1**

College and Career Promise provides a way for any North Carolina high school student in good academic standing who meets eligibility requirements to take community college courses while still in high school. Students can combine high school and postsecondary courses to earn a credential, certificate, or diploma in a technical field and meet requirements for CTE concentration. Credit may be transferrable to another North Carolina community college, to UNC System institutions, and many of the state's independent colleges and universities. Students should work with their school counselor to determine what CTE pathways are available at their local community college or in what other ways they can access this program. Refer to CTE Clusters/Pathways chart in this guide.

CTE Internship AGNR**Course Code: W1025X0****Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	AGNR	25

CTE Apprenticeship AGNR**Course Code: WA022X0****Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

Students who participate in apprenticeships or pre-apprenticeships through Apprenticeship NC and the North Carolina Department of Labor can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. Note: CTE Apprenticeships may lead to a Journeyman I Certificate or direct employment with sponsor agency.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	AGNR	20

Career and Technical Student Organization (CTSO):

Future Farmers of America (FFA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences in all Agricultural Education courses.

BUSINESS, FINANCE, & MARKETING EDUCATION

Accounting I (BA10)	CTE Apprenticeship	Marketing II (MM52)
Accounting II-H (BA20)	CTE Career and College Promise	Project Management I (GS11)
Business Essentials (BF10)	CTE Internship	Project Management II-H (GS12)
Business Management I (BB40)	Entrepreneurship I (ME11)	Sport and Event Marketing I (MH31)
Business Management II (BB42)	Entrepreneurship II H (ME12)	Sport and Event Marketing II-H (MH32)
CTE Advanced Studies	Marketing I (MM51)	

Accounting I**Course Code: BA102X0****Level: S****Credit: 1**

Investigate the basic principles of the accounting cycle. Analyze business transactions and the proper recording of these records. Interpret financial statements, accounting systems, banking and payroll activities, and basic types of business ownership. Gain the knowledge and skills for careers in accounting.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	Yes	No	Standard	BMA FINA	30

Accounting II - Honors ♦**Course Code: BA205X0****Level: H****Credit: 1****Prerequisite: Accounting I**

Develop in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making managerial decisions. Explore departmental accounting, corporate accounting, cost accounting, and inventory control systems. Amplify accounting skills to accurately complete specialized accounting procedures. Gain the knowledge and skills for careers in accounting.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. Intuit QuickBooks Certified User	Yes	Yes	No	Standard	BMA FINA	25

Business Essentials**Course Code: BF102X0****Level: S****Credit: 1**

Explore realistic business principles by examining the business environment and primary business activities. Conceptualize ethics, customer relations, and human resource management through workplace scenarios. Investigate the usage of financial analysis,

economics, information management, marketing, operations, and technology in the business world of the 21st century. Gain the knowledge and skills for careers in multiple business pathways.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	BMA MRKT FINA HOSP	30

Business Management I

Course Code: BB402X0

Level: S

Credit: 1

Prerequisite: Principles of Business & Finance

Cultivate core management concepts. Investigate how managers plan, organize, staff, and direct the business's resources that enhance the effectiveness of the decision-making process. Explore ethical dilemmas and real-world situations utilizing customer service, academic, and critical-thinking skills. Gain the knowledge and skills for careers in general management.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	BMA	30

Business Management II ♦

Course Code: BB422X0

Level: S

Credit: 1

Prerequisite: Business Management I

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	BMA	25

Entrepreneurship I

Course Code: ME112X0

Level: S

Credit: 1

Conceptualize starting, opening, working for, and operating a small business. Explore feasibility, design thinking, entrepreneurial mindset, and the Lean Canvas Business Model. Investigate channel management, pricing, product/service management and promotion. Gain the knowledge and skills for careers in entrepreneurship.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	1. Venture Entrepreneurial Expedition	No	No	No	Standard	BMA	25

Entrepreneurship II - Honors ♦

Course Code: ME125X0

Level: H

Credit: 1

Prerequisite: Entrepreneurship I

Utilize business planning strategies to accelerate the implementation of a business idea. Construct plans for risk management, staffing, and promotions. Develop a business plan complete with a SWOT analysis and action plan. Gain the knowledge and skills for careers in entrepreneurship.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Entrepreneurship and Small Business	Yes	No	No	Standard	BMA	25

Marketing I

Course Code: MM512X0

Level: S

Credit: 1

Implement dynamic marketing processes and activities. Develop an understanding of marketing functions and their impact on business operations. Conceptualize a comprehensive marketing plan. Gain the knowledge and skills for careers in marketing.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	CIW Social Media Strategist	No	No	No	Standard	AAVC BMA MRKT STEM HOSP	25

Marketing II ♦

Course Code: MM522X0

Level: S

Credit: 1

Prerequisite: Marketing I

Understand marketing mix strategies and the marketing model. Explore the role of marketing research, marketing data, and marketing communications. Apply knowledge to prepare a strategic marketing plan. Gain knowledge and skills for careers in marketing.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	Business of Retail Certified Specialist	No	No	No	Pilot	MRKT	25

Project Management I

Course Code: GS112X0

Level: S

Credit: 1

Explore the principles, concepts, and software applications used in the management of projects from conception to completion. Utilize project-based learning to exemplify the framework of initiating, planning, executing, monitoring and controlling, and closing a project in authentic situations. Analyze the core concepts of scope, time, cost, and integration. Gain the knowledge and skills for careers across multiple pathways.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	BMA	30

Project Management II– Honors ♦

Course Code: GS125X0

Level: S

Credit: 1

Prerequisite: Project Management I

Develop advanced project management skills. Utilize project-based learning to understand how to use the framework of initiating, planning, executing, monitoring and controlling, and closing a project in authentic situations. Explore concepts of quality management, human resources, communication management, risk management, procurement management, and stakeholder management. Gain the knowledge and skills for careers across multiple pathways.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. PMI Project Management Ready (POL)	Yes	No	No	Standard	BMA	30

Sports and Event Marketing I

Course Code: MH312X0

Level: S

Credit: 1

Explore sport and event industries, associated marketing strategies, and branding concepts. Develop an understanding of promotion and marketing data related to sports and events. Weave together the concepts to create a proposal for a unique event. Gain the knowledge and skills for careers in sport and event marketing.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Standard	HOSP	25

Sports and Entertainment Marketing II – Honors ♦

Course Code: MH325X0

Level: H

Credit: 1

Prerequisite: Sports and Event Marketing I

Utilize knowledge of promotion and marketing to create a plan for a unique event. Extrapolate marketing data to make informed communication decisions. Analyze the financial and economic impacts of sports and events. Gain the knowledge and skills for careers in sport and event marketing.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		Yes	No	No	Standard	HOSP	25

CTE Advanced Studies

Course Codes: BMA – WS132X0; FINA – WS062X0; HOSP – WS092X0; MRKT – WS142X0

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Standard	BMA FINA HOSP MRKT	25

CTE Career and College Promise

Course Code: Various

Level: S

Credit: 1

College and Career Promise provides a way for any North Carolina high school student in good academic standing who meets eligibility requirements to take community college courses while still in high school. Students can combine high school and postsecondary courses to earn a credential, certificate, or diploma in a technical field and meet requirements for CTE concentration. Credit may be transferrable to another North Carolina community college, to UNC System institutions, and many of the state's independent colleges and universities. Students should work with their school counselor to determine what CTE pathways are available at their local community college or in what other ways they can access this program.

CTE Internship

Course Codes: BMA- WI042X0; FINA - WA062X0; HOSP - WA092X0; MRKT – WA142X0

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	BMA FINA HOSP MRKT	25

CTE Apprenticeship

Course Codes: BMA - WB152X0; FINA - WB232X0; HOSP - WB352X0; MRKT - WB552X0

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

Students who participate in apprenticeships or pre-apprenticeships through Apprenticeship NC and the North Carolina Department of Labor can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. Note: CTE Apprenticeships may lead to a Journeyman I Certificate or direct employment with sponsor agency.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	AGNR	20

Future Business Leaders of America (FBLA) and Distributive Education Clubs of America (DECA), competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences in all Business, Finance, and Marketing Education courses.

COMPUTER SCIENCE & INFORMATION TECHNOLOGY EDUCATION

Adobe Visual Design I (CD10)	Computer Science II (CS21)	CTE Career and College Promise
Adobe Visual Design II (CD11)	Cyber Security I (CI30)	CTE Internship
Adobe Digital Design I (CD12)	Cyber Security II (CI31)	Python Programming I (CP10)
AP Computer Science Principles (0A02)	CTE Advanced Studies	Python Programming II (CP11)
Computer Science I (CS20)	CTE Apprenticeship	

Adobe Visual Design I

Course Code: CD102X0

Level: S

Credit: 1

In this course, students develop skills that lay the foundation for photography and producing print-ready communications: graphic design principles, visual comps, illustration, print production development, shared project management skills such as interviewing and project scheduling, peer review, and redesign. Project activities focus on developing effective communications that can be deployed in print, web, or video. Students develop a variety of images, such as raster-based graphics, logos, advertisements, posters, and illustrations. They produce design documents and visual comps that clients review. Students culminate the semester with a portfolio project, reflect on the skills and topics covered thus far, and begin exploring the career areas that interest them in visual design. This course is aligned to the Adobe Certified Associate Photoshop and Adobe Certified Associate Illustrator certification.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. ACP Graphic Design and Illustration Using Adobe Illustrator AND ACP Visual Communication Using Adobe Photoshop MUST PASS BOTH	No	No	Yes	Standard	AAVC	25

Adobe Visual Design II ♦

Course Code: CD112X0

Level: S

Credit: 1

Prerequisite: Adobe Visual Design I

This course builds on student design and development skills by focusing on longer print production projects as well as more in-depth content and advanced techniques for graphics and layout development. Students continue to produce rich print communications as they focus on effective graphic design, project management, design specifications, and iterative development. Students develop graphic design and print production skills that solve specific communication challenges to meet client and audience needs.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Adobe Certified Professional - Print and Digital Media Publication Using Adobe InDesign	No	No	Yes	Standard	AAVC	25

Adobe Digital Design I ♦

Course Code: CD122X0

Level: S

Credit: 1

Prerequisite: Adobe Visual Design I

This course is a project-based course that develops career and communication skills in Web design using Adobe tools. This course is aligned to the Adobe Dreamweaver certification.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Adobe Certified Professional – Web Authoring Using Adobe Dreamweaver	No	No	Yes	Standard	AAVC	25

Computer Science I

Course Code: CS202X0

Level: S

Credit: 1

Computer Science I is an introductory course intended to familiarize students with the general concepts and thinking practices of computing, computer science, and information science. Students will learn computing concepts through authentic visual and interactive projects using visual programming languages. Students will focus on the "big CS ideas" in creative ways that emphasize conceptual knowledge and thinking practices rather than on programming alone. The big ideas in CSP include computing as a creative activity, abstraction, facilitating knowledge creation through computing, algorithms, problem-solving, the Internet, and the global impact of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	Yes	Standard	INFO	30

Computer Science II ♦

Course Code: CS212X0

Level: S

Credit: 1

Prerequisite: Computer Science I

Computer Science II continues developing the concepts introduced in the prerequisite course, Computer Science I, introducing students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	Yes	Standard	INFO	30

Cyber Security I

Full Course Code: CI302X0

Level: S

Credit: 1

Establish the core knowledge for jobs in cybersecurity. Secure and monitor enterprise networked environments. Detect potential threats and risks found when devices are connected online. Gain the knowledge, skills, and industry credential for careers in the Network Security pathway.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local assessment		No	No	Yes	Standard	INFO	25

Cyber Security II ♦

Full Course Code: CI315X0

Level: H

Credit: 1

Identify, analyze, and respond to security events and threats. Enhance security settings on devices to meet U.S. Department of Defense Standards. Monitor and secure hybrid environments, including cloud, mobile, and IoT. Gain the knowledge, skills, and industry credentials for careers in the Network Security pathway.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. CompTIA Security+	Yes	No	Yes	Standard	INFO	25

AP Computer Science Principles

Course Code: 0A027X0

Level: AP

Credit: 1

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local Assessment		No	Yes	Yes	Standard	INFO	30

Python Programming I

Course Code: CP102X0

Level: S

Credit: 1

This course is designed to introduce Python as a beginning course (not intended for experienced programmers). Students will learn and practice coding in an online environment that requires only a modern web browser and Internet connection. No special software is required to complete this course. The course includes video content, practice labs, and coding projects.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Information Technology Specialist: Python 2. PCEP – Certified Entry-Level Python Programmer	No	No	Yes	Standard	INFO, TRAN	25

Python Programming II ♦

Course Code: CP115X0

Level: S

Credit: 1

Prerequisite: Python Programming I

This course will prepare students for jobs and careers connected with widely understood software development, which includes not only creating the code itself as a junior developer, but also computer systems design and software testing. Students will be guided to a level of Python programming knowledge which will allow them to design, write, debug, and run programs encoded in the Python language, and to understand the basic concepts of software development technology. In addition, students will learn IoT (Internet of Things) skills which can help transform any business in any industry, from manufacturing to saving endangered species. Students will apply basic programming (using Python) to support IT devices.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. PCAP Certified Associate in Python Programming	Yes	No	Yes	Standard	INFO,	25

CTE Advanced Studies

Course Codes: AAVC – WS012X0; INFO WS112X0

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Pilot	AAVC	25

CTE Career and College Promise

Course Code: Various

Level: S

Credit: 1

College and Career Promise provides a way for any North Carolina high school student in good academic standing who meets eligibility requirements to take community college courses while still in high school. Students can combine high school and postsecondary courses to earn a credential, certificate, or diploma in a technical field and meet requirements for CTE concentration. Credit may be transferrable to another North Carolina community college, UNC System institutions, and many of the state's independent colleges and universities. Students should work with their school counselor to determine what CTE pathways are available at their local community college or in what other ways they can access this program.

CTE Apprenticeship INFO

Course Code: WA112X0

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

Students who participate in apprenticeships or pre-apprenticeships through Apprenticeship NC and the North Carolina Department of Labor can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. Note: CTE Apprenticeships may lead to a Journeyman I Certificate or direct employment with sponsor agency.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	AGNR	20

Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences in all Computer Science & Information Technology Education courses.

FAMILY AND CONSUMER SCIENCES EDUCATION

Apparel and Textile Production I (FA31)	CTE Career and College Promise	Hospitality and Tourism Management II (FH32)
Apparel and Textile Production II (FA32)	CTE Internship	
Counseling and Mental Health I (FC13)	Food and Nutrition I (FN41)	Interior Design Fundamentals (FI21)
Counseling and Mental Health II (FC14)	Food and Nutrition II (FN42)	Interior Design Studio (FI22)
CTE Advanced Studies	Hospitality and Tourism Management I (FH31)	
CTE Apprenticeship		

Apparel and Textile Production I

Course Code: FA312X0

Level: S

Credit: 1

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 design and engineering skills to create and produce apparel products. Art, literacy, mathematics and science are reinforced. **For safety reasons, enrollment is not to exceed 20 in this course.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	AAVC	20

Apparel and Textile Production II ♦

Course Code: FA322X0

Level: S

Credit: 1

Prerequisite: Apparel and Textile Production I

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 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. **For safety reasons, enrollment is not to exceed 20 in this course.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. Pre-Professional Certification in Apparel and Textile Production	No	Yes	No	Standard	AAVC	20

Counseling and Mental Health I

Course Code: FC132X0

Level: S

Credit: 1

This course is designed to introduce students to the counseling and mental health field through understanding how to create healthy, respectful, and caring relationships across the lifespan. Emphasis is placed on understanding mental health, family and friend dynamics, effective communication, and healthy intrapersonal and interpersonal relationships.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Standard	HUMA, HLTH, EDUC	25

Counseling and Mental Health II ♦

Course Code: FC142X0

Level: S

Credit: 1

Prerequisite: Counseling and Mental Health I

Students in this course will gain a deeper understanding for the counseling and mental health field and factors that affect mental health. Emphasis is placed on understanding the human brain and psyche, theories of development, mental disorders, treatment options, and teen violence issues. Activities engage students in exploring various counseling and mental health careers, while building essential life literacy skills they can apply in their own lives to achieve optimal well-being.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Pre-Professional Certification in Family and Community Services	No	No	No	Standard	HLTH, HUMA	25

Food and Nutrition I

Course Code: FN412X0

Level: S

Credit: 1

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. *** For safety and sanitation reasons, enrollment should not exceed 20 in this course.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. ANSI-Accredited Food Handler Certificate	No	No	No	Standard	HOSP, HLTH, HUMA, AGNR	20

Food and Nutrition II ♦**Course Code: FN422X0****Level: S****Credit: 1****Prerequisite: Food and Nutrition I**

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. English/language arts, social studies, mathematics, science, technology, interpersonal relationships are reinforced.

***For safety and sanitation reasons, enrollment should not exceed 20 in this course.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. ANSI-Accredited Food Protection Manager Certification 2. Pre-Professional Certification in Nutrition, Food, and Wellness	No	No	No	Standard	HUMA	20

Hospitality and Tourism Management I**Course Code: FH312X0****Level: S****Credit: 1**

Discover the limitless possibilities in the hospitality and tourism industry. Explore this multi-faceted industry and the impact on society, environment, and economy. Investigate ways to engage in exceptional guest service. Gain the knowledge, skills and industry certification for careers in hospitality and tourism management.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	American Hotel and Lodging Association Certified Guest Service Professional	No	No	No	Pilot	HOSP MRKT	25

Hospitality and Tourism Management II ♦**Course Code: FH322X0****Level: S****Credit: 1****Prerequisite: Hospitality and Tourism Management I**

Recognize career opportunities for management in the hospitality and tourism industry. Apply knowledge of the industry to develop a marketing plan for a company. Practice financial management, sales, and leadership for this dynamic industry. Gain the knowledge, skills, and industry credential for careers in hospitality and tourism management.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	Hospitality and Tourism Specialist	No	No	No	Pilot	MRKT	25

Interior Design Fundamentals**Course Code: FI212X0****Level: S****Credit: 1**

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	ARCH	25

Interior Design Studio ♦**Course Code: FI222X0****Level: S****Credit: 1****Prerequisite: Interior Design Fundamentals**

This course prepares students for entry-level and technical work opportunities in the 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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	1. Pre-Professional Certification in Interior Design Fundamentals	No	No	No	Standard	ARCH	25

CTE Advanced Studies Course Codes: AAVC – WS012X0; ARCH – WS032X0; HUMA – WS102X0**Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

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.

CTE Career and College Promise**Course Code: Various****Level: S****Credit: 1**

College and Career Promise provides a way for any North Carolina high school student in good academic standing who meets eligibility requirements to take community college courses while still in high school. Students can combine high school and postsecondary courses to earn a credential, certificate, or diploma in a technical field and meet requirements for CTE concentration. Credit may be transferrable to another North Carolina community college, to UNC System institutions, and many of the state's independent colleges and universities. Students should work with their school counselor to determine what CTE pathways are available at their local community college or in what other ways they can access this program.

CTE Internship**Course Code: WI012X0 (AAVC); WI032X0 (ARCH); WI052X0 (EDUC);
WI092X0 (HOSP); WI102X0 (HUMA)****Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	AAVC ARCH EDUC HOSP HUMA	20

CTE Apprenticeship**Course Code: AAVC WA01, ARCH WA03, HUMA WA10, HLTH WA08****Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

Students who participate in apprenticeships or pre-apprenticeships through Apprenticeship NC and the North Carolina Department of Labor can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. Note: CTE Apprenticeships may lead to a Journeyman I Certificate or direct employment with sponsor agency.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	AAVC, ARCH, HUMA, HLTH	20

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 in all Family and Consumer Science Education courses.

HEALTH SCIENCE EDUCATION

Biomedical Technology (HB11)**CTE Career and College Promise****Health Science II – H (HU42)****CTE Advanced Studies- HLTH****CTE Internship****CTE Apprenticeship****Health Science I (HU40)****Health Science I****Course Code: HU402X0****Level: S****Credit: 1**

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. First Aid	No	No	No	Standard	LAW, HLTH	30

Health Science II - Honors ♦**Course Code: HU425X0****Level: H****Credit: 1****Prerequisite: Health Science I**

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	1. BLS Provider 2. OSHA 10-hour General Industry Safety and Health 3. Stop the Bleed	No	No	No	Standard	HLTH	20

Biomedical Technology ♦**Course Code: HB112X0****Level: S****Credit: 1****Prerequisite: Health Science I**

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.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	HLTH	20

CTE Advanced Studies – HLTH

Course Code: WS082X0

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

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.

CTE Career and College Promise

Course Code: Various

Level: S

Credit: 1

College and Career Promise provides a way for any North Carolina high school student in good academic standing who meets eligibility requirements to take community college courses while still in high school. Students can combine high school and postsecondary courses to earn a credential, certificate, or diploma in a technical field and meet requirements for CTE concentration. Credit may be transferrable to another North Carolina community college, to UNC System institutions, and many of the state's independent colleges and universities. Students should work with their school counselor to determine what CTE pathways are available at their local community college or in what other ways they can access this program.

CTE Internship

Course Code: WI082X0 HLTH

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

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

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	HLTH	20

CTE Apprenticeship

Course Code: WA082X0 (HLTH)

Level: S

Credit: 1

Prerequisite: Two technical credits in one Career Pathway

Students who participate in apprenticeships or pre-apprenticeships through Apprenticeship NC and the North Carolina Department of Labor can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. Note: CTE Apprenticeships may lead to a Journeyman I Certificate or direct employment with sponsor agency.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Local		No	No	No	Pilot	HLTH	20

Health Occupations Students of America (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences in all Health Science Education courses.

TRADE, TECHNOLOGY, ENGINEERING & INDUSTRIAL EDUCATION

Automotive Service Fundamentals (IT11)	CTE Advanced Studies	Electrical Trades II (IC42)
Automotive Service I (IT16)	CTE Apprenticeship	Electrical Trades III (IC43)
Automotive Service II – H (IT17)	CTE Career and College Promise	Emergency Medical Technology I (IP21)
Automotive Service III – H (IT18)	CTE Internship	Emergency Medical Technology II- H (IP22)
Carpentry I (IC21)	Diesel Mechanics I (IL50)	HVAC/R I (IC31)
Carpentry II – H (IC22)	Diesel Mechanics II (IL51)	HVAC/R II (IC32)
Carpentry III – H (IC23)	Diesel Mechanics III (IL52)	HVAC/R III (IC33)
Collision Repair Fundamentals (IT30)	Drafting I (IC61)	Law and Justice I (IP41)
Collision Repair I (IT31)	Drafting II Architectural – H (IC62)	Law and Justice II (IP42)
Collision Repair II – Non-Structural (IT32)	Drafting II Engineering – H (IV22)	Natural Hair Care – A (CCP)
Collision Repair II – Refinishing (IT33)	Drafting III Architectural – H (IC63)	Natural Hair Care – B (CCP)
Construction Core (IC00)	Drafting III Engineering – H (IV23)	Public Safety I (IP11)
Cosmetology – A (CCP)	Drone Technology Fundamental (ID10)	Public Safety II- H (IP12)
Cosmetology – B (CCP)	Drone Technology I (ID11)	
Cosmetology – C (CCP)	Drone Technology II (ID12)	
	Electrical Trades I (IC41)	

Automotive Service Fundamentals**Course Code: IT112X0****Level: S****Credit: 1**

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. *** Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended. This course is certified under the NATEF (National Automotive Technician Education Foundation) MLR (Maintenance and Light Repair) standards.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. Automotive Lift Institute – Lifting It Right: School Edition 2. S/P2 Automotive Service Pollution Prevention 3. S/P2 Automotive Service Safety	No	No	No	Standard	TRAN	20

Automotive Service I**Course Code: IT162X0****Level: S****Credit: 1****Prerequisite: Automotive Service Fundamentals**

This course develops automotive knowledge and skills in performing scheduled automotive maintenance, servicing, and basic testing of brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems, emphasizing hands-on experience. As part of the ASE Education Foundation accreditation topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts, science, and mathematics are reinforced. ***Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended. This course is certified under the NATEF (National Automotive Technician Education Foundation) MLR (Maintenance and Light Repair) standards.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment		No	No	No	Standard	TRAN	20

Automotive Service II - Honors ♦**Course Code: IT1725X0****Level: H****Credit: 1****Prerequisite: Automotive Service I**

This course builds on the knowledge and skills introduced in Automotive Servicing I and develops advanced knowledge and skills in vehicle system repair and/or replacement of components in the brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems, while emphasizing hands-on experience. As part of the ASE Education Foundation accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. ***Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended. This course is certified under the NATEF (National Automotive Technician Education Foundation) MLR (Maintenance and Light Repair) standards.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1. ASE Entry-Level Certification - Maintenance and Light Repair	No	No	No	Standard	TRAN	20

Automotive Service III - Honors**Course Code: IT185X0****Level: H****Credit: 1****Prerequisite: Automotive Service II**

This course builds on the skills and knowledge introduced in Automotive Service I and II. Building advanced automotive skills and knowledge in vehicle servicing, testing, repair, and diagnosis of brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems, while emphasizing hands-on experience. As part of the ASE Education Foundation accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts and mathematics are reinforced. ***Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended. This course is certified under the NATEF (National Automotive Technician Education Foundation) MLR (Maintenance and Light Repair) standards.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. ASE Entry-Level Certification - Electrical/Electronic Systems	Yes	No	No	Standard	TRAN	20

Collision Repair Fundamentals**Course Code: IT302X0****Level: S****Credit: 1**

Develop an understanding of hazardous materials, personal safety, and refinishing safety. Gain an understanding of tools, equipment, and the numerous attachment methods used in collision repair. Focus on various hands-on activities used in vehicle detailing. Gain the knowledge, skills, and industry credentials for careers in the Collision Repair pathway. ***For safety reasons, the recommended enrollment should not exceed 20 students.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
CTE State Assessment	1-S/P2 Coll Rpr/Rfnsh-poll prevention 2-S/P2 Coll Rpr and Rfnsh Sfty	No	No	No	Standard	TRAN	20

Collision Repair I**Course Code: IT312X0****Level: S****Credit: 1****Prerequisite: Collision Repair Fundamentals**

Explore the talents needed for non-structural vehicle repairs using the I-CAR curriculum. Develop basic skills in plastic repair. Focus on hands-on activities involving vehicle trim, hardware, and bolted-on parts replacement. Gain the knowledge, skills, and industry credentials for careers in the Collision Repair pathway. ***For safety reasons, the recommended enrollment should not exceed 20 students.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure		No	No	No	Standard	TRAN	20

Collision Repair II- Non-Structural -Honors ♦**Course Code: IT325X0****Level: H****Credit: 1****Prerequisite: Collision Repair I**

Develop the basic skills needed to produce non-structural vehicle repairs for damaged vehicles. Develop the basic skills needed using body filler and sanding in the vehicle repair process. Engage in activities involving cosmetic straightening of steel panels. Gain the knowledge, skills, and industry credentials for careers in the Collision Repair pathway. ****For safety reasons, the recommended enrollment should not exceed 20 students.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. I-CAR Platinum ProLevel 1 for Non-Structural	Yes	No	No	Standard	TRAN	20

Collision Repair II- Refinishing –Honors ♦**Course Code: IT335X0****Level: H****Credit: 1****Prerequisite: Collision Repair I**

Prepare vehicle surfaces for topcoat applications. Develop the basic skills needed for minor paint repairs. Practice environmentally safe approaches when refinishing vehicles. Gain the knowledge, skills, and industry credentials for careers in the Collision Repair pathway. ****For safety reasons, the recommended enrollment should not exceed 20 students.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. ASE Entry-Level Certification-Painting and Refinishing OR 2. I-CAR Platinum ProLevel 1 for Refinishing	Yes	No	No	Standard	TRAN	20

Diesel Mechanics I – Diesel Academy**Course Code: IL502X02****Level: S****Credit: 1**

This course provides a basic introduction to the fundamentals of diesel engine technology. Topics include basic safety rules and equipment, proper use of hand and power tools and precision measurement; identification of various diesel engine components; fasteners; basic diesel test equipment; principles of two and four stroke cycle engine operation; and diesel fuel, engine lubricating oils, and coolants. With a final DET I course grade of B or higher AND a grade of 78 or higher on the final course assessment provided by Johnston Community College, students may earn credit in Johnston Community College's Heavy Equipment Truck Technology (HEATT) program for the following courses: HET 118--Mechanical Orientation and HET 127--Shop Rules and Regulations. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Local Assessment		No	No	No	Standard	TRAN	20

Diesel Mechanics II – Diesel Academy ♦**Course Code: IL512X0A 1st Semestr / IL512X0B 2nd Semester****Level: S****Credit: 2****Prerequisite: Diesel Engine Technology I**

This course will introduce students to the fundamentals of engine components used in diesel engine technology. Topics include cylinder head components, piston and connecting rod assemblies, timing gears, cylinder blocks, crankshafts, bearings and seals. This course also introduces students to the disassembly and reassembly of diesel engine components. With a final DET II course grade of B or higher, a student may take the final program assessment provided by Johnston Community College at the end of DET III to earn additional credits in Johnston Community College Heavy Equipment Truck Technology (HEATT) program. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Local Assessment		No	No	No	Standard	TRAN	20

Diesel Mechanics III - Diesel Academy**Course Code: IL522X0A 1st Semester / IL522X0B 2nd Semester****Level: S****Credit: 2****Prerequisite: Diesel Engine Technology II**

This course will introduce students to the fundamentals of support systems used in diesel engine technology. Topics include lubrication and cooling systems, air intake and exhaust systems, starting and charging systems, engine retarders, fuel system components, and governor. Students will also be introduced to the fundamentals of diesel engine tune up of Cummins, Detroit, and Caterpillar diesel engines and the diagnosis of engine problems and preparation for engine testing. With final DET II and DET III course grades of B or higher AND a grade of 78 or higher on the final program assessment provided by Johnston Community College, students may earn credit in Johnston Community College Heavy Equipment Truck Technology (HEATT) program for the following courses: HET 128—Med/Heavy Duty Tune-Up and HET 110—Diesel Engines. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 15 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Local Assessment	1. NC3 Battery Charging 2. NC3 Battery Maintenance & Engine Starting 3. NC 3 Battery, Starting & Charging System Diagnostic	No	No	No	Standard	TRAN	15

Drone Technology Fundamentals**Course Code: ID102X0****Level: S****Credit: 1**

This course will provide students knowledge in the field of aviation related to drone technology. Students will also learn the skills needed to fly basic drones for recreational purposes.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Performance-based Measure	1. FAA Trust	No	No	No	Standard	TRAN	25

Drone Technology I**Course Code: ID112X0****Level: S****Credit: 1**

This course is designed to provide students basic information about the drone industry to gain an understanding of careers and skills in this field. FAA 14 CFR part 107 (The Small UAS Rule), officially known as "Part 107 Remote Pilot Certificate" is covered. The Small UAS rule adds a new part 107 to Title 14 Code of Federal Regulations (14 CFR) to allow for routine civil operation of small Unmanned Aircraft Systems (UAS) in the National Airspace System (NAS) and provide safety rules for those operations. This course is also designed for an introduction to basic flight of drones to include manual flight and flight mapping software. Minimum 16 age requirement for enrollment by the end of the course due to FAA Part 107 U.S. Commercial Drone Pilot Certification age requirement.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. CFR 14 Part 107 UAS Remote Pilot Certification	No	No	No	Standard	TRAN	15

Drone Technology II**Course Code: ID122X0****Level: S****Credit: 1****Prerequisite: Drone Technology I**

This course is designed to provide students, who have their FAA CFR 14 Part 107 (The Small UAS Rule), officially known as "Part 107 Remote Pilot Certificate", the knowledge and skills needed to be a commercial pilot in the Drone Industry. Entrepreneurship, Fleet management, and Drone mapping are included in this course. Students will fly a variety of mission types to include Construction, Agriculture, Public Safety, Power and Energy and Cinematography.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. ERSI Drone2Map 2. NFPA 2400	No	No	No	Standard	TRAN	15

Construction Core**Course Code: IC002X0****Level: S****Credit: 1**

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". The additional Green module has been added to provide students with instruction in the green environment, green construction practices, and green building rating systems. Also it will help students better understand their personal impacts on the environment and make them more aware of how to reduce their carbon footprint. English/language arts and mathematics are reinforced. This course helps prepare students for additional National Center for Construction Education and Research (NCCER) Core certification. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER-Construction Core 2. OSHA 10-hour Construction Safety and Health	No	No	No	Standard	ARCH	20

Carpentry I**Prerequisite: Construction Core**

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, adhesives, hand and power tools, reading plans and elevations, introduction to concrete, reinforcing materials, forms, floor system construction procedures, wall and ceiling framing procedures, and basic stair layout. English/language arts and mathematics are reinforced. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- Carpentry I	No	Yes	No	Standard	ARCH	20

Carpentry II - Honors ♦**Course Code: IC225X0****Level: H****Credit: 1****Prerequisite: Carpentry I**

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 doors installation, exterior finishing, and the introduction to weatherization module. English/language arts and mathematics are reinforced. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- Carpentry II	Yes	Yes-Paired	No	Standard	ARCH	20

Carpentry III - Honors**Course Code: IC235X0****Level: H****Credit: 1****Prerequisite: Carpentry II**

This course builds on skills mastered in Carpentry II and develops advanced technical aspects of carpentry with the emphasis on commercial drawing, cold-formed steel framing construction methods, drywall installations, drywall finishing procedures, doors and door hardware installation, and windows, door, floor and ceiling trim procedures. English/language arts and mathematics are reinforced. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification. ****Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- Carpentry III	Yes	Yes-Paired	No	Standard	ARCH	20

Electrical Trades I**Course Code: IC412X0****Level: S****Credit: 1****Prerequisite: Construction Core**

This course covers basic electrical trades' terminology and develops technical aspects of electrical trades with emphasis on the development of introductory skills, such as residential wiring, electrical installation, and service. Topics include orientation to the electrical trade, electrical safety, introduction to electrical circuits, electrical theory, introduction to the National Electric Code, device boxes, hand bending techniques, raceways and fittings, and introduction to weatherization. English language arts, mathematics, and science are reinforced. ***Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- Electrical Trades I	Yes	Yes-Paired	No	Standard	ARCH	20

Electrical Trades II ♦**Course Code: IC422X0****Level: S****Credit: 1****Prerequisite: Electrical Trades I**

This course builds on skills mastered in Electrical Trades I and provides an introduction to conductors and cables, construction drawings, residential electric services, test equipment usage, alternating current theory, grounding and bonding techniques, motors theory and application, and electric lighting to structures. English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. ***Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- Electrical Trades II	Yes	Yes-Paired	No	Standard	ARCH	20

IC43 Electrical Trades III- Honors**Course Code: IC435X0****Level: H****Credits: 1****Prerequisite: Electrical Trades II**

Practice the techniques required to make conduit bends and to install pull and junction boxes. Engage in a cable pulling operation including conductor installation and cable end preparation. Develop a working knowledge of the operation of circuit breakers, fuses, contactors, and relays used in electrical systems. Gain the knowledge, skills, and industry credentials for careers in architecture and construction. *** For safety reasons, the recommended enrollment should not exceed 20 students.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- Electrical Trades III	Yes	Yes-Paired	No	Standard	ARCH	20

HVAC/R I- Honors**Course Code: IC315X0****Level: S****Credit: 1****Prerequisite: Construction Core**

This course is designed for students to develop basic HVAC terminology and technical aspects of HVAC with emphasis on the development of introductory skills to include Intro to HVAC, Trade Mathematics, Basic Electricity, Intro to Heating, Intro to Cooling, Intro to Air Distribution Systems, Basic Copper and Plastic Piping Practices, Soldering and Brazing, and Basic Carbon Steel Piping Practices. English language arts and mathematics are reinforced. ***Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- HVAC/R I	Yes	No	No	Standard	ARCH	20

HVAC/R II- Honors ♦**Course Code: IC325X0****Level: S****Credit: 1****Prerequisite: HVAC/R I**

This course is designed for students to further develop skills mastered in HVAC/R I and provide an emphasis on Alternating Current, Compressors, Refrigerants and Oils, Leak Detection, Evacuation, Recovery and Charging, Metering Devices, Heat Pumps, and Basic Maintenance. English language arts and mathematics are reinforced. ***Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- HVAC/R II	Yes	No	No	Standard	ARCH	20

IC33 HVAC/R III- Honors ♦**Full Course Code: IC335X0****Level: H****Credit: 1****Prerequisite: HVAC/R II**

Develop a working knowledge of the principles and operation of compressors found in HVACR systems. Engage in the operation, application, installation, and adjustment of expansion devices used in HVACR equipment. Practice troubleshooting gas-fired components, control circuits, and electric motors found in HVACR equipment. Gain the knowledge, skills, and industry credentials for careers in architecture and construction. *** For safety reasons, the recommended enrollment should not exceed 20 students.**

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp. Sci. Credit	Status	Cluster	Enroll Max
Credential	1. NC NCCER- HVAC/R III	Yes	No	No	Standard	ARCH	20

Drafting I**Course Code: IC612X0****Level: S****Credit: 1**

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. Topics include sketching and computer assisted design (CAD) skills and techniques.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Autodesk Certified User AutoCAD	Yes	Yes	No	Standard	ARCH STEM	25

Drafting II - Architectural - Honors**Course Code: IC625X0****Level: H****Credit: 1****Prerequisite: Drafting I**

Investigate commonly accepted styles, trends, trade terminology, and career options found in the architectural industry. Practice procedures to plan and draw a single-floor residential floor plan using CAD (computer aided drafting/design). Engage in the design of foundation, roof, and floor system to create a complete set of residential construction documents. Gain the knowledge, skills, and industry credentials for careers in architecture and construction.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Autodesk Certified User Revit	Yes	Yes	No	Standard	ARCH	25

Drafting III - Architectural - Honors**Course Code: IC635X0****Level: H****Credit: 1****Prerequisite: Drafting - Architectural II**

Investigate commonly accepted styles, trends, trade terminology, and career options found in the architectural industry. Practice procedures to plan and draw a single-floor residential floor plan using CAD (computer aided drafting/design). Engage in the design of foundation, roof, and floor system to create a complete set of residential construction documents. Gain the knowledge, skills, and industry credentials for careers in architecture and construction.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Autodesk Certified Professional Revit	Yes	No	No	Standard	ARCH	25

Drafting II - Engineering - Honors ♦**Course Code: IV225X0****Level: H****Credit: 1****Prerequisite: Drafting I**

This course teaches the development of knowledge and advanced skills in Engineering Drafting and Design. An understanding of 3-D CAD concepts and terms, and the use of 3-D CAD software, such as INVENTOR or SolidWorks, are essential to this course, and the required method of producing finished drawings. Topics include advanced levels of Engineering Drafting and Design, career opportunities, problem solving, manufacturing processes, Parametric-Solid Modeling, dimensioning and tolerancing, working drawings, and 3-D modeling.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Autodesk Certified User Fusion 360 2. Autodesk Certified User Inventor 3. Certified SolidWorks Associate	Yes	Yes	No	Standard	STEM	25

Drafting III - Engineering - Honors**Course Code: IV235X0****Level: H****Credit: 1****Prerequisite: Drafting II - Engineering**

This course teaches the development of knowledge and advanced skills in Engineering Drafting and Design. An understanding of 3-D CAD concepts and terms, and the use of 3-D CAD software, such as INVENTOR or SolidWorks, are essential to this course, and the required method of producing finished drawings. Topics include advanced levels of Engineering Drafting and Design, employment requirements, engineering design concepts and principles, advanced manufacturing processes, advanced Parametric-Solid Modeling, geometric dimensioning and tolerancing, work drawings and assemblies, 3-D Modeling, sheet metal parts, and professional portfolio.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Autodesk Certified Professional Inventor 2. Certified SolidWorks Professional	Yes	No	No	Standard	STEM	25

Public Safety I**Course Code: IP112X0****Level: S****Credit: 1**

This course provides basic career information in public safety including corrections, emergency and fire management, security and protection, law enforcement, and legal services. FEMA certifications NIMS 100, 200, 700, and 800 are also a part of this course. Additionally students will develop a personal plan for a career in public safety. The course includes skills in each area, using resources from the community to help deliver instruction to the students.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Law and Public Safety Introductory Competency 2. National Incident Management System	No	No	No	Standard	LAW	25

Public Safety II - Honors ♦**Course Code: IP1225X0****Level: H****Credit: 1****Prerequisite: Public Safety I**

This course provides a deeper level of understanding of career information in public safety by focusing on the Community Emergency Response Team (CERT) Certification. CERT is a Federal Emergency Management Administration (FEMA) developed certification that incorporates all areas of public safety. Additionally, FEMA ICS300 Intermediate Incident Command System is covered in this course.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Community Emergency Response Team 2. National Basic 9-1-1 Dispatch Certification	Yes	No	No	Standard	LAW	25

Emergency Medical Technology I**Course Code: IP212X0****Level: S****Credit: 1****Prerequisite: English II / Public Safety I is highly recommended**

This course is aligned to the Emergency Medical Responder certification (EMR) available from the North Carolina Office of Emergency Medical Services. The course includes clinical skills in each area as specified by NC OEMS for successful completion of this certification. Schools should use resources from the community to help deliver instruction to the students. English/language arts are reinforced. Students must turn 17 prior to the end of the course to be enrolled in this course per NC OEMS requirements. ****Due to safety requirements as specified in the approved NCOEMS NCDPI educational plan, this course is limited to 20 students per teacher.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. BLS Provider 2. Emergency Medical Responder 3. National Incident Management System 4. Stop the Bleed	No	No	No	Standard	HLTH LAW	20

Emergency Medical Technology II - Honors ♦**Course Code: IP225X0****Level: H****Credit: 1****Prerequisite: Emergency Medical Technology I and English III**

This course is aligned to the Emergency Medical Technician certification (EMT) available from the North Carolina Office of Emergency Medical Services. The course includes clinical skills in each area as specified by NC OEMS for successful completion of this certification. Schools should use resources from the community to help deliver instruction to the students. English language arts are reinforced. Students must turn 17 prior to the end of the course to be enrolled in this course per NC OEMS requirements. ****Due to safety requirements as specified in the approved NCOEMS NCDPI educational plan, this course is limited to 16 students per teacher.***

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Emergency Medical Technician 2. Traffic Incident Management (TIMS)	Yes	No	No	Standard	HLTH LAW	16

Law and Justice I**Course Code: IP412X0****Level: S****Credit: 1****Prerequisite: Public Safety I is highly recommended**

Students desiring to pursue a career in Law and Justice will examine the basic concepts of law related to citizens' rights and officers' responsibilities to maintain a safe society. This course is aligned to an industry recognized certification in Basic Law Enforcement Knowledge for those desiring a career in Law enforcement. The course discusses the history and development of law enforcement in the United States, components of the criminal justice system, including the roles and responsibilities of the police, courts, and corrections, and classification and elements of crimes. Students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, the use of force continuum, report writing, operation of police and emergency equipment, and courtroom testimony. Career planning and employability skills will be emphasized.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. National Law Enforcement Certification SPSS	No	No	No	Standard	LAW	25

Law and Justice II- Honors ♦**Course Code: IP422X0****Level: S****Credit: 1****Prerequisite: Law and Justice I**

This course emphasizes "need-to-know" information for protection officers throughout the security industry and is aligned to the International Federation of Protection Officers (IFPO) certification as a Certified Protection Officer (CPO). Course content includes: Foundations in Law Enforcement and Protective Services, Communications in Law Enforcement and Protective Services, Protection Officers Functions, Crime Prevention and Physical Security, Safety and Fire Protection, Information Protection, Deviance Crime and Violence, Risk and Threat Management, Procedures in Investigations, Legal Aspects of Security, Procedures for Officer Safety and Uses of Force, and Procedures for Relations with Others.

Proof of Learning (POL)	Credential(s)	Inherently Honors	Math Credit	Comp.Sci. Credit	Status	Cluster	Enroll Max
Credential	1. Certified Protection Office (CPO)	Yes	No	No	Standard	LAW	25

CTE Advanced Studies**Course Codes: ARCH – WS032X0; LAW – WS122X0; MANU- WS132X0; STEM – WS152X0; TRAN – WS162X0****Level: S****Credit: 1****Prerequisite: Two technical credits in one Career Pathway**

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.

CTE Career and College Promise**Course Code: Various****Level: S****Credit: 1**

College and Career Promise provides a way for any North Carolina high school student in good academic standing who meets eligibility requirements to take community college courses while still in high school. Students can combine high school and postsecondary courses to earn a credential, certificate, or diploma in a technical field and meet requirements for CTE concentration. Credit may be transferrable to another North Carolina community college, to UNC System institutions, and many of the state's independent colleges and universities. Students should work with their school counselor to determine what CTE pathways are available at their local community college or in what other ways they can access this program.

CTE Internship		Course Code: WI032X0 (ARCH); WI122X0 (LAW); WI132X0 (MANU); WI152X0 (STEM); WI162X0 (TRAN)			Level: S	Credit: 1	
Prerequisite: Two technical credits in one Career Pathway							
A CTE Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. The teacher, student, and the business community jointly plan the organization, implementation, and evaluation of an internship, regardless of whether it is an unpaid or paid internship. Note: CTE Internships may lead to an apprenticeship.							
<u>Proof of Learning (POL)</u>	<u>Credential(s)</u>	<u>Inherently Honors</u>	<u>Math Credit</u>	<u>Comp. Sci. Credit</u>	<u>Status</u>	<u>Cluster</u>	<u>Enroll Max</u>
Local		No	No	No	Pilot	ARCH LAW MANU STEM TRAN	20

CTE Apprenticeship		Course Code: WI032X0 (ARCH); WI122X0 (LAW); WI132X0 (MANU); WI152X0 (STEM); WI162X0 (TRAN)			Level: S	Credit: 1	
Prerequisite: Two technical credits in one Career Pathway							
Students who participate in apprenticeships or pre-apprenticeships through Apprenticeship NC and the North Carolina Department of Labor can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. Note: CTE Apprenticeships may lead to a Journeyman I Certificate or direct employment with sponsor agency.							
<u>Proof of Learning (POL)</u>	<u>Credential(s)</u>	<u>Inherently Honors</u>	<u>Math Credit</u>	<u>Comp. Sci. Credit</u>	<u>Status</u>	<u>Cluster</u>	<u>Enroll Max</u>
Local		No	No	No	Pilot	ARCH LAW MANU STEM TRAN	20

SkillsUSA and Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences in all Trade, Technology, Engineering, and Industrial Education courses.

NC CAREER AND COLLEGE PROMISE

Career & College Promise (CCP) is North Carolina's dual enrollment program for high school students. This program allows eligible NC high school students to enroll in college classes at North Carolina community colleges and universities through their high school.

- HVAC Academy at Southern Wayne High via Wayne Community College Golden Leaf
- Certified Nursing Assistant Academy at Southern Wayne High via Wayne Community College ConEd
- Diesel Academy at Southern Wayne High via Johnston Community College
- Foods/Culinary at all WCPS High Schools via Lenoir Community College

Courses that Count Toward Computer Science Credit

Pursuant to NC SBE State Graduation Requirements (Policy GRAD-004), the following state-managed and local course option computer science courses satisfy the requirements effective school year 2025-2026:

<https://www.dpi.nc.gov/2025-2026-list-computer-science-courses-graduation-requirement/open>

ENGLISH / LANGUAGE ARTS

English I	AP English Language & Composition	Journalism I
English I - H	CCRG English IV	Journalism II
English II	English IV	Journalism III - H
English II - H	English IV - H	Journalism IV - H
English III	AP English Literature & Composition	AP Seminar
English III - H	Advanced Composition - H	

The Future-Ready Core Course of Study requires 4 credits in English/Language Arts.

English I

Course Code: 10212X0

Level: S

Credit: 1

Students will analyze and evaluate literary and informational texts; sharpen vocabulary, language, and grammar skills through interactive activities and writing assignments; and clearly and coherently offer and support opinions/arguments (argumentative writing), demonstrate an understanding of a topic under study (informative/explanatory writing), and convey real and/or imagined experiences (narratives).

English I - Honors

Course Code: 10215X0

Level: H

Credit: 1

Prerequisite: Successful performance on the NC End-of-Grade Reading Assessment

Students will analyze and evaluate advanced curriculum content at a brisk pace; investigate complex questions, problems and challenges related to the theme(s) of text read; and determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher. Students must possess the interest, ability and motivation to meet the challenges of an honors level course.

English II

Course Code: 10222X0

Level: S

Credit: 1

Prerequisite: English I

Students will analyze and evaluate literary and informational texts; sharpen vocabulary, language, and grammar skills through interactive activities and writing assignments; and clearly and coherently offer and support opinions/arguments (argumentative writing), demonstrate an understanding of a topic under study (informative/explanatory writing), and convey real and/or imagined experiences (narratives). ***The student will take the NC English II End-of-Course Test at the completion of this course.***

English II - Honors

Course Code: 10225X0

Level: H

Credit: 1

Prerequisite: Successful completion of English I

Students will analyze and evaluate advanced curriculum content at a brisk pace; investigate complex questions, problems, and challenges related to the theme(s) of text read; and determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher. Students must possess the interest, ability, and motivation to meet the challenges of an honors level course. ***The student will take the NC English II End-of-Course Test at the completion of this course.***

English III

Course Code: 10232X0

Level: S

Credit: 1

Prerequisite: English II

Students will analyze and evaluate literary and informational texts; sharpen vocabulary, language, and grammar skills through interactive activities and writing assignments; and clearly and coherently offer and support opinions/arguments (argumentative writing), demonstrate an understanding of a topic under study (informative/explanatory writing), and convey real and/or imagined experiences (narratives).

English III – Honors

Course Code: 10235X0

Level: H

Credit: 1

Prerequisite: Successful completion of English II

Students will analyze and evaluate advanced curriculum content at a brisk pace; investigate complex questions, problems, and challenges related to the theme(s) of text read; and determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher. Students must possess the interest, ability, and motivation to meet the challenges of an honors level course.

AP English Language & Composition

Course Code: 1A007X0

Level: AP

Credit: 1

Optional lead-in course: English III- Honors

Through the study of the process of writing and analysis of a variety of prose forms, the student will focus on the semantic, structural, and rhetorical resources of the language and practice a variety of writing assignments requiring the use of different styles and tones. The study of major literary works will be a requirement during the course, and it is recommended that these be read prior to taking the course. This course satisfies the English III graduation requirement. ***The student enrolled in this course must take the AP Language and Composition Exam.***

CCRG English IV

Course Code: 10242X0

Level: S

Credit: 1

Prerequisite: English III

The CCRG English IV course merges Career and College Ready English Learning Outcomes (delivered via EdReady) and CCRG reading and writing activities with current grade level (11-12) standards. Students will analyze and evaluate literary and informational texts; sharpen vocabulary and grammar skills through interactive activities and writing assignments; and clearly and coherently offer and support opinions/arguments (argumentative writing), demonstrate an understanding of a topic under study (informative/explanatory writing), and convey real and/or imagined experiences (narratives). The CCRG English course has been approved by UNC for minimum course requirements and meets NC graduation requirements for English. ***(Refer to Appendix B for course criteria.)***

English IV Prerequisite: English III Students will analyze and evaluate literary and informational texts; sharpen vocabulary & grammar skills through interactive activities and writing assignments; and clearly and coherently offer and support opinions/arguments (argumentative writing), demonstrate an understanding of a topic under study (informative/explanatory writing), and convey real and/or imagined experiences (narratives).	Course Code: 10242X0	Level: S	Credit: 1
English IV - Honors Prerequisite: Successful completion of English III Students will analyze and evaluate advanced curriculum content at a brisk pace; investigate complex questions, problems and challenges related to the theme(s) of text read; and determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher. Students must possess the interest, ability, and motivation to meet the challenges of an honors level course.	Course Code: 10245X0	Level: H	Credit: 1
AP English Literature & Composition Optional lead-in course: English IV- Honors Advanced Placement Literature and Composition is designed to be the equivalent of a freshman level college course. Writing assignments focus on the critical analysis, expository and argumentative essays, personal narrative, and the development of stories, poems, and plays. American and English Literature selections representing various genres and periods of development are examined for richness of thought and language. The study of major literary works will be a requirement during the course, and it is recommended that these be read prior to taking the course. This course satisfies the English IV graduation requirement. <i>The student enrolled in this course must take the AP Literature and Composition Exam.</i>	Course Code: 1A017X0	Level: AP	Credit: 1
Advanced Composition - Honors Prerequisite: None Advanced Composition is designed to assist students with communication skills through a three-step process. Students will analyze examples of good writing and create a portfolio of their own writings; demonstrate and utilize proper focus, elaboration and support, and style related to expressive and informational writing, with an introduction to critical analysis; and learn to effectively use MLA and APA formats for construction of their grade level projects.	Course Code: 10255XD	Level: H	Credit: 1
Journalism I Prerequisite: Level 1: Application process This course focuses on the basic elements of newspaper, literary magazine, and yearbook writing and layout design with an emphasis on yearbook publication. The student who elects to take this course should be genuinely interested in developing journalistic skills (includes meeting deadlines) and becoming an active member of the school's publication staff (includes the selling of ads).	Course Code: 10312X0	Level: S	Credit: 1
Journalism II Prerequisite: Journalism I This course continues to focus on the basic elements of newspaper, literary magazine, and yearbook writing and layout design with an emphasis on yearbook publication. The student who elects to take this course should be genuinely interested in developing journalistic skills (includes meeting deadlines) and becoming an active member of the school's publication staff (includes ad sales).	Course Code: 10322X0	Level: S	Credit: 1
Journalism III - Honors Prerequisite: Journalism II This course focuses on advanced design techniques and editing skills. Students develop leadership skills enabling them to organize and manage time to achieve journalistic excellence through the entire publication process that also includes the selling of ads.	Course Code: 10335X0	Level: H	Credit: 1
Journalism IV - Honors Prerequisite: Journalism III This course continues the emphasis on advanced design techniques and editing skills. Students develop leadership skills enabling them to organize and manage time to achieve journalistic excellence through the entire publication process that also includes ad sales.	Course Code: 10345X0	Level: H	Credit: 1

HEALTHFUL LIVING & PHYSICAL EDUCATION

Health/Physical Education	Physical Fitness I	Sports Management	PEPI 2
Physical Education	Weightlifting/Physical Fitness II		PEPI 1

The Future-Ready Core Course of Study requires Health/PE credit.

Health/Physical Education This course is a requirement for graduation and is required for all 9 th grade students (10-12 th grade students who have not completed the course should register for it). The health component of this course addresses the areas of mental health, nutrition, chemical and substance abuse, consumer health, safety/first aid, family life and chronic disease. PE is a skills-based program that allows the student to participate in a variety of activities. Credit for this course is required for all other physical education/physical fitness classes.	Course Code: 60492X01 (Boys); 60492X02 (Girls)	Level: S & H	Credit: 1
Physical Education Prerequisite: Health/Physical Education This course offers both team sports and individual sports with emphasis on activities that can be enjoyed now and throughout life. This program will provide a strong physical fitness component. The student will participate in physical fitness testing, personal fitness development, strength conditioning, dance stunts, tumbling and gymnastics, games and sports.	Course Code: 60292X01 (Boys); 60292X02 (Girls)	Level: S	Credit: 1

Physical Fitness I **Course Code: 60602X01 (Boys); 60602X02 (Girls)** **Level: S & H** **Credit: 1**
Prerequisite: Health/Physical Education
 This course cannot replace or be substituted for Health/Physical Education. This course is designed for the purpose of improving physical conditioning and involved intense training. The student will participate in activities related to the areas in weight training: cardiovascular conditioning, flexibility training, diet and nutrition.

Weightlifting/Physical Fitness II **Course Code: 60612X01 (Boys); 60612X02 (Girls)** **Level: S & H** **Credit: 1**
Prerequisite: Health/Physical Education
 This course focuses on intense training for athletes for the purpose of improving physical conditioning. The athlete will participate in activities related to physical fitness testing and weight training; cardiovascular conditioning, flexibility training, diet, and nutrition.

Sports Management **Course Code: 60292X09** **Level: S** **Credit: 1**
 This course gives an overview of the responsibilities of those involved in the sports industry, as well as how general management principles apply to the industry. Topics include responsibilities of sport administrators, development of new programs, special events and media publications, maintenance of athletic budgets, evaluation of personnel and programs, working with booster clubs, understanding pre-game field prep and field responsibilities, and understanding sports rules and officiating.

PEPI 1 **Course Code: 96042X01** **Level: S** **Credit: 1**
Prerequisites: Health/Physical Education and sponsoring teacher recommendation
NOTE: Recommended for grades 11 and 12.

This course is designed for students interested in serving as physical education aides to elementary classroom teachers. Special training in the area of elementary physical education is given to each student prior to working in the assigned school. Students are trained in classroom management, development of physical activity lessons, conflict resolution skills, and providing lessons aligned to the Essential Standards for Physical Education. This course is designed for students interested in careers related to teaching or recreation leadership.

PEPI 2 **Course Code: 96042X02** **Level: S** **Credit: 1**
Prerequisites: PEPI 1 and sponsoring teacher recommendation
NOTE: Recommended for grades 11 and 12.

This course is an extension of PEPI 1. Students in this course take a more active role as a pupil instructor at the assigned elementary school. They are provided with additional opportunities to work with students at different grade levels and are expected to demonstrate a greater level of leadership within the PEPI program.

JROTC

AIR FORCE JROTC

Milestones in Aviation History I	Cultural Studies I: An Introduction to Global Awareness
Milestones in Aviation History II	Cultural Studies II: An Introduction to Global Awareness
Science of Flight I	Survival: Survive/Return I
Science of Flight II	Survival: Survive/Return II
Exploring Space: The High Frontier I	Management of Cadet Corps I
Exploring Space: The High Frontier II	Management of Cadet Corps II

Milestones in Aviation History I **Course Code: 95012X05** **Level: S** **Credit: 1**
 Milestones into Aviation History I examines the development of human flight from ancient history to the evolution of the early Air Force in the World Wars. The course focuses on the beginnings of flight in ancient times and progresses through the key developments of aviation pioneers, Air Power's role in the World Wars, the early development of the commercial aircraft industry, and the evolution of the Army Air Corps.

Milestones in Aviation History II **Course Code: 95012X06** **Level: S** **Credit: 1**
Prerequisite: Milestones in Aviation History I or Instructor Permission
 Milestones in Aviation History II examines the growth and development of the commercial aviation industry around the world, from propeller aircraft to the Jet aircraft era. It explores the birth of the United States Air Force and the development of Jet aircraft after WW2. This module also discusses in detail the role of airpower from the Korean War to the War on Terrorism. It also discusses the development of Rotary Wing Aircraft, the significance of Stealth Aircraft, and finally the Air Force of the Future.

Science of Flight I **Course Code: 95022X01** **Level: S** **Credit: 1**
Prerequisite: Instructor Permission
 This is a science course designed to acquaint the student with the aerospace environment relative to weather phenomena and aviation, flight physiology, and human limitations of flight. The use of flight simulation, protective equipment, and the aerospace medicine and human engineering fields will be introduced. The leadership portion will stress communication skills and Cadet Corps activities. Techniques for improving research skills through professional reading, creative thinking, and problem solving procedures are emphasized. The basics of flight and squadron drill are also taught.

Science of Flight II	Course Code: 95022X04	Level: S	Credit: 1
Prerequisite: Science of Flight I <u>or</u> Instructor Permission			
This course is a continuation of Science of Flight I and introduces the laws of motion, physics of flight, principles of flight, and propulsion systems including jet and rocket propulsion and concludes with principles of navigation. Many of the current air frames in use today are also included in this course. The student will learn the basics of map reading, course plotting, wind effect, and cartography. The leadership portion will continue the emphasis started during Science of Flight I.			
Exploring Space: The High Frontier I	Course Code: 95032X01	Level: S	Credit: 1
Prerequisite: Instructor Permission			
This course is structured to provide the student with a summary of prehistoric, classical, and modern day astronomy and the theories behind each. In this course, the student will also examine our solar system and its relationship to the Milky Way Galaxy. Students will then be challenged with the age old question of "why explore space". Students will plan a space mission, assemble mission components, and mitigate the hazards of space travel. Finally, students look at past space programs and how they shaped our current space exploration program.			
Exploring Space: The High Frontier II	Course Code: 95032X02	Level: S	Credit: 1
Prerequisite: Exploring Space: The High Frontier I <u>or</u> Instructor Permission			
In this continuing module, students will learn about space stations and what lies beyond for human kind in space. Students will also examine space probes and Robotics, and how they will explore space where humans cannot go. Students will also learn about orbiting, space travel, rockets, and cyber security and how space will evolve cyber systems in the future.			
Cultural Studies I: An Introduction to Global Awareness	Course Code: 95042X09	Level: S	Credit: 1
Prerequisite: Instructor Permission			
This course introduces the student to global cultures, economics, environmental concerns, ethics, religion, technology, and competition for resources. It goes into detailed analysis of the Middle East, focusing on the Arab-Israeli conflict, the Persian Gulf Wars, Islamic Fundamentalism and terrorism, and the U. S. interests in the region. It also looks at Asia, to include current environmental and social issues, and the U. S. interests in the region. It provides an introduction to Africa, touching on the Precolonial and the Colonial periods and African Independence, to include the rise of dictators, leadership challenges, and ethnic clashes. It concludes with a look at AIDS, Health, Poverty, and Human Rights Shortfalls and why the U. S. has interests in the region.			
Cultural Studies II: An Introduction to Global Awareness	Course Code: 95042X010	Level: S	Credit: 1
Prerequisite: Cultural Studies I: An Introduction to Global Awareness <u>or</u> Instructor Permission			
This course continues with the examination of cultures across the globe, continuing with Russia and the former Soviet Republics, Latin America, and finally Europe. Students will be introduced to modern day Russia and look at the current state of former Soviet Republics. A close look at Latin America will introduce students to our southern neighbor, taking a close look at economic reform, leadership, and the political pendulum. Students will learn about Cartels and the growing drug trade, poverty and environmental challenges, and the U. S. interests in Latin America. Finally, students will be introduced to Europe, taking a close look at the European Union, immigration concerns, terrorism, and ethnic strife. A close examination of the creation and collapse of Yugoslavia will provide insight into the fragile environment in Europe, and why the U. S. has interests in the region.			
Survival: Survive/Return I	Course Code: 95052X01	Level: S	Credit: 1
Prerequisite: Instructor Permission			
Survival encompasses the many aspects of survival under adverse conditions. In the first unit of this module, students will discuss the elements of surviving, to include preparation, external conditions, needs, psychology, and the will to survive. In Unit Two, students are taught basic survival medicine, including identification of medicinal plants.			
Survival: Survive/Return II	Course Code: 95052X02	Level: S	Credit: 1
Prerequisite: Survival: Survive/Return I <u>or</u> Instructor Permission			
Unit Three provides hands-on instruction in fire-craft, survival equipment usage, food identification and preparation, survival plants for both eating and medicinal, and finding and conserving water. In Unit Four, students learn how to navigate with a compass, read maps/cartography, use signal devices, and how to prepare for recovery/rescue.			
Management of Cadet Corps I	Course Code: 95062X01	Level: S	Credit: 1
Prerequisite: Cadet Officer Leadership School <u>and/or</u> Instructor Permission			
This course introduces cadets to the principles of management, organizational skills, and interpersonal relationships. These principles are used to organize and govern the cadet corps, its activities, and its mission goals and accomplishments. The "day-to-day" functioning of the Corps is the focus of this course.			
Management of Cadet Corps II	Course Code: 95062X02	Level: S	Credit: 1
Prerequisite: Management of Cadet Corps I, Cadet Officer Leadership School, <u>and/or</u> Instructor Permission			
This course is a continuation of the first module that introduces cadets to the principles of management, organization skills, and interpersonal relationships. These principles are used to organize and govern the cadet corps, its activities, and its mission goals and accomplishments. The "day-to-day" functioning of the Corps is still the main focus for this course.			

ARMY JROTC

Army JROTC LET 1 Alpha
Army JROTC LET 1 Bravo
Army JROTC LET 2 Alpha
Army JROTC LET 2 Bravo

Army JROTC LET 3 Alpha
Army JROTC LET 3 Bravo
Army JROTC LET 3 Bravo - H

Army JROTC LET 4 Alpha
Army JROTC LET 4 Alpha - H
Army JROTC LET 4 Bravo
Army JROTC LET 4 Bravo - H

The Army Junior Reserve Officers' Training Corps (JROTC) curriculum is an accredited high school elective focused on the mission "to motivate young people to be better citizens." It prepares high school students by building skills in leadership, citizenship, life success, geography, cultural awareness, and fitness in a structured, collaborative and interactive environment. The JROTC curriculum has been crosswalked with the 9-12th grade NC Common Core Standards and emphasizes character education, student achievement, service to community and diversity. Each cadet is issued a uniform, earns leadership promotions, and has the opportunity to lead. Uniforms, textbooks, and training materials are provided at no cost to the student. There is NO military obligation as a result of participation in JROTC. The uniform inspection grade, which includes personal appearance, is a major portion of the JROTC grade. Classes perform physical training on a regular basis. Students participate in a myriad of co-curricular activities, including these: precision and exhibition military drill competitions; Raider Challenge competitions; JROTC Leadership and Academic Bowl (JLAB); Science, Technology, Engineering, Mathematics (STEM) Camp; and a Summer Camp known as JROTC Cadet Leadership Challenge (JCLC). Cadets who complete 4 years of JROTC co-curricular activities and its challenging curriculum will be more college and/or career ready. Students who fail any level of JROTC will not be permitted to repeat that level or continue to other levels without the consent of the JROTC faculty and the Principal. Students completing three or more years of JROTC could receive advance promotion in the military or ROTC service programs.

Requirements:

- Cadets are required to wear their uniform to school once each week.
- Cadets are expected to maintain personal grooming standards when in uniform.
- Cadets are expected to obey all legal and moral orders of cadets in positions of authority over them, regardless of age, school, class, or other such criteria.
- All cadets take part in military drill, which involves marching and standing in formations.
- All cadets take part in physical training.
- There is at least one mandatory formation for an out-of-school activity each semester.

Army JROTC Co-Curricular/Extracurricular Activities (*optional based on school*):

Leadership Team; Academic Team; Drill Team; Raider Team; Marksmanship Team; CyberPatriot Team; Robotics Team

Army JROTC Leadership Education Training (LET)

LET 1: The Emerging Leader (Grades 9 – 12)

Army JROTC LET 1 Alpha

Course Code: 95012X011

Level: S

Credit:1

Army JROTC LET 1 Alpha "The Emerging Leader" is the first core course in the Army Junior Reserve Officers' Training Corps (AJROTC) high school program. The central focus of the JROTC program is to help develop strong leaders and model citizens. First year cadets are introduced to leadership, military history, and communication skills. These areas are stressed in order to help the inner leader begin to emerge.

Army JROTC LET 1 Bravo

Course Code: 95022X012

Level: S

Credit: 1

Prerequisite: Army AJROTC LET 1 Alpha *and* Instructor Approval

Army JROTC LET 1 Bravo "The Emerging Leader" course for the emerging leader continues the studies of LET 1 Alpha with greater attention to details and skill development on the Styles of Leadership, the Power Bases of Influence, and the Command Voice.

LET 2: The Developing Leader (Grades 10 – 12)

Army JROTC LET 2 Alpha

Course Code: 95032X013

Level: S

Credit:1

Prerequisite: Army JROTC LET 1 Bravo *and* Instructor Approval

Army JROTC LET 2 Alpha "The Developing Leader" course fine tunes the basic military subjects of the Army JROTC curriculum and builds on the self-discovery skill sets taught in Army JROTC LET 1. Personal responsibility and wellness is reinforced by diet, nutrition, and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values, and attributes. LET 2 Alpha cadets begin to assist in classroom instruction of junior cadets and have primary responsibilities in teaching military drill.

Army JROTC LET 2 Bravo**Course Code: 95042X014****Level: S****Credit: 1****Prerequisite: Army JROTC LET 2 Alpha and Instructor Approval**

Army JROTC LET 2 Bravo "The Developing Leader" course continues fostering cadet growth through the fundamentals of citizenship skills, the foundation of the American political system, and our Constitution. LET 2 Bravo cadets hold primary leadership positions from Platoon Sergeant, Platoon Leader, First Sergeant, Company Commander, and some staff positions. Cadets not only have an opportunity to participate in Service Learning Projects, but also evaluate the effectiveness of the service learning projects. Participating in after action reviews with teams and making decisions toward continuous improvement of service to others are hallmarks of this unit.

LET 3: The Supervising Leader (Grades 11 – 12)**Army JROTC LET 3 Alpha****Course Code: 95052X015****Level: S****Credit: 1****Prerequisite: Army JROTC LET 2 Bravo and Instructor Approval**

Army JROTC LET 3 Alpha "The Supervising Leader" course is designed to build on the leadership experiences developed during Army JROTC LET 1 and 2. Basic command and staff principles are introduced and include an overview of organizational roles and responsibilities. Leadership strategies, managing conflict, leading others, planning, and communication skills are evaluated to improve organizational effectiveness. Career planning is investigated. LET 3 Alpha cadets hold battalion staff positions and perform military staff functions, to include personnel administration, operations and plans, supply management, and public relations. Cadets may be designated in positions of Company Commander or Battalion Commander.

Army JROTC LET 3 Bravo**Course Code: 95062X016****Level: S****Credit: 1****Prerequisite: Army JROTC LET 3 Alpha and Instructor Approval**

Army JROTC LET 3 Bravo "The Supervising Leader" course continues to integrate and assess the cadet's leadership ability in conducting major command and staff functions over all cadets assigned to the JROTC program. They oversee and approve all staff functions and represent the JROTC Battalion. Cadets hold primary leadership positions from First Sergeant to Company Commander and staff positions. Cadets also use strategies for neutralizing prejudice in relationships and negotiate an agreement. The cadets are allowed to take a hard look into Health and Fitness and at the effects of substance use and abuse on health.

Army JROTC LET 3 Bravo - Honors**Course Code: 95065X016****Level: H****Credit: 1****Prerequisite: Army JROTC LET 3 Alpha and Instructor Approval**

Beyond the curriculum of Army JROTC, cadets in this class will conduct long and short-range planning, and exercise decision-making, coordination, control, and execution of cadet organization activities during the school year. Cadets may be required to participate in practice and events during school hours, after school hours, and weekends/holidays. Students are expected to apply higher-level leadership, organizational, communication, and personal interaction skill in the performance of their duties.

LET 4: The Managing Leader (Grade 12)**Army JROTC LET 4 Alpha****Course Code: 95072X017****Level: S****Credit: 1****Prerequisite: Army JROTC LET 3 Bravo and Instructor Approval**

Army JROTC LET 4 Alpha "The Managing Leader" course is designed to build on the leadership skills developed in Army JROTC LET 1, 2, and 3. Cadets develop an in-depth understanding of the branches of military service. Intermediate leadership skills to include leadership principles, values and attributes, and communication skills are integrated throughout the course. Financial planning skills are studied through the National Endowment for Financial Education. Fundamental teaching skills are introduced. LET 4 Alpha company leaders train junior cadets and administer the awards and promotion system. They conduct inspections and instill discipline. Cadets can be assigned as Teacher Assistants.

Army JROTC LET 4 Alpha – Honors**Course Code: 95075X017****Level: H****Credit: 1****Prerequisite: Army JROTC LET 3 Bravo or LET 3 Bravo - Honors and Instructor Approval**

Beyond the curriculum of Army JROTC Cadet Leadership 1 Honors, cadets in this class will conduct long and short-range planning, and exercise decision-making, coordination, control, and execution of cadet organization activities during the school year. Cadets may be required to participate in practice and events during school hours, after school hours, and weekends/holidays. Students are expected to apply higher-level leadership, organizational, communication, and personal interaction skills in the performance of their duties.

Army JROTC LET 4 Bravo**Course Code: 95082X018****Level: S****Credit: 1****Prerequisite: Army JROTC LET 4 Alpha and Instructor Approval**

Army JROTC LET 4 Bravo "The Managing Leader" course is the capstone course for Army JROTC. Cadets continue to teach, coach, and mentor junior cadets in all facets of Battalion and Staff Operations as well as continued peer teaching of military skills such as drill and ceremony. LET 4 Bravo cadets can serve as teaching assistants.

Army JROTC LET 4 Bravo - Honors**Course Code: 95085X018****Level: H****Credit: 1****Prerequisite: Army JROTC LET 4 Alpha or LET 4 Alpha – Honors and Instructor Approval**

Beyond the curriculum of Army JROTC Cadet Leadership 2 Honors, cadets in this class will conduct long and short-range planning, and exercise decision-making, coordination, control, and execution of cadet organization activities during the school year. Cadets may be required to participate in practice and events during school hours, after school hours, and weekends/holidays. Students are expected to apply higher-level leadership, organizational, communication, and personal interaction skills in the performance of their duties.

MATHEMATICS

Foundations of NC Math 1	NC Math 3	Discrete Mathematics for Computer Science
NC Math 1	NC Math 3 - H	Discrete Mathematics for Computer Science - H
NC Math 1 - H	CCRG Math	Probability & Statistics - H
Foundations of NC Math 2	NC Math 4	Introduction to Derivatives - H
NC Math 2	NC Math 4 - H	Advanced Placement Statistics
NC Math 2 - H	Precalculus - H	Advanced Placement Precalculus
		Advanced Placement Calculus AB

The Future-Ready Core Course of Study requires 4 credits in Mathematics.

Foundations of NC Math 1

Course Code: 20902X0

Level: S

Credit: 1

Foundations of NC Math 1 focuses primarily on the study of algebra topics. It is designed for students who need additional preparation before taking NC Math 1. Appropriate technology, from manipulatives to graphing calculators and applications software, is used regularly for instruction and assessment. ***This course does not satisfy the fourth year math requirement for the public universities in the UNC System. This course does not meet the NC Community College System's Multiple Measures Policy.***

NC Math 1

Course Code: 21092X0

Level: S

Credit: 1

Based on the *NC Standard Course of Study for Mathematics*, NC Math 1 reflects on 6 conceptual categories: number & quantity; algebra; functions; geometry; statistics & probability; and modeling. While all six conceptual categories are addressed, particular emphasis will be given to algebra and functions. Graphing calculators will be used to explore various standards. ***At the end of this course, the student will take the End-of-Course Test for NC Math 1.***

NC Math 1 - Honors

Course Code: 21095X0

Level: H

Credit: 1

NC Math 1 Honors demands a more challenging approach to the study of the 6 conceptual categories identified in the Standard level of NC Math 1. *Students will be given opportunities for advanced work to promote rigorous academic study.* The course requires students to take greater responsibility for their learning by participating in activities that promote problem-seeking and problem-solving, critical analysis, and reflective thinking. Emphasis is also placed on practical applications and modeling. Graphing calculators will be used to explore various objectives. ***At the end of this course, the student will take the End-of-Course Test for NC Math 1.***

Foundations of NC Math 2

Course Code: 20912X0

Level: S

Credit: 1

Prerequisite: NC Math 1

Foundations of NC Math 2 maintains the study of algebraic concepts and develops the study of geometry topics. It is designed for students who need additional preparation before they take NC Math 2. Appropriate technology, from manipulatives to graphing calculators and applications software, will be used regularly for instruction and assessment. ***This course does not satisfy the fourth year math requirement for the public universities in the UNC System. This course does not meet the NC Community College System's Multiple Measures Policy.***

NC Math 2

Course Code: 22092X0

Level: S

Credit: 1

Prerequisite: NC Math 1

Based on the *NC Standard Course of Study for Mathematics*, NC Math 2 continues a progression of the standards studied in NC Math 1, reflecting on 6 conceptual categories: number & quantity; algebra; functions; geometry; statistics & probability; and modeling. While all six conceptual categories are addressed, particular emphasis will be given to algebra, functions, and geometry. Graphing calculators will be used to explore various standards.

NC Math 2 - Honors

Course Code: 22095X0

Level: H

Credit: 1

Prerequisite: NC Math 1

Honors NC Math 2 demands a more challenging approach to the study of the 6 conceptual categories identified in the Standard level of NC Math 2. *Students will be given opportunities for advanced work to promote rigorous academic study.* The course requires students to take greater responsibility for their learning by participating in activities that promote problem-seeking and problem-solving, critical analysis, and reflective thinking. Emphasis is also placed on practical applications and modeling. Graphing calculators will be used to explore various objectives.

NC Math 3

Course Code: 23092X0

Level: S

Credit: 1

Prerequisite: NC Math 2

Based on the *NC Standard Course of Study for Mathematics*, NC Math 3 continues a progression of the standards studied in NC Math 1 and NC Math 2, reflecting on 6 conceptual categories: number & quantity; algebra; functions; geometry; statistics & probability; and modeling. While all six conceptual categories are addressed, particular emphasis will be given to geometry, algebra, and functions. Graphing calculators will be used to explore various standards. ***At the end of this course, the student will take the End-of-Course Test for NC Math 3.***

NC Math 3 Honors

Course Code: 23095X0

Level: H

Credit: 1

Prerequisite: NC Math 2

Honors NC Math 3 demands a more challenging approach to the study of the 6 conceptual categories identified in the Standard level of NC Math 3. *Students will be given opportunities for advanced work to promote rigorous academic study.* The course requires students to take greater responsibility for their learning by participating in activities that promote problem-seeking and problem-

solving, critical analysis, and reflective thinking. Emphasis is also placed on practical applications and modeling. Graphing calculators will be used to explore various objectives. **At the end of this course, the student will take the End-of-Course Test for NC Math 3.**

CCRG Math Prerequisites: NC Math 1, NC Math 2 & NC Math 3 The CCRG Math course provides the essential prerequisite knowledge required for freshman level/gateway college math courses, including Precalculus Algebra and Algebra/Trigonometry for high school students who do not meet readiness indicators by their junior year to ensure college readiness prior to high school graduation. Demonstration of mastery of these skills ensures students are prepared for coursework at a NC community college without need for further remediation in mathematics. <i>The CCRG math course cannot be used as the 4th level math requirement for UNC system universities, but does meet the graduation requirements for the 4th math course. (Refer to Appendix B for course criteria.)</i>	Course Code: 20132X0	Level: S	Credit: 1
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NC Math 4 Prerequisite: NC Math 3 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 1-3. 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. Students will be prepared for college level algebra and statistics or as a bridge to prepare students for Precalculus or other advanced math courses.	Course Code: 24092X0	Level: S	Credit: 1
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NC Math 4 - Honors Prerequisite: NC Math 3 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 1-3. 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. Students will be prepared for college level algebra and statistics or as a bridge to prepare students for Precalculus or other advanced math courses.	Course Code: 24095X0	Level: H	Credit: 1
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Precalculus - Honors Prerequisite: NC Math 3 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. <i>This course will satisfy the fourth year math requirement for UNC system universities.</i>	Course Code: 24035X0	Level: H	Credit: 1
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Discrete Mathematics for Computer Science Prerequisite: NC Math 3 The purpose of this course is to introduce discrete structures that are the backbone of computer science. Discrete mathematics is the study of mathematical structures that are countable or otherwise distinct and separable. The mathematics of modern computer science is built almost entirely on discrete mathematics, such as logic, combinatorics, proof, and graph theory. At most universities, an undergraduate-level course in discrete mathematics is required for students who plan to pursue careers as computer programmers, software engineers, data scientists, security analysts and financial analysts. Students will be prepared for college level algebra, statistics, and discrete mathematics courses. <i>This course will satisfy the fourth year math requirement for UNC system universities.</i>	Course Code: 24012X0	Level: S	Credit: 1
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Discrete Mathematics for Computer Science - Honors Prerequisite: NC Math 3 The purpose of this course is to introduce discrete structures that are the backbone of computer science. Discrete mathematics is the study of mathematical structures that are countable or otherwise distinct and separable. The mathematics of modern computer science is built almost entirely on discrete mathematics, such as logic, combinatorics, proof, and graph theory. At most universities, an undergraduate level course in discrete mathematics is required for students who plan to pursue careers as computer programmers, software engineers, data scientists, security analysts and financial analysts. Students will be prepared for college level algebra, statistics, and discrete mathematics courses. <i>This course will satisfy the fourth year math requirement for UNC system universities.</i>	Course Code: 24015X0	Level: H	Credit: 1
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Probability & Statistics - Honors NOTE: This elective is an optional Lead-in Course for AP Statistics. It does <u>not</u> count as a math credit for graduation. Probability & Statistics is an academically rigorous course designed to support the topics that are studied in AP Statistics. The course provides opportunities for students to be involved in a variety of data driven activities. It introduces students to major concepts and tools for collecting, analyzing, and drawing conclusions from data. Graphing calculators will be used to explore various objectives. <i>The student may take Probability & Statistics during 1st semester and AP Statistics during 2nd semester.</i>	Course Code: 28005X02	Level: H	Credit: 1 (Elective)
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Introduction to Derivatives - Honors Prerequisite: Precalculus NOTE: This elective is an optional Lead-in Course for AP Calculus AB. It does <u>not</u> count as a math credit for graduation. Introduction to Derivatives is an academically rigorous course designed to support the topics that are studied in AP Calculus AB. The course will provide opportunities for students to be involved in experiences that apply these concepts of calculus: functions, graphs, limits, and derivatives. Graphing calculators will be used to explore various objectives. <i>The student may take Introduction to Derivatives during 1st semester and AP Calculus AB during 2nd semester.</i>	Course Code: 28005X01	Level: H	Credit: 1 (Elective)
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Advanced Placement Statistics**Course Code: 2A037X0****Level: AP****Credit: 1****Prerequisite: NC Math 3****Optional lead-in course: Probability & Statistics****NOTE: Possible companion course to follow Probability & Statistics**

Advanced Placement Statistics is a rigorous course designed to be the equivalent of a freshman level college course. It 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. Students will regularly use 4 conceptual themes: exploring data (*describing patterns and departures from patterns*); sampling and experimentation (*planning and conducting a study*); anticipating patterns (*exploring random phenomena using probability and simulation*); and statistical inference (*estimating population parameters and testing hypotheses*). Appropriate technology, from manipulatives to graphing calculators, will be used regularly for instruction and assessment. The course is taught according to the outline described for AP Statistics by the College Board. **The student will be required to take the AP Statistics Exam. This course will satisfy the fourth year math requirement for UNC system universities.**

Advanced Placement Precalculus**Course Code: 2A047X0****Level: AP****Credit: 1****Prerequisite: NC Math 3 - Honors****NOTE: Possible companion course to follow Math III - Honors**

In Advanced Placement Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. **The student will be required to take the AP Precalculus Exam. This course will satisfy the fourth year math requirement for UNC system universities.**

Advanced Placement Calculus AB**Course Code: 2A007X0****Level: AP****Credit: 1****Prerequisite: Precalculus****NOTE: Possible companion course to follow Introduction to Derivatives**

Advanced Placement Calculus AB is a rigorous course designed to be comparable to calculus courses in colleges and universities. Topics include: Functions, Graphs, and Limits -- analysis of graphs, limits of functions, asymptotic and unbounded behavior, continuity as a property of functions; Derivatives -- concept of the derivative, derivative at a point, derivative as a function, second derivatives; applications of derivatives, computation of derivatives; and Integrals -- interpretations and properties of definite integrals, applications of integrals, Fundamental Theorem of Calculus, techniques of antidifferentiation, applications of antidifferentiation, numerical approximations of definite integrals. Graphing calculators are used regularly to explore various objectives. **The student will be required to take the AP Calculus AB Exam. This course will satisfy the fourth year math requirement for UNC system universities.**

SCIENCE

Earth/Environmental Science

Earth/Environmental Science - H

AP Environmental Science

Physical Science

Biology

Biology - H

Biology II - H

AP Biology

Anatomy & Physiology - H

Chemistry

Chemistry - H

Physics

Physics - H

Physics II - H

AP Physics C: Mechanics

AP Physics 1: Algebra-Based

The Future-Ready Core Course of Study requires 3 credits in Science.

Earth/Environmental Science**Course Code: 35012X0****Level: S****Credit: 1**

This course focuses on the function of the earth's systems. Emphasis is placed on matter, energy, crystal dynamics, environmental awareness, materials availability, and the cycles that circulate energy and material through the earth system. The areas of inquiry include: energy in the earth system; geochemical cycles; origin and evolution of the earth system; origin and evolution of the universe; predictability of a dynamic earth; human interactions with the earth's geologic and environmental systems.

Earth/Environmental Science – Honors**Course Code: 35015X0****Level: H****Credit: 1**

The honors level of Earth/Environmental Science is designed for students who desire a more challenging and in-depth study of the function of the earth's systems. Inquiry into the areas identified in the standard level (S) course description is facilitated much more extensively through various lab activities and research opportunities. Units of study on meteorology, astronomy and oceanography are also included as well as exploring Earth's changing dynamics through current events. Units of study on Earth's spheres (biosphere, geosphere, hydrosphere, and atmosphere) are also included.

Advanced Placement Environmental Science**Course Code: 3A027X0****Level: AP****Credit: 1**

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. This course satisfies the earth/environmental science graduation requirement. **The student will be required to take the AP Environmental Science Exam for high school credit.**

Physical Science	Course Code: 34102X0	Level: S	Credit: 1
This course focuses on an introduction to chemistry and physics. Investigations that emphasize the practical application of physical science principles are approached in a quantitative manner, requiring the mathematical skills of students. The curriculum integrates these topics: structure of atoms; structure and properties of matter; motion and forces; conservation of energy, matter and charge.			
Biology	Course Code: 33202X0	Level: S	Credit: 1
This course focuses on the study of structure and function in living organisms and is designed to encourage the student to make practical, relevant applications of biological concepts to everyday experiences. The student will conduct research and solve problems. The curriculum includes inquiry into these areas: the cell; molecular basis of heredity; interdependence of organisms; matter, energy, and organization in living systems; behavior of organisms. <i>The student must take the NC Biology End-of-Course Test.</i>			
Biology - Honors	Course Code: 33205X0	Level: H	Credit: 1
The honors level of Biology is designed for students who desire a more challenging and in-depth study of living things. It emphasizes the study of structure and function in living things from a molecular level up to the organism level. The inquiry into the areas identified in the standard level (S) course description is facilitated much more extensively. The student will develop research skills and will read, interpret, and discuss current research literature. <i>The student must take the NC Biology End-of-Course Test.</i>			
Biology II - Honors	Course Code: 33215X0	Level: H	Credit: 1
<i>NOTE: Optional Lead-in Course for AP Biology, does not meet the biology graduation requirement</i>			
Advanced Biology is an academically rigorous course designed to support the topics studied in AP Biology. The course will provide opportunities for students to be involved in lab activities. Along with AP Biology, Advanced Biology is taught according to the outline described for AP Biology by the College Entrance Examination Board. This course does not meet the Biology graduation requirement.			
Advanced Placement Biology	Course Code: 3A007X0	Level: AP	Credit: 1
Optional lead-in course: Biology II			
<i>NOTE: Possible companion course to follow Biology II</i>			
Advanced Placement Biology is a rigorous course designed to be the equivalent of a freshman level college course. Topics studied include cells as the structural and functional units of life, cellular processes based on physical and chemical changes, heredity and the role of molecular genetics, biological evolution, unity and diversity of life, and ecological principles. Students will participate in a variety of lab experiences. The course is taught according to the outline described for AP Biology by the College Board. This course satisfies the Biology graduation requirement. <i>The student will be required to take the AP Biology Exam for high school credit.</i>			
Anatomy & Physiology - Honors	Course Code: 33305X0	Level: H	Credit: 1
Prerequisites: Biology			
This course introduces students to the intricacies of the human body in health and disease. It serves as a forum for the application of basic science concepts to the study of the human body and facilitates the development and enhancement of problem solving/critical thinking skills. Students study major systems of the body, health and nutrition, and disease processes; they explore career opportunities in health care. This course is especially beneficial for students who wish to pursue careers in medicine, dentistry, physical therapy, nursing and other allied health sciences.			
Chemistry	Course Code: 34202X0	Level: S	Credit: 1
Recommended Prerequisite: Enrolled in/completed NC Math 2			
This course encourages students to continue their investigations of the structure of matter along with chemical reactions and the conservation of energy in these reactions. Inquiry is applied to the study of the transformation, composition, structure, and properties of substances. The course focuses on basic chemical concepts and incorporates activities that promote investigations to reinforce the concepts. Inquiry in the following content areas is included: structure of atoms; structure and properties of matter; chemical reactions; conservation of energy and matter; interaction of energy and matter.			
Chemistry - Honors	Course Code: 34205X0	Level: H	Credit: 1
Recommended Prerequisite: Enrolled in/completed NC Math 2			
The honors level of Chemistry is a more rigorous chemistry course requiring additional mathematical experience and a greater commitment from the student. The course provides extensions of the content areas described in the standard level (S) course description. This course is structured and designed for students with strong interests in math and science.			
Chemistry II - Honors	Course Code: 34215X0	Level: H	Credit: 1
Prerequisites: Chemistry and NC Math 2			
<i>NOTE: Enrollment in an advanced level math course is recommended. This is an optional Lead-in Course for AP Chemistry.</i>			
Advanced Chemistry is an academically rigorous course designed to support the topics studied in AP Chemistry. Math skills in algebra are needed. Along with AP Chemistry, Advanced Chemistry is taught according to the outline described for AP Chemistry by the College Board.			
Advanced Placement Chemistry	Course Code: 3A017X0	Level: AP	Credit: 1
Optional lead-in course: Chemistry II			
<i>NOTE: Possible companion course to follow Chemistry II</i>			
Advanced Placement Chemistry is a rigorous course designed to be the equivalent of a freshman level college chemistry course. The course is taught according to the outline described for AP Chemistry by the College Entrance Examination Board. This course satisfies the physical science graduation requirement. <i>The student will be required to take the AP Chemistry Exam for high school credit.</i>			
Physics	Course Code: 34302X0	Level: S	Credit: 1
Recommended Prerequisite: NC Math 2			
Physics, the most fundamental of the natural sciences, is quantitative in nature and uses the language of mathematics to describe natural phenomena. Inquiry is applied to the study of matter and energy and their interaction. The following topics are studied:			

conservation of mass and energy; conservation of momentum; waves; fields; interactions of matter and energy. Lab activities and teacher demonstrations are an integral part of the course.

Physics – Honors **Course Code: 34305X0** **Level: H** **Credit: 1**
Recommended Prerequisite: NC Math 2
 The honors level of Physics is a more challenging physics course, requiring additional mathematical experience and a greater commitment from the student. The advanced course focuses on matter and energy and their interactions in the fields of mechanics, waves, thermodynamics, magnetism, electricity, nuclear phenomena, equilibrium of bodies, optical instruments, and communication systems (contains topics of study described in the standard level (S) course description plus others).

Physics II - Honors **Course Code: 34315X0** **Level: H** **Credit: 1**
Prerequisites: Physics and enrolled in/completed Precalculus
NOTE: Optional Lead-in Course for AP Physics 1
 Advanced Physics is an academically rigorous course designed to support the topics studied in AP Physics B. A strong math background is needed since algebra and trigonometry will be used. The course will provide opportunities for students to be involved in lab activities. Along with AP Physics 1, Physics II is taught according to the outline described for AP Physics 1: Algebra-Based by the College Entrance Examination Board.

Advanced Placement Physics C: Mechanics **Course Code: 3A047X0** **Level: AP** **Credit: 1**
Prerequisites: Physics H
 One semester follow-up course to Physics-Honors which provides instruction in advanced topics of each of the following areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. This course includes a hands-on laboratory comparable to a semester-long introductory college-level physics laboratory. This course uses calculus as a tool to solve problems; therefore students should have completed Introduction to Derivatives-Honors in the fall prior to starting this course in the spring. This course satisfies the physical science graduation requirement. **The student will be required to take the AP Physics C Exam.**

Advanced Placement Physics 1: Algebra-Based **Course Code: 3A057X0** **Level: AP** **Credit: 1**
Prerequisites: Physics - Honors
 AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course satisfies the physical science graduation requirement. **The student will be required to take the AP Physics 1 Exam.**

SOCIAL STUDIES

World History	American History
World History - H	American History - H
Advanced Placement World History: Modern	Economics and Personal Finance
American History: Founding Principles, Civics & Economics	Economics and Personal Finance - H
American History: Founding Principles, Civics & Economics - H	Advanced Placement European History
Founding Principles of the USA and North Carolina: Civic Literacy	Advanced Placement US Government and Politics
Founding Principles of the USA and North Carolina: Civic Literacy - H	Advanced Placement United States History
American History I	Sociology
American History I - H	Psychology – H
American History II	Advanced Placement Psychology
American History II – H	

The Future-Ready Core Course of Study requires 4 credits in Social Studies.

World History **Course Code: 43032X0** **Level: S** **Credit: 1**
 World History is usually taken in the 9th grade. Based on the *NC Standard Course of Study for Social Studies*, this course addresses 6 time periods in the study of World History. Students will broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by concepts such as civilization, revolution, government, economics, war, stability, movement, technology, etc. The desired outcome is that students develop relevant understandings of current world issues and relate them to their historical, political, economic, geographical, and cultural contexts. **World History is a requirement for graduation.**

World History - Honors **Course Code: 43035X0** **Level: H** **Credit: 1**
 This course is usually taken in the 9th grade. Honors World History provides the opportunity for advanced work, rigorous study, and systematic study of major ideas and concepts found in the study of global history. The course is challenging and requires students to take greater responsibility for their learning by participating in activities that promote problem-seeking, problem-solving, creativity, critical analysis and application, and reflective thinking. The course covers the same *NC Standards* that have been identified in the Standard level of the course but in greater complexity and acceleration or pacing. **World History is a requirement for graduation.**

Advanced Placement World History: Modern - AP **Course Code: 4A097X0** **Level: AP** **Credit: 1**
 The AP World History: Modern course will begin in 1200 CE, and will be taught for the first time in the 2019-2020 school year. This course will begin with a study of the civilizations in Africa, the Americas, and Asia that are foundational to the modern era. The course

will cover human history from 1200 CE to modern times. AP World History: Modern will fulfill the world history graduation requirement. ***The student will be required to take the AP World History Exam for high school credit.***

Founding Principles of the USA and North Carolina: Civic Literacy **Course Code: 43182X0** **Level: S** **Credit: 1**
Students will examine the ways in which power and responsibility are both shared and limited by the U. S. Constitution and how the judicial, legal, and political systems of North Carolina and the United States embody the founding principles of government. Students will analyze and evaluate the extent to which the American system of government guarantees, protects, and upholds the rights of citizens. Students will also investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and take action to effect change and inform others.

Founding Principles of the USA and North Carolina: Civic Literacy - Honors **Course Code: 43185X0** **Level: H** **Credit: 1**
Students will examine the ways in which power and responsibility are both shared and limited by the US Constitution and how the judicial, legal, and political systems of North Carolina and the US embody the founding principles of government by analyzing and evaluating advanced curriculum content at a brisk pace. Students will analyze and evaluate the extent to which the American system of government guarantees, protects and upholds the rights of citizens. Students will also investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and take action to effect change and inform others. Students will investigate complex questions, problems and challenges. Students will determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher.

American History **Course Code: 43112X0** **Level: S** **Credit: 1**
This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past. Students will craft compelling questions, synthesize and evaluate evidence, develop claims, communicate ideas, and take informed action. ***American History is a requirement for graduation for students entering 9th Grade in 2020-21 and after.***

American History - Honors **Course Code: 43115X0** **Level: H** **Credit: 1**
This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past. Students will craft compelling questions, synthesize and evaluate evidence, develop claims, communicate ideas, and take informed action. Students will analyze and evaluate advanced curriculum content at a brisk pace. Students will investigate complex questions, problems and challenges. Students will determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher. Students must possess the interest, ability, and motivation to meet the challenges of an honors level course. ***American History is a requirement for graduation for students entering 9th Grade in 2020-21 and after.***

Economics and Personal Finance **Course Code: 43192X0** **Level: S** **Credit: 1**
Prerequisites: World History, a founding principles course, and an American History course
Economics and Personal Finance supports the development of students who understand economic decisions, use money wisely, understand education and career choices, and understand how to be financially responsible citizens. Students will be provided with the agency, tools and knowledge necessary to live in and contribute to a financially sound society. The Economics and Personal Finance (EPF) course is intended to be a study of economics, personal finance, income and education, money management, critical consumerism, and financial planning.

Economics and Personal Finance - Honors **Course Code: 43195X0** **Level: H** **Credit: 1**
Economics and Personal Finance (Honors) supports the development of students who understand economic decisions, use money wisely, understand education and career choices, and understand how to be financially responsible citizens. Students will be provided with the agency, tools, and knowledge necessary to live in and contribute to a financially sound society. The Economics and Personal Finance (EPF) course is intended to be a study of economics, personal finance, income and education, money management, critical consumerism, and financial planning. Students will analyze and evaluate advanced curriculum content at a brisk pace. Students will investigate complex questions, problems and challenges. Students will determine and submit project proposals regarding their investigations. Proposals will be reviewed and approved by the teacher. Students must possess the interest, ability, and motivation to meet the challenges of an honors level course.

Advanced Placement European History - AP **Course Code: 4A017X0** **Level: AP** **Credit: 1 (Elective)**
AP European History is designed to be the equivalent of a two-semester introductory college or university European history course. Students will investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the skills, practices and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity/change over time. The course also provides six themes that students explore in order to make connections among historical developments in different times and places; interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity.

Advanced Placement US Government and Politics - AP **Course Code: 4A067X0** **Level: AP** **Credit: 1 (Elective)**
AP Government and Politics is designed to be the equivalent of a freshman level college course. This course focuses on the structure and function of the American government under law; it will give students an analytical perspective on government and politics in the United States. Topics include: 1) Constitutional Underpinnings of the United States Government; 2) Political Beliefs and Behaviors; 3) Political Parties, Interest Groups, and Mass Media; 4) Institutions of National Government; 5) Public Policy; 6) Civil Rights and Civil Liberties. The course is taught according to the outline described for AP Government and Politics by the College Board. This

course satisfies the Civic Literacy graduation requirement. ***The student will be required to take the AP US Government & Politics Exam.***

Advanced Placement United States History - AP **Course Code: 4A077X0** **Level: AP** **Credit: 1**
 Advanced Placement US History is designed to be the equivalent of a freshman level college course. The course is an in-depth study of political, economic, social, and cultural issues and their impact on American society. The framework is from the 1490s to the present. Students are required to read supplemental materials and write analytical essays, such as responses to DBQs (Document Based Questions). Responses to DBQs and long essay questions will require the student to develop a thesis or argument and support it by an analysis of specific, relevant historical evidence. The course is taught according to the outline described for AP US History by the College Board. This course satisfies the American History graduation requirement. ***The student will be required to take the AP US History Exam.***

Sociology **Course Code: 44002X0** **Level: S** **Credit: 1 (Elective)**
 Sociology, an elective course, is the systematic study of human society and human interaction. Students will develop a sociological perspective that will enable them to observe the connections between their personal lives within society, as well as public policy issues. Using observation, the scientific method, and cross-cultural examination, students will discover how patterns of behavior develop, culture is learned, and social predictions are made.

Psychology - Honors **Course Code: 44035X0** **Level: H** **Credit: 1 (Elective)**
 This honors level of Psychology demands a more challenging approach to the scientific study of human development, learning, motivation, and personality. This elective course covers the same *NC Standards* that have been identified in the Standards level of the course, but in greater complexity and acceleration or pacing. The course is challenging and requires students to take greater responsibility for their learning by participating in activities that promote problem-seeking problem-solving, creativity, critical analysis and application, and reflective thinking. Students will learn to express and defend their ideas. They will be given opportunities for advanced work to promote rigorous academic study.

Advanced Placement Psychology - AP **Course Code: 4A057X0** **Level: AP** **Credit: 1 (Elective)**
 This Advanced Placement course explores the ideas, theories, and methods of the scientific study of behavior and mental processes. Students examine the concepts of psychology through reading and discussion, and analyze data from psychological research studies. Topics include biological bases of behavior, motivation, emotion, personality, clinical psychology, social psychology, and more. ***The student will be required to take the AP Psychology Exam.***

SPECIAL EDUCATION (Occupational Course of Study)

English I B	Employment Preparation I: Science
English II B	Employment Preparation II: Citizenship 1A
English III B	Employment Preparation II: Citizenship 1B
English IV B	Employment Preparation III: Citizenship 2A
Introduction to Mathematics	Employment Preparation III: Citizenship 2B
NC Math 1 (B)	Employment Preparation IV: Math
Applied Science	Financial Management
Biology B	
American History: The Founding Principles, Civics & Economics	

English I B **Course Code: 9210BX0** **Level: EC** **Credit: 1**
Prerequisite: IEP/Occupational Course of Study
 Students in English I will express reflections and reactions to print and non-print text and personal experiences. They will demonstrate understanding of various literary genres, concepts, and elements. They will apply conventions of grammar and language.

English II B **Course Code: 9211BX0** **Level: EC** **Credit: 1**
Prerequisite: IEP and English I B
 Students in English II will express reflections and reactions to print and non-print text and personal experiences. They will demonstrate understanding of various literary genres, concepts, and elements. They will apply conventions of grammar and language usage. ***The student will be required to take the NCExtend2 English II End-of-Course Test at the completion of this course.***

English III B **Course Code: 9212BX0** **Level: EC** **Credit: 1**
Prerequisite: IEP and English II B
 Students in English III will apply reading and comprehension strategies to literary and informational texts. They will create written products using a template or form. They will use appropriate communication skills, and critique informational products for use in employment, post-secondary education/training, and independent living domains. They will apply knowledge of cause and effect relationships and carry out a problem-solving process as it relates to personal life situations.

English IV B Prerequisite: IEP and English III B Students in English IV will apply information from informational and literary texts to carry out adult living tasks and activities. They will apply reading comprehension strategies to informational texts found in employment, post-secondary education/training, and independent living domains. They will construct written products without reliance on templates and/or forms. They will produce plans to solve problems that occur in various domains of adult life.	Course Code: 9213BX0	Level: EC	Credit: 1
Introduction to Mathematics Prerequisite: IEP and enrolled in Occupational Course of Study Introduction to Mathematics I consists of standards & objectives that have been identified in the NC Standard Course of Study for the Occupational Course of Study. Students will study: 1) number and operations: rational numbers, ratios, proportions, percentages; 2) geometry: 2- and 3-dimensional figures; 3) measurement: clock time, calendar time, length, capacity, weight, temperature; 4) algebra: properties, equations, inequalities, patterns, linear relationships; and 5) statistics and probability: data, graphical displays, measures of center, range. Students will study the standards using technology, hands-on activities and cooperative learning.	Course Code: 9220BX0	Level: EC	Credit: 1
NC Math 1 (B) Prerequisites: IEP and enrolled in Occupational Course of Study and already taken Introduction to Mathematics Based on the <i>NC Standard Course of Study for Mathematics</i> , NC Math 1 reflects on the conceptual categories: number and quantity; algebra; functions; geometry; statistics and probability; and modeling. While all six conceptual categories are addressed, particular emphasis will be given to algebra and functions. Topics covered include: extending the properties of exponents to rational exponents; reasoning quantitatively and using units to solve problems; seeing structure in expressions; performing arithmetic operations on polynomials; creating equations; reasoning with equations and inequalities; interpreting functions; building functions; constructing and comparing linear and exponential models; experimenting with transformations in the plane; expressing geometric properties with equations; explaining volume formulas and using them to solve problems; and interpreting categorical and quantitative data. Graphing calculators will be used to explore various standards. <i>NC Math 1 should be taken before the end of a student's 10th grade year. At the end of this course, the student will take the NC READY End-of-Course Test for NC Math 1.</i>	Course Code: 9225BX0	Level: EC	Credit: 1
Financial Management Prerequisites: IEP and enrolled in Occupational Course of Study and already taken NC Math 1 Financial Management consists of standards and objectives that have been identified in <i>NC Standard Course of Study for the Occupational Course of Study</i> . Students will study various aspects of personal financial management: personal financial planning, income, expenses, budget, financial institutions, checking account, savings account, credit cards, debit cards, state and federal taxes, wages and compensation, insurance, consumer spending. Students will study these standards and objectives using technology, hands-on activities, and cooperative learning. Students may have opportunities to demonstrate application of these skills in the community and in places of employment.	Course Code: 9222BX0	Level: EC	Credit: 1
Employment Preparation IV: Math Prerequisite: Taught in sequential order of Employment Preparation courses as content builds on previous level. 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. 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. <i>This course includes 150 work hours.</i>	Course Code: 9265BX0	Level: EC	Credit: 1
Applied Science Prerequisite: IEP and Occupational Course of Study Students in Applied Science will understand forces and motion, energy and its' conservations, electricity and magnetism, properties of matter, the uses and dangers of common chemicals, the environment, and the body's basic needs and control systems.	Course Code: 9231BX0	Level: EC	Credit: 1
Biology B Prerequisite: IEP and Applied Science Students in Biology will understand the structure and functions of living organisms, ecosystems, evolution and genetics, and molecular biology. <i>Students will be required to take the Biology End-of-Course Test.</i>	Course Code: 9232BX0	Level: EC	Credit: 1
Employment Preparation I: Science Prerequisites: Taught in sequential order of Employment Preparation courses as content builds on previous level. 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. 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. <i>This course includes 150 work hours.</i>	Course Code: 9260BX0	Level: EC	Credit: 1

Founding Principles of the USA and North Carolina: Civic Literacy	Course Code: 9251BX0	Level: EC	Credit: 1
Prerequisites: IEP and Occupational Course of Study			
Students will examine the ways in which power and responsibility are both shared and limited by the U. S. Constitution and how the judicial, legal, and political systems of North Carolina and the United States embody the founding principles of government. Students will analyze and evaluate the extent to which the American system of government guarantees, protects, and upholds the rights of citizens. Students will also investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and take action to effect change and inform others.			
Economics and Personal Finance	Course Code: 43192X0	Level: EC	Credit: 1
Prerequisites: IEP and Occupational Course of Study			
Economics and Personal Finance supports the development of students who understand economic decisions, use money wisely, understand education and career choices, and understand how to be financially responsible citizens. Students will be provided with the agency, tools and knowledge necessary to live in and contribute to a financially sound society. The Economics and Personal Finance (EPF) course is intended to be a study of economics, personal finance, income and education, money management, critical consumerism, and financial planning.			
Employment Preparation II: Citizenship 1A	Course Code: 9261BX0	Level: EC	Credit: 1
Prerequisites: Taught in sequential order of Employment Preparation courses as content builds on previous level.			
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. 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. <i>This course includes 75 work hours.</i>			
Employment Preparation II: Citizenship 1B	Course Code: 9262BX0	Level: EC	Credit: 1
Prerequisites: Taught in sequential order of Employment Preparation courses as content builds on previous level.			
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. 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. <i>This course includes 75 work hours.</i>			
Employment Preparation III: Citizenship 2A	Course Code: 9263BX0	Level: EC	Credit: 1
Prerequisites: Taught in sequential order of Employment Preparation courses as content builds on previous level.			
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. 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. <i>This course includes 75 work hours.</i>			
Employment Preparation III: Citizenship 2B	Course Code: 9264BX0	Level: EC	Credit: 1
Prerequisites: Taught in sequential order of Employment Preparation courses as content builds on previous level.			
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. 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. <i>This course includes 75 work hours.</i>			

SPECIAL INTEREST CLASSES

AP Research AP Seminar	Library Studies I Library Studies II	Teacher Cadet I Teacher Cadet II
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AP Research **Course Code: 0A007X0** **Level: AP** **Credit: 1**
Students will build on what they learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students will design, plan, and conduct a year-long research based investigation to address a research question. This course is required in order for a student to complete an AP Capstone Diploma. **AP Seminar is only available at schools offering the Advanced Placement Capstone Diploma Program.**

AP Seminar **Course Code: 0A017X0** **Level: AP** **Credit: 1**
Students will develop and practice the skills in research, collaboration, and communication that are needed in any academic discipline. Students will also investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team. **AP Seminar is only available at schools offering the Advanced Placement Capstone Diploma Program.**

Library Studies/Educational Technologies I **Course Code: 96112X01** **Level: S** **Credit: 1**
Prerequisite: Junior/Senior and Media Coordinator Approval
This specialized course allows the student to develop basic competencies in library/media services, basic telecommunication skills, and basic research skills. **There is a limited enrollment, and instructor approval is required.**

Library Studies/Educational Technologies II **Course Code: 96112X02** **Level: S** **Credit: 1**
Prerequisite: Library Studies I and Media Coordinator Approval
This specialized course allows the student to develop advanced competencies in library/media services and telecommunications/research skills. **There is a limited enrollment, and instructor approval is required.**

Teacher Cadet I **Course Code: 96045X0** **Level: H** **Credit: 1**
Teacher Cadet II **Course Code: 96065X0** **Level: H** **Credit: 1**
This course is designed to encourage students to further pursue teaching as a career. Students learn about the importance of positive learning environments, curriculum development, and utilization of a variety of instructional strategies. Students are eligible for articulated university credit upon successful completion of the Teacher Cadet Pathway. English/language arts, social studies, mathematics, science, technology and interpersonal relationships are reinforced.

WORLD LANGUAGES/ENGLISH AS A SECOND LANGUAGE

French I	Spanish I	German I
French II	Spanish II	German II
French III - H	Spanish III - H	German III - H
French IV - H	Spanish IV - H	English as a Second Language - Beginning
French Heritage I	Spanish Heritage I	English as a Second Language - Intermediate
French Heritage II - H	Spanish Heritage II - H	English as a Second Language - Advanced
AP French Language and Culture	AP Spanish Language and Culture	

Recommendation: Students should take world language courses in consecutive semesters. It is recommended that college-bound students take at least two levels of the same world language. It is recommended that students enroll in their world language courses early, in order to attain a higher level of proficiency, especially if they have already taken a world language course in middle school.

French I **Course Code: 11012X0** **Level: S** **Credit: 1**
This course is an introduction to the French language and its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing. The content focuses on the students' lives and experiences, with an introduction to everyday customs and lifestyles. Grammar, spelling, vocabulary, speech sounds, and culture are integrated throughout the course. The study of the life and customs of the people fosters the knowledge of a culture other than one's own and, in turn, a development of attitudes which may lead to a better understanding and appreciation of other people.

French II **Course Code: 11022X0** **Level: S** **Credit: 1**
Prerequisite: French I
This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in short conversational situations by using learned elements of the French language orally and in writing. They are able to interact on issues of everyday life in the present and past, inside and outside the classroom setting. They compose related sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Students develop a good understanding of the similarities and differences between cultures and languages. They further examine the influence of the beliefs and values of the target culture. The study of the life and customs of the people leads to a better understanding and appreciation of another culture. Integration of other disciplines is ongoing throughout the course.

French III – Honors Prerequisite: French II This course provides students with opportunities to expand to a greater extent their listening, speaking, reading, and writing skills in the language through short literary texts, authentic materials, technical manuals, and other media. The students continue to enrich their linguistic skills and grammar usage. Language skills become more complex as vocabulary and idioms are broadened. Students continue to refine their knowledge and understanding of the French culture and their own by examining the interrelationship of other cultures to their own. Integration of other disciplines is ongoing throughout the course. Daily oral communication in French is required.	Course Code: 11035X0	Level: H	Credit: 1
French IV – Honors Prerequisite: French III This course is designed to integrate and extend knowledge and skills mastered in French I, II and III. A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics in French. Competency in the communicative processes is required. There is a more in depth study of the target culture(s) and their influence worldwide. Students are able to connect the French language to other disciplines and compare it to their own and are able to use the language inside and outside of the classroom setting. Increased knowledge and appreciation of the literature and culture of the target language are emphasized through the reading and discussing of texts (short stories, poetry, excerpts from various periods of literature, current events, technical manuals, and other authentic materials). French is the means of communication in the class. Note: The student who successfully completes the course may elect to take the AP French exam for placement and/or credit in a participating college/university.	Course Code: 11045X0	Level: H	Credit: 1
French Heritage I Prerequisite: Must be a native or heritage speaker of French This course is designed specifically for native or heritage speakers of French who already have some oral language proficiency. The purpose of this course is to enable students to develop, maintain, and enhance their proficiency in French by providing them the opportunity to listen, speak, read, and write in French in a variety of contexts and for a variety of audiences including family, school, and the immediate community. The course will allow students to explore the cultures of the French speaking countries, including their own, and will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.	Course Code: 11092X0	Level: S	Credit: 1
French Heritage II - Honors Prerequisite: French Heritage I The purpose of this course is to enable students to further develop, maintain, and enhance their proficiency in French by providing the opportunity to listen, speak, read, and write in a variety of contexts and for a variety of audiences, including the family, schools, and broader community. The course will allow students to explore their own culture and the cultures that use the heritage language. It will enable students to gain a greater level of understanding of the nature of their own language as well as other languages to be acquired.	Course Code: 11105X0	Level: H	Credit: 1
AP French Language and Culture Prerequisite: French IV or French Heritage II Advanced Placement French Language and Culture is designed to be the equivalent of an intermediate level college course in French language. In order to be successful in this course, students need previous intensive language development and/or a minimum of three years of formal language instruction or the equivalent. This course provides students with opportunities to build proficiency in reading and comprehension of authentic texts and materials, and learn to formulate and express critical opinions and judgements in French. Students expand to a greater extent their French language skill and learn more about the cultures in French-speaking parts of the world. This course emphasizes the use of language for active communication. The students will be able to hold conversations in real-life situations, and study real-life materials such as newspapers, articles, films, music, and books. They will also be able to write stories, letters, emails, essays, and other texts in French. The students will be required to take the AP French Language and Culture Exam.	Course Code: 1A037X0	Level: AP	Credit: 1
Spanish I NOTE: A student may take Spanish I in Grade 8 and be given high school credit if the final grade is a "B" or better. This course is an introduction to the Spanish language and its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing. The content focuses on the students' lives and experiences, and includes an exposure to everyday customs and lifestyles. Grammar, spelling, vocabulary, speech sounds, and culture are integrated throughout the course. The study of the life and customs of the people fosters the knowledge of a culture other than one's own and, in turn, a development of attitudes which may lead to a better understanding and appreciation of other people.	Course Code: 11412X0	Level: S	Credit: 1
Spanish II Prerequisite: Spanish I This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in short conversational situations by using learned elements of the Spanish language orally and in writing. They are able to interact on issues of everyday life in the present and past, inside and outside the classroom setting. They compose related sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Students develop understanding of the similarities and differences between cultures and languages. They further examine the influence of the beliefs and values of the target culture. The study of the life and customs of the people leads to a better understanding and appreciation of another culture.	Course Code: 11422X0	Level: S	Credit: 1
Spanish III – Honors Prerequisite: Spanish II This course provides students with opportunities to expand to a greater extent their listening, speaking, reading, and writing skills in the Spanish language through short literary texts, authentic materials, technical manuals, and other media. The students continue to enrich their linguistic skills and grammar usage. Language skills become more complex as vocabulary and idioms are broadened.	Course Code: 11435X0	Level: H	Credit: 1

Students continue to refine their knowledge and understanding of the Spanish culture and their own by examining the interrelationship of other cultures to their own. Daily oral communication in Spanish is required.

Spanish IV – Honors Prerequisite: Spanish III - Honors	Course Code: 11445X0	Level: H	Credit: 1
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This course is designed to integrate and extend knowledge and skills mastered in Spanish I, II and III. A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics in Spanish. Competency in the communicative processes is required. There is a more in depth study of the target culture (s) and their influence throughout the world. Students are able to connect the Spanish language to other disciplines and compare it to their own and are able to use the language inside and outside of the classroom setting. Increased knowledge and appreciation of the literature and culture of the target language are emphasized through the reading and discussing of texts (short stories, poetry, excerpts from various periods of literature, current events, technical manuals, and other authentic materials). Spanish is the means of communication in the class.

Note: *The student who successfully completes the course may elect to take the AP Spanish exam for placement and/or credit in a participating college/university*

Spanish Heritage I Prerequisite: Must be a native Spanish speaker	Course Code: 11492X0	Level: S	Credit: 1
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This course is designed specifically for native/heritage speakers of Spanish who already have some oral language proficiency. The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in Spanish. The purpose of this course is to enable students to develop, maintain, and enhance their proficiency in Spanish by providing them the opportunity to listen, speak, read, and write Spanish in a variety of contexts and for a variety of audiences including family, school, and the immediate community. The course will allow students to explore the cultures of the Hispanic world including their own and will enable students to gain understanding of the nature of their own language as well as other languages to be acquired.

Spanish Heritage II - Honors Prerequisite: Spanish Heritage I	Course Code: 11505X0	Level: H	Credit: 1
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The purpose of this course is to enable students to further develop, maintain and enhance their proficiency in Spanish by providing the opportunity to listen, speak, read and write in a variety of contexts and for a variety of audiences, including family, schools and broader community. The course will allow students to explore their own culture and the cultures that use the heritage language. It will enable students to gain a greater understanding of the nature of their own language as well as other languages to be acquired.

AP Spanish Language and Culture Prerequisite: Spanish IV or Spanish Heritage II	Course Code: 1A087X0	Level: AP	Credit: 1
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Advanced Placement Spanish Language and Culture is designed to be the equivalent of an intermediate level college course in Spanish language. In order to be successful in this course, students need previous intensive language development and/or a minimum of three years of formal language instruction or the equivalent.

This course provides students with opportunities to build proficiency in reading and comprehension of authentic texts and materials, and learn to formulate and express critical opinions and judgements in Spanish. Students expand to a greater extent their Spanish language skill and learn more about the cultures in Spanish-speaking parts of the world. This course emphasizes the use of language for active communication. The students will be able to hold conversations in real-life situations, and study real-life materials such as newspapers, articles, films, music, and books. They will also be able to write stories, letters, emails, essays, and other texts in Spanish.

The students will be required to take the AP Spanish Language and Culture Exam.

German I	Course Code: 11612X0	Level: S	Credit: 1
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This course is an introduction to the German language and its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing. The content focuses on the students' lives and experiences, and includes an exposure to everyday customs and lifestyles. Grammar, spelling, vocabulary, speech sounds, and culture are integrated throughout the course. The study of the life and customs of the people fosters the knowledge of a culture other than one's own and, in turn, a development of attitudes which may lead to a better understanding and appreciation of other people.

German II Prerequisite: German I	Course Code: 11622X0	Level: S	Credit: 1
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This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in short conversational situations by using learned elements of the German language orally and in writing. They are able to interact on issues of everyday life in the present and past, inside and outside the classroom setting. They compose related sentences with narrate, describe, compare, and summarize familiar topics from the target culture. Students develop a good understanding of the similarities and differences between cultures and languages. They further examine the influence of the beliefs and values of the target culture. The study of the life and customs of the people leads to a better understanding and appreciation of another culture. Integration of other disciplines is ongoing throughout the course.

German III – Honors Prerequisite: German II	Course Code: 11635X0	Level: H	Credit: 1
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This course provides students with opportunities to expand to a greater extent their listening, speaking, reading, and writing skills in the language through short literary texts, authentic materials, technical manuals, and other media. The students continue to enrich their linguistic skills and grammar usage. Language skills become more complex as vocabulary and idioms are broadened. Students continue to refine their knowledge and understanding of the German culture and their own by examining the interrelationship of other cultures to their own. Integration of other disciplines is ongoing throughout the course. Daily oral communication in German is required.

English as a Second Language - Beginning

Course Code: 10382X01

Level: S

Credit: 1

Prerequisite: WAPT/ACCESS Testing for ESL placement

This course focuses on the development of linguistic skills and grammar usage with emphasis on listening, speaking, reading, and writing the English language for those students with limited English proficiency. Non-English speaking students are required to take this course. As students learn English as a second language at varying rates, each student will move through the different ESL courses as he/she demonstrates proficiency at each level. *The ACCESS proficiency test will be administered at the end of the course.*

English as a Second Language - Intermediate

Course Code: 10382X02

Level: S

Credit: 1

Prerequisite: WAPT/ACCESS Testing for ESL placement

This course emphasizes the refinement of the communicative process and the further development of the four skills of listening, speaking, reading, and writing in English. Vocabulary, spelling, grammar, and mechanics are also stressed. The study of the American culture continues. The students may also work in a language laboratory setting. *The ACCESS proficiency test will be administered at the end of the course.*

English as a Second Language - Advanced

Course Code: 10382X03

Level: S

Credit: 1

Prerequisite: WAPT/ACCESS Testing for ESL placement

This course focuses on the integration of the communicative processes and the broadening of the vocabulary. Daily oral communication in English is required. The four skills of listening, speaking, reading, and writing are also enhanced in English. Laboratory studies may continue. The study of the American culture is enriched through various types of media. *Once the advanced student scores 4.8 Expanding/Bridging on the ACCESS language proficiency test, he/she will be exited from the program.*

TOEFL (Test of English as a Foreign Language): The TOEFL is a standardized test that measures the English language proficiency of non-native English speakers. It consists of comprehension, structure and written expression, vocabulary, and reading comprehension sections. *For more information and to verify test dates, visit www.ets.org/toefl.*

Appendix A

North Carolina Mathematics Graduation Requirements

Options Charts for students who entered high school: during the 2025-2026 school year

According to the [State Graduation Requirement Policy](#), students earn four mathematics credits which shall be either:

- a. NC Math 1, 2, and 3 and a fourth mathematics course to be aligned with the student's post high school plans
- b. In the rare instance a principal exempts a student from the Future-Ready Core mathematics sequence, except as limited by N.C.G.S. §115C-81(b), the student will be required to pass: NC Math 1 and Math 2 plus two additional courses identified on the NC DPI Math options chart. Note: Credit shall be awarded for Math I, II, III if taken prior to the 2016-17 school year.

The following charts are provided to identify the courses that are options to fulfill the mathematics graduation requirement and that align with the student's post high school plan.

The charts include options for students who seek:

- [1. Admission into a UNC System Institution](#)
- [2. Admission into Community College or enter directly into a Career after High School](#)
- [3. Principal Exemption from the Future Ready Core Graduation Requirements](#)

Guidance to fulfill mathematics graduation requirements is also provided for students who are:

- [Identified as Learning Disabled in Math](#)
- [Following the Occupational Course of Study](#)

Visit DPI's website to see previous versions: <https://www.dpi.nc.gov/districts-schools/classroom-resources/academic-standards/standard-course-study/mathematics/standard-course-study-supporting-resources#Chartsbasedon9thGradeEntryYear-3802>

North Carolina Mathematics Graduation Requirements

Options Charts for students who entered high school: **during the 2025-26 school year**

<p>1. Admission into a UNC System Institution <i>The following courses will fulfill the NC graduation requirements for mathematics and meet the UNC System Institution Minimum Course Requirements for admission. For admission into universities and colleges outside of the UNC System Institution, please check with that institution's admissions office for requirements and recommendations.</i></p>	<p>Students must earn credit for:</p> <ul style="list-style-type: none"> • 2109 – NC Math 1 • 2209 – NC Math 2 • 2309 – NC Math 3 <p>And <u>1</u> credit from the following:</p>
<p>Active Courses - The following courses can be scheduled.</p> <ul style="list-style-type: none"> • If the course is marked “New”, that course code is new and can be scheduled for the 2025-26 school year. • If the course is marked “Honors”, the course contains honors level material and receives a GPA bonus of 0.5. • If the course is marked “CL+”, the course is a transferable college-level course and receives a GPA bonus of 1.0. 	
<p>NC SCOS – 4th Level Math Courses</p> <ul style="list-style-type: none"> • 2401 – Discrete Mathematics for Comp Sci • 2403 – Precalculus Honors • 2409 – NC Math 4 	<p>Advanced Placement Courses</p> <ul style="list-style-type: none"> • 2A00 – AP Calculus AB CL+ • 2A01 – AP Calculus BC CLs + • 2A03 – AP Statistics CL + • 2A04 – AP Precalculus CL +
<p>Community College Course</p> <ul style="list-style-type: none"> • 2C01 – MAT 143 – Quantitative Literacy • 2C02 – MAT 152 – Statistical Methods I • 2C03 – MAT 171 – Precalculus Algebra • 2C04 – MAT 172 – Precalculus Trigonometry • 2C05 – MAT 263 – Brief Calculus • 2C06 – MAT 271 – Calculus I • 2C07 – MAT 272 – Calculus II • 2C11 – MAT 252 – Statistics II • 2C12 – MAT 273 – Calculus III • 2C13 – MAT 280 – Linear Algebra • 2C14 – MAT 285 – Differential Equations • 2C15 – MAT 141 – Mathematical Concepts I • 2C16 – MAT 142 – Mathematical Concepts II • 2C18 – MAT 175 – Precalculus • 2C20 – MAT 167 – Discrete Math 	<p>International Baccalaureate Courses</p> <ul style="list-style-type: none"> • 2I06 – IB Analysis and Approaches SL CL + • 2I07 – IB Analysis and Approaches HL CL + • 2I08 – IB Applications & Interpretations SL CL + • 2I09 – IB Applications & Interpretations HL CL + <p>Cambridge Courses</p> <ul style="list-style-type: none"> • 2V00 – CIE Mathematics AS CL + • 2V01 – CIE Mathematics A CL + • 2V02 – CIE Mathematics & Mechanics AS CL + • 2V03 – CIE Mathematics & Mechanics A CL + • 2V04 – CIE Mathematics & Probability/Statistics AS CL + • 2V05 – CIE Mathematics & Probability/Statistics A CL +

North Carolina Mathematics Graduation Requirements

Options Charts for students who entered high school: **during the 2025-26 school year**

<p>2. Admission into Community College or enter directly into a Career after High School <i>The following courses will fulfill the NC graduation requirements for mathematics. Students may also earn a credit in a course listed on the Admission into a UNC Institution Chart.</i></p>	<p>Students must earn credit for:</p> <ul style="list-style-type: none"> • 2109 – NC Math 1 • 2209 – NC Math 2 • 2309 – NC Math 3 <p>And <u>1</u> credit from the following:</p>
<p>Active Courses - The following courses can be scheduled.</p> <ul style="list-style-type: none"> • If the course is marked “New”, that course code is new and can be scheduled for the 2025-26 school year. • If the course is marked “Honors”, the course contains honors level material and receives a GPA bonus of 0.5. • If the course is marked “CL+”, the course is a transferable college-level course and receives a GPA bonus of 1.0. 	
<p>Additional Mathematics Courses</p> <ul style="list-style-type: none"> • 2090 – Foundations of NC Math 1 • 2091 – Foundations of NC Math 2 • 2092 – Foundations of NC Math 3 • 2013 – CCRG Mathematics 	<p>Advanced Placement and International Baccalaureate Courses</p> <ul style="list-style-type: none"> • 0A02 – AP Computer Science Principles CL + • 2A02 – AP Computer Science A CL + • 2I00 – IB Computer Science SL CL + • 2I01 – IB Computer Science HL CL +
<p>CTE Single Courses that fulfill 1 of the 4 required mathematics credits for graduation</p> <ul style="list-style-type: none"> • AP44 – Horticulture II Landscape Construction Honors • BA10 – Accounting I • BA20 – Accounting II Honors • CC11 – Microsoft Excel Honors • CE10 – PLTW Introduction to Engineering Design Honors • CE11 – PLTW Principles of Engineering CL + • CE13 – PLTW Digital Electronics CL + • CE14 – PLTW Civil Engineering and Architecture CL + • CE15 – PLTW Aerospace Engineering Honors • CE17 – PLTW Computer Integrated Manufacturing Honors 	<ul style="list-style-type: none"> • CE18 – PLTW Environmental Sustainability Honors • FA32 – Apparel & Textile Production II • FH10 – Culinary Arts and Hospitality I • IC21 – Carpentry I • IC61 – Drafting I Honors • IC62 – Drafting II Architectural Honors • IM41 – Metals Manufacturing Technology I Honors • IM42 – Metals Manufacturing Technology II Honors • IV22 – Drafting II Engineering Honors
<p>CTE Paired Courses that fulfill 1 of the 4 required mathematics credits for graduation</p> <ul style="list-style-type: none"> • CD30 – Game Art and Design AND CD31 – Advanced Game Art and Design • FI21 – Interior Design I-Fundamentals AND FI23 Interior Design II-Technology Honors • IC11 – Masonry I Honors AND IC12 – Masonry II Honors • IC22 – Carpentry II Honors AND IC23 – Carpentry III Honors • IC41 – Electrical Trades I Honors AND IC42 – Electrical Trades II Honors • IM21 – Woodworking I AND IM22 – Woodworking II Honors 	

North Carolina Mathematics Graduation Requirements

Options Charts for students who entered high school: **during the 2025-26 school year**

<p>3. Principal Exemption from the Future Ready Core Graduation Requirements</p> <p><i>The following courses will fulfill the NC graduation requirements for mathematics with a principal override. Students may also earn a credit in a course listed on the Admission into a UNC Institution Chart.</i></p>	<p>Students must earn credit for:</p> <ul style="list-style-type: none"> • 2109 – NC Math 1 • 2209 – NC Math 2 <p>And <u>2</u> credits from the following:</p>
<p>Active Courses - The following courses can be scheduled.</p> <ul style="list-style-type: none"> • If the course is marked “New”, that course code is new and can be scheduled for the 2025-26 school year. • If the course is marked “Honors”, the course contains honors level material and receives a GPA bonus of 0.5. • If the course is marked “CL+”, the course is a transferable college-level course and receives a GPA bonus of 1.0. 	
<p>Additional Mathematics Courses</p> <ul style="list-style-type: none"> • 2020 – Introductory Mathematics • 2040 – Alternate Mathematics I • 2041 – Alternate Mathematics II • 2090 – Foundations of NC Math 1 • 2091 – Foundations of NC Math 2 • 2092 – Foundations of NC Math 3 • 2013 – CCRG Mathematics 	<p>Advanced Placement and International Baccalaureate Courses</p> <ul style="list-style-type: none"> • 0A02 – AP Computer Science Principles CL + • 2A02 – AP Computer Science A CL + • 2I00 – IB Computer Science SL CL + • 2I01 – IB Computer Science HL CL +
<p>CTE Single Courses that fulfill 1 of the 4 required mathematics credits for graduation</p> <ul style="list-style-type: none"> • AP44 – Horticulture II Landscape Construction Honors • BA10 – Accounting I • BA20 – Accounting II Honors • CC11 – Microsoft Excel Honors • CE10 – PLTW Introduction to Engineering Design Honors • CE11 – PLTW Principles of Engineering CL + • CE13 – PLTW Digital Electronics CL + • CE14 – PLTW Civil Engineering and Architecture CL + • CE15 – PLTW Aerospace Engineering Honors • CE17 – PLTW Computer Integrated Manufacturing Honors 	<ul style="list-style-type: none"> • CE18 – PLTW Environmental Sustainability Honors • FA32 – Apparel & Textile Production II • FH10 – Culinary Arts and Hospitality I • IC21 – Carpentry I • IC61 – Drafting I Honors • IC62 – Drafting II Architectural Honors • IM41 – Metals Manufacturing Technology I Honors • IM42 – Metals Manufacturing Technology II Honors • IV22 – Drafting II Engineering Honors
<p>CTE Paired Courses that fulfill 1 of the 4 required mathematics credits for graduation</p> <ul style="list-style-type: none"> • CD30 – Game Art and Design AND CD31 – Advanced Game Art and Design • FI21 – Interior Design I-Fundamentals AND FI23 Interior Design II-Technology Honors • IC11 – Masonry I Honors AND IC12 – Masonry II Honors • IC22 – Carpentry II Honors AND IC23 – Carpentry III Honors • IC41 – Electrical Trades I Honors AND IC42 – Electrical Trades II Honors • IM21 – Woodworking I AND IM22 – Woodworking II Honors 	

North Carolina Mathematics Graduation Requirements

Options Charts for students who entered high school: **during the 2025-26 school year**

Students identified as Learning Disabled in Math

General Statute 115C-12(9d) states:

"The State Board shall not adopt or enforce any rules that requires Algebra I* as a graduation standard or as a requirement for a high school diploma for any student whose individualized education program (i) identifies the student as learning disabled in the area of mathematics and (ii) states that this learning disability will prevent the student from mastering Algebra I." As noted in General Statute 115C-12(9d), the individualized education program (IEP) must state that the specific learning disability (SLD) in the area of mathematics will prevent the student from mastering Algebra I (now interpreted as NC Math 1 per memo dated 12/16/13).

The IEP team decision regarding the application of this statute through documentation in the IEP could occur at different times during the academic career of a student with a SLD in the area of mathematics. For further information on the required considerations for application of this statute, please see the August 24, 2016 [memo and worksheet](https://bit.ly/SLDMath1Exemption) (<https://bit.ly/SLDMath1Exemption>).

Note: The memo and worksheet refer to General Statute 115-81b. Recent legislation relocated the content of 115-81b to 115-12(9d) without changing the text of the statute. Please continue to use the memo and worksheet as intended for students with a specific learning disability in the area of mathematics.

Students included in the category defined by NC General Statute 115C-12(9d) must complete four credits in mathematics. These students must construct a four-course mathematics sequence using any combination of the courses listed in the preceding Options Charts. Each student's course selection should be guided by his or her post-secondary goals, as defined in his/her IEP.

For complete information on application of General Statute 115C-12(9d), refer to the Students with Specific Learning Disabilities and Mathematics Sequence Exemption in the Future-Ready Course of Study memo referenced above.

The following courses remain active to provide IEP teams with additional options for students who qualify for the exemption from the entire NC Math 1, 2, and 3 sequence.

- 2020 – Introductory Mathematics
- 2040 – Alternate Mathematics I
- 2041 – Alternate Mathematics II

These math courses do not have state standards. This allows teachers to create objectives to meet the needs of students enrolled in these courses based on the student's future plans stated in the student's IEP.

*Algebra I is now interpreted as NC Math I.

Students following the Occupational Course of Study

Students who follow this sequence should be classified as Occupational Course of Study.

To meet mathematics graduation requirements*, students must earn credit for:

- 9220B – Introduction to Mathematics
- 9225B – NC Math 1
- 9222B – Financial Management
- 9265B – Employment Preparation IV Math

* Students following the OCS pathway are not required to earn credit in NC Math 2 or NC Math 3.

Appendix B

WAYNE COUNTY PUBLIC SCHOOLS Future Ready Core 4-Year Graduation Plan

Name: (Last) _____ (First) _____ (Middle) _____ Student #: _____ Grade 9 Entry Date: _____
 HS Counselor: _____ Plan after graduation: ___ Work ___ Military ___ 2-yr.Comm College/ Transfer ___ 4-yr. College/Univ

Content Area Requirements (minimums noted)	8 th Grade 20__ - 20__ (if applicable)	9 th Grade 20__ - 20__ School: _____	10 th Grade 20__ - 20__ School: _____	11 th Grade 20__ - 20__ School: _____	12 th Grade 20__ - 20__ School: _____	Credits Earned
English (4 Credits)						
Math (4 Credits)						
Science (3 Credits)						
Social Studies (4 Credits)						
Health & PE (1 Credit) [Including cardiopulmonary resuscitation (CPR) instruction]						
Electives (6 Credits) 2 Foreign Language (recommended for college-bound students) 2 from any combination: CTE, Arts Education, World Language 4 course concentration: CTE, JROTC, Arts Education, Any other core subject area						
Total Credits Earned Per Year	___ out of ___	___ out of ___	___ out of ___	___ out of ___	___ out of ___	TOTAL= 22 Credit Minimum

WAYNE COUNTY PUBLIC SCHOOLS
Occupational Prep Course of Study
(for specifically identified students with an Individualized Education Plan)

Name: _____, _____ <div style="display: flex; justify-content: space-around; width: 100%;"> (Last) (First) (Middle) </div>						Student #: _____						Counselor: _____					
Content Area Requirements	9th Grade	10 th Grade	11 th Grade	12th Grade	Credits Earned												
English (4 Credits) OCS English I, II, III, IV																	
Math (4 Credits) Introduction to Mathematics NC Math I Financial Management Employment Preparation IV: Math																	
Science (3 Credits) Applied Science Biology Employment Preparation I: Science																	
Social Studies (4 Credits) Founding Principles of the USA and NC: Civic Literacy Economics and Personal Finance Employment Preparation II: Citizenship 1A Employment Preparation II: Citizenship 1B																	
Health & Physical Education (1 Credit) [Including cardiopulmonary resuscitation (CPR) instruction]																	
Career Requirements (4 Credits) Career & Technical Education Electives																	
Employment Preparation (2 additional credits) Employment Preparation III: Citizenship 2A Employment Preparation III: Citizenship 2B																	
Total Credits Per Year	_____ out of _____	_____ out of _____	_____ out of _____	_____ out of _____	22 Credit Minimum												

* Employment Preparation I, II, III, IV = Completion of 150 hrs. of school-based training, 225 hrs. of community-based training, and 225 hrs. of paid employment, for a total of 600 required work hours.

Appendix C

Career- and College-Ready Graduate Courses (CCRG)

Career and College Ready Graduate (CCRG) program is a response to legislation (S.L. 2015-241, Section 10.13 amended by S.L. 2016-94 and S.L. 2018-5). The intent of the legislation is to provide an opportunity for high school students to ensure remediation-free placement into the NC Community College System (NCCCS).

The State Board of Community Colleges (SBCC) in consultation with the State Board of Education (SBOE) is required to develop a program that introduces the college developmental math, reading, and English curriculum prior to high school graduation. High school seniors that are not career and college ready by the end of their junior year, will have opportunities for college remediation prior to high school graduation through cooperation with community college partners.

Students who are enrolled in the Occupational Course of Study to receive their high school diplomas shall not be required to participate in the program or be required to take mandatory remedial courses unless a parent specifically requests through the individualized education program (IEP) process that the student participates.

CCRG Course Criteria:

High school juniors with an unweighted GPA between 2.2 and 2.799 at the end of the junior year are required to take CCRG Math and English courses in their senior year unless they meet one of the following criteria in either Math or English.

SAT Score 480/530	ACT Score 18/22/22	Math 3 EOC Score IV or V	*AP Exam Score III or higher	**IB Course Score IV or higher	***CIE Score C or higher
Composite score of 480 for Evidenced Based Reading and Writing Score of 530 in Math	English – 18 Reading - 22 Math – 22	Math 3	English, Language and Composition English, Literature, and Composition Calculus AB Calculus BC	IB English A (Standard or Higher Level) IB Mathematics (Higher Level) IB Advanced Mathematics (Higher Level) IB Mathematical Studies (Standard Level)	AS or A Level English Language AS Level Language and Literature in English AS or A Level Math A Level Mathematics - Further

*Advanced Placement Course

**International Baccalaureate

***Cambridge International Examinations

Appendix D

Dual Enrollment/ Career & College Promise

Section 3.1.4 of NC State Board of Education Policy states:

College courses ("dual enrollment") - Course content, pace and academic rigor are, by definition, college-level for these courses. College courses, which may be delivered by a community college, public university or private college or university, provide credit toward a high school diploma and may satisfy a graduation requirement or provide an elective course credit. The state weighting system adds the equivalent of one (1) quality point to the grade earned in community college courses included on the most recent Comprehensive Articulation Agreement Transfer List, and for courses taught at four-year universities and colleges.

Information can be accessed at NC State Board online policy manual:

<https://simbli.eboardsolutions.com/Policy/ViewPolicy.aspx?S=10399&revid=3lfkid04sbSK2LcN266plusww==&st=dual%20enrollment&mt=Exact>

Based on the SBE policy, any course on the [Transfer Course List](#) will receive +1 quality point. All other CCP courses will receive a standard-level weight on the HS transcript. **The Comprehensive Articulation Agreement Transfer Course List can be accessed at:** <https://www.nccommunitycolleges.edu/students/enrollment-and-registration/university-transfer/articulation-agreements/comprehensive-articulation-agreement/>

For additional information and course availability, see your School Counselor or visit www.waynecc.edu/career-and-college-promise/.

Appendix E

2025 - 2026

Wayne County Public Schools Career Clusters

Agriculture, Food & Natural Resources (AGNR)	Architecture & Construction (ARCH)	Arts, A/V, Technology & Communications (AAVC)	Business Mgmt & Administration (BMA)	Finance (FINA)	Health Science (HLTH)	Hospitality & Tourism (HOSP)
<u>5 Career Pathways</u> Animal Science: Animal Science I Animal Science II - Food Animal ♦ Equine Science: Equine Science I Equine Science II ♦ Natural Resources: Natural Resources I Natural Resources II- Forestry ♦ Plant Systems: Horticulture I Horticulture II ♦ Power, Struct & Tech Sys: Agriculture Mechanics I Ag. Mechanics II ♦ OR Ag. Mech II-Small Engines ♦	<u>5 Career Pathways</u> Carpentry: Construction Core Carpentry I Carpentry II ♦ Career Pathway Major: Carpentry III Drafting Architectural: Drafting I Drafting II - Arch ♦ Career Pathway Major: Drafting III- Arch Electrical: Construction Core Electrical Trades I Electrical Trades II ♦ Interior Design: Interior Design I Interior Design II ♦ HVAC/R: Construction Core HVAC/R I HVAC/R II ♦ Career Pathway Major: HVAC/R III	<u>2 Career Pathways</u> Adobe Academy: Adobe Visual Design I Adobe Visual Design II ♦ OR Adobe Digital Design ♦ Apparel & Textile Production: Apparel & Textile I Apparel & Textile II ♦	<u>3 Career Pathways</u> Entrepreneurship: Entrepreneurship I Entrepreneurship II ♦ General Management: Business Essentials Business Mgmt. I Business Mgmt. II ♦ Project Management: Project Mgmt. I Project Mgmt. II ♦	<u>1 Career Pathways</u> Accounting: Accounting I Accounting II ♦	<u>2 Career Pathways</u> Biomedical Technology: Health Science I Biomedical Technology ♦ Healthcare Professional: Health Science I Health Science II ♦	<u>2 Career Pathways</u> Sports & Entertain Mkt: Sport & Event Mkt I Sport & Event Mkt II ♦ Travel & Tourism: Hosp. & Tourism Mgt I Hosp. & Tourism Mgt II ♦
Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship	Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship	Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship	Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship	Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship	Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship	Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship

*Students must complete the two or three course sequence under a particular “Career Pathway” to be a CTE Pathway Concentrator.








**Concentrator course is designated by the ♦ symbol.












Additional CTE Courses can be taken through NCVPS.

2024 - 2025




Human Services (HUMA)	Information Technology (INFO)	Law, Public Safety, Corrections & Security (LAW)	Manufacturing (MANU)	Marketing (MRKT)	Science, Technology, Engineering & Mathematics (STEM)	Transportation, Distribution & Logistics (TRAN)
<p><u>4 Career Pathways</u></p> <p>Cosmetology w/ Nat Haircare WC19 – CCP Nat Haircair-A WC20 – CCP Nat Haircair-B WC19 – CCP Cosmetology-A WC20 – CCP Cosmetology-B WC50 – CCP Cosmetology-C</p> <p>Cosmetology without Nat Haircare WC19 – CCP Cosmetology-A WC20 – CCP Cosmetology-B WC50 – CCP Cosmetology-C</p> <p>Counseling & Mental Health: Counseling & Mntl Hlth I Counseling & Mntl Hlth II ♦</p> <p>Food & Nutrition: Food & Nutrition I Food & Nutrition II ♦</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>	<p><u>3 Career Pathways</u></p> <p>Computer Science Principles: Computer Science I Computer Science II ♦ OR AP Computer Sci Principles</p> <p>Network Security Cyber Security I Cyber Security II ♦</p> <p>Python Programming: Python Programming I Python Programming II ♦</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>	<p><u>3 Career Pathways</u></p> <p>Emergency Medical Technology: Emergency Medical Technology I Emergency Medical Technology II ♦</p> <p>Law and Justice: Law & Justice I Law and Justice II ♦</p> <p>Public Safety: Public Safety I Public Safety II ♦</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>	<p><u>1 Career Pathways</u></p> <p>Welding: CCP Welding CCP Welding</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>	<p><u>1 Career Pathways</u></p> <p>Marketing Management: Marketing I Marketing II ♦</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>	<p><u>1 Career Pathways</u></p> <p>Drafting Engineering: Drafting I Drafting II - Engineering ♦ Career Pathway Major: Drafting III – Engineering</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>	<p><u>4 Career Pathways</u></p> <p>Automotive Services: Automotive Service Fundamentals Automotive Service I Automotive Service II ♦ Career Pathway Major: Automotive Service III</p> <p>Automotive Body Repair (SWH Only): Auto. Body Repair I Auto. Body Repair II ♦ Formerly Collision Repair</p> <p>Diesel Academy (LCO) – (SWHS Only): Diesel Engine Tech I Diesel Engine Tech II ♦ Diesel Engine Tech III</p> <p>Drone Technology: Drone Technology Fundamentals Drone Technology I Drone Technology II ♦</p> <p>Career Pathway Major for all Pathways within Cluster: CTE Advanced Studies CTE Internship CTE Pre-Apprenticeship CTE Apprenticeship</p>
<p>*Students must complete the two or three course sequence under a particular “Career Pathway” to be a CTE Pathway Concentrator.</p> <p>**Concentrator course is designated by the ♦ symbol.</p> <p>Additional CTE Courses can be taken through NCVPS.</p>						








Appendix F CTE Course Pathways Available at Each High School

 Wayne County Public Schools Career & Technical Education	Charles B. Aycock High	Eastern Wayne High	Goldsboro High	Rosewood High	Southern Wayne High	Spring Creek High	Wayne Early Middle High	Wayne High Academy	Wayne School of Engineering	Wayne School of Technical Arts
<p>➤  = School offers a full career pathway of study and/or credential. A full career pathway of study exists when students have the opportunity to become a CTE Concentrator upon completing a two or three course sequence in a career pathway.</p> <p>➤  Nationally recognized credentials/certifications that may be earned in a CTE course.</p> <p>➤ CCP=Career and College Promise, earn high school credit, as well as college credit at WCC (Wayne Community College), JCC (Johnston Community College), or LCC (Lenoir Community College)</p> <p><i>See your Career and Technical Career Development Coordinator, at your school, for more information.</i></p>										
AGRICULTURE, FOOD & NATURAL RESOURCES (Cluster: AGNR)										
Agriculture Education (Program Area: Ag)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Animal Science (Pathway: ANSC)</u> 1. Prerequisite - AA21 - Animal Science I  Youth for the Quality Care of Animals (YQCA) 2. Concentrator - AA22 - Animal Science II-Food Animal  North Carolina Beef Quality Assurance Certification  National Beef Quality Assurance Cow/Calf Certification <u>OR</u> Concentrator - AA23 - Animal Science Companion Animal 3. Wayne Community College (CCP Pathway: WCAG) a. WC01/CCP AGR139 – Intro. to Sust. Agriculture and/or b. WC02/CCP AGR140 – Agriculture Chemicals <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI02 CTE Internship AGNR Animal Sci b. WP02 CTE Pre-apprenticeship AGNR Animal Sci c. WA02 CTE Apprenticeship – AGNR Animal Sci										
<u>Equine Science (Pathway: EQSC)</u> 1. Prerequisite - AA31 – Equine Science I 2. Concentrator - AA32 – Equine Science II  Equine Management and Evaluation Certification 3. Wayne Community College (CCP Pathway: WCAG) a. WC01/CCP ANS115 – Animal Feeds & Nutrition and/or b. WC02/CCP ANS130 – Poultry Production <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI02 CTE Internship AGNR Equine Sci b. WP02 CTE Pre-apprenticeship AGNR Equine Sci c. WA02 CTE Apprenticeship AGNR Equine Sci										

Agriculture Education (Program Area: Ag)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Natural Resources (NARE)</u> 1. Prerequisite – AN51 – Natural Resources I 2. Concentrator – AN53 – Natural Resources II Forestry <i>📄 Certified Forest Worker</i> 3. Wayne Community College (CCP Pathway: WCAG) a. WC01/CCP FOR161 Safety & Woodmanship and/or b. WC02/CCP FOR241 Forest Fire Management <u>AND/OR</u> Work-based Learning (see your school based CDC) c. WI02 CTE Internship AGNR Natural Res d. WP02 CTE Pre-apprenticeship AGNR Natural Res e. WA02 CTE Apprenticeship AGNR Natural Res										
<u>Plant Systems (Pathway: PLSV)</u> 1. Prerequisite - AP41 - Horticulture I Intro to Plants 2. Concentrator - AP42 – Horticulture II Plant Production 3. Wayne Community College (CCP Pathway: WCAG) a. WC01/CCP AGR139 – Intro. to Sust. Agriculture and/or b. WC02/CCP AGR160 Plant Science <u>AND/OR</u> Work-based Learning (see your school based CDC) c. WI02 CTE Internship AGNR Plant Sys d. WP02 CTE Pre-apprenticeship AGNR Plant Sys e. WA02 CTE Apprenticeship AGNR Plant Sys										
<u>Power, Structural, & Tech. Systems (Pathway: PSTE)</u> 1. Prerequisite - AS31 - Agricultural Mechanics I <i>📄 OSHA 10-hour General Industry Safety and Health</i> 2. Concentrator - AS32 - Agricultural Mechanics II <i>📄 Certified Welders per Welding Code AWS D1.1</i> <i>📄 National Safe Tractor and Machinery Operation Certification</i> <u>OR</u> Concentrator - AS33 – Ag Mechanics II Small Engines <i>📄 NC State Competency Exam Certification (Briggs & Stratton)</i> 3. Wayne Community College (CCP Pathway: WCAG) a. WC01/CCP AGR139 – Intro. to Sust. Agriculture and/or b. WC02/CCP AGR140 – Agriculture Chemicals <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI02 CTE Internship AGRN Pwr Str Tech Sys b. WP02 CTE Pre-apprentice AGNR Pwr Str Tech Sys c. WA02 CTE Apprenticeship AGNR Pwr Str Tech Sys										

ARCHITECTURE & CONSTRUCTION (Cluster: ARCH)

<i>Trade and Industrial (Program Area: T&I)</i>	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Carpentry (Pathway: CARP)</u> 1. Foundation - IC00 - Construction Core <i>▮ NC NCCER - Construction Core</i> <i>▮ OSHA 10-hour Construction Safety and Health</i> 2. Prerequisite - IC21 - Carpentry I <i>▮ NC NCCER - Carpentry I</i> 3. Concentrator - IC22 - Carpentry II <i>▮ NC NCCER - Carpentry II</i> 4. Major (Optional) - IC23 - Carpentry III <i>▮ NC NCCER - Carpentry III</i> <u>AND/OR</u> Wayne Community College (CCP Pathway: WCAC) a. WC03/CCP ISC121 Envir Hlth & Safety and/or b. WC04/CCP ISC210 Oper & Prod Planning <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI03 CTE Internship ARCH Carpentry b. WP03 CTE Pre-apprentice ARCH Carpentry c. WA03 CTE Apprenticeship ARCH Carpentry										
<u>Drafting Architectural (Pathway: DRFA)</u> 1. Prerequisite - IC61 – Drafting I <i>▮ Autodesk Certified User AutoCAD</i> 2. Concentrator - IC62 – Drafting II – Architectural <i>▮ Autodesk Certified User Revit</i> 3. Major(Optional) - IC63 – Drafting III – Architectural <i>▮ Autodesk Certified Professional Revit</i> <u>AND/OR</u> Wayne Community College (CCP Pathway: WCAC) a. WC03/CCP MEC145 Manufacturing Materials I and/or b. WC04/CCP DFT154 Intro to Solid Modeling <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI03 CTE Internship ARCH Drafting b. WP03 CTE Pre-apprentice ARCH Drafting c. WA03 CTE Apprenticeship ARCH Drafting										

Trade and Industrial (Program Area: T&I)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Electrical Trades (Pathway: ELTR)</u> 1. Foundation - IC00 - Construction Core <i>▮ NC NCCER - Construction Core</i> <i>▮ OSHA 10-hour Construction Safety and Health</i> 2. Prerequisite - IC41 - Electrical Trades I <i>▮ NC NCCER - Electrical Trades I</i> 3. Concentrator - IC42 - Electrical Trades II <i>▮ NC NCCER - Electrical Trades II</i> 4. Major(Optional) - IC43 - Electrical Trades III <i>▮ NC NCCER - Electrical Trades III</i> <u>AND/OR</u> Wayne Community College (CCP Pathway: WCAC) a. WC03/CCP ELC111 Intro to Electricity and/or b. WC04/CCP ELC120 Intro to Wiring <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI03 CTE Internship ARCH Electrical b. WP03 CTE Pre-apprentice ARCH Electrical c. WA03 CTE Apprenticeship ARCH Electrical										
<u>HVAC-R (Pathway: HVAC)</u> 1. Foundation - IC00 - Construction Core <i>▮ NC NCCER - Construction Core</i> <i>▮ OSHA 10-hour Construction Safety and Health</i> 2. Prerequisite - IC31 - HVAC-R I <i>▮ NC NCCER - HVACR I</i> 3. Concentrator - IC32 - HVAC-R II <i>▮ NC NCCER - HVACR II</i> 4. Major (Optional) - IC33 - HVAC-R III and/or <i>▮ NC NCCER - HVACR II</i> <u>AND/OR</u> Wayne Community College (CCP Pathway: WCAC) a. WC03/CCP AHR110 Intro to Refrigeration and/or b. WC04/CCP AHR111 HVACR Electricity <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI03 CTE Internship ARCH HVACR b. WP03 CTE Pre-apprentice ARCH HVACR c. WA03 CTE Apprenticeship ARCH HVACR										
<u>Interior Design (Pathway: INDE)</u> 1. Prerequisite - FI21 – Interior Design Fundamentals 2. Concentrator - FI22 – Interior Design Studio <i>▮ Pre-Professional Certification in Interior Design Fundamentals</i> 3. Wayne Community College (CCP Pathway: WCAC) a. WC03/CCP DFT151 CAD I and/or b. WC04/CCP DFT154 Intro to Solid Modeling <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI03 CTE Internship ARCH Interior Dgn b. WP03 CTE Pre-apprentice ARCH Interior Dgn c. WA03 CTE Apprenticeship ARCH Interior Dgn										

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS (Cluster: AAVC)
Computer Science & Info. Technology (Program Area: CSIT)
Family & Consumer Science (Program Area: FCS)

CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
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Adobe Academy (Pathway: ADAC)

- Prerequisite - CD10 – Adobe Visual Design I
Adobe Cert Prof - Graphic Design & Illustration Certificate (Illustrator)
Adobe Certified Professional - Visual Communication (Photoshop)
- Concentrator - CD11 – Adobe Visual Design II
Adobe Cert Prof - Print & Digital Media Pub Certificate (InDesign)
OR
 Concentrator - CD12 – Adobe Digital Design I
Adobe Cert Prof - Web Auth Using Adobe Dreamweaver
- Wayne Community College (CCP Pathway: WCAR)
 - WC05/CCP SGD111 Intro to Simul & Game Dev and/or
 - WC06/CCP SGD174 Simul & Game Dev Level Dgn

AND/OR

Work-based Learning (see your school based CDC)

- WI01 CTE Internship AAVC Adobe
- WP01 CTE Pre-apprentice AAVC Adobe
- WA01 CTE Apprenticeship AAVC Adobe


Computer Science & Info. Technology (Program Area: CSIT)
Family & Consumer Science (Program Area: FCS)

CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
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Apparel and Textile Production (Pathway: ATPR)

- Prerequisite - FA31 Apparel & Textile Production I
- Concentrator - FA32 Apparel & Textile Production II
Pre-Professional Certification in Fashion, Textiles, and Apparel
- Wayne Community College (CCP Pathway: WCAR)
 - WC05/CCP SGD111 Intro to Simul & Game Dev and/or
 - WC06/CCP SGD174 Simul & Game Dev Level Dgn

AND/OR

Work-based Learning (see your school based CDC)

- WI01 CTE Internship AAVC Appar Txtl Prod
- WP01 CTE Pre-apprentice AAVC Appar Txtl Prod
- WA01 CTE Apprenticeship AAVC Appar Txtl Prod



BUSINESS MANAGEMENT & ADMINISTRATION (Cluster: BMA)
Business, Finance, & Marketing Education (Program Area: BFM)

CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
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Entrepreneurship (Pathway: ENTRE)

1. Prerequisite - ME11 – Entrepreneurship I
📖 Venture Entrepreneurial Expedition
2. Concentrator - ME12 – Entrepreneurship II
📖 Entrepreneurship and Small Business
3. Wayne Community College (CCP Pathway: WCBM)
 - a. WC07/CCP BUS110 Intro to Business and/or
 - b. WC08/CCP MKT120 Intro to Marketing

AND/OR

Work-based Learning (see your school based CDC)

- a. WI04 CTE Internship BMA Entrepren
- b. WP04 CTE Pre-apprentice BMA Entrepren
- c. WA04 CTE Apprenticeship BMA Entrepren


General Management (Pathway: GMGT)

1. Foundation - BF10 – Business Essentials
2. Prerequisite - BB40 - Business Management I
3. Concentrator - BB42 – Business Management II
4. Wayne Community College (CCP Pathway: WCBM)
 - a. WC07/CCP BUS110 Intro to Business and/or
 - b. WC08/CCP MKT120 Intro to Marketing

AND/OR

Work-based Learning (see your school based CDC)

- a. WI04 CTE Internship BMA Gen Mgt
- b. WP04 CTE Pre-apprentice BMA Gen Mgt
- c. WA04 CTE Apprenticeship BMA Gen Mgt


Project Management (Pathway: PMGT)










1. Prerequisite - GS11 – Project Management I
2. Concentrator - GS12 – Project Management II
📖 PMI Project Management Ready
3. Wayne Community College (CCP Pathway: WCBM)
 - a. WC07/CCP BUS110 Intro to Business and/or
 - b. WC08/CCP MKT120 Intro to Marketing










AND/OR












Work-based Learning (see your school based CDC)

- a. WI04 CTE Internship BMA Proj Mgt
- b. WP04 CTE Pre-apprentice BMA Proj Mgt
- c. WA04 CTE Apprenticeship BMA Proj Mgt










FINANCE (Cluster: FINA)										
Business, Finance, & Marketing Education (Program Area: BFM)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Accounting (Pathway: ACCT)</u> 1. Prerequisite - BA10 – Accounting I 2. Concentrator - BA20 – Accounting II <i>📄 Intuit Quickbooks Certified User</i> 4. Wayne Community College (CCP Pathway: WCFN) a. WC11/CCP BUS110 Intro to Business and/or b. WC12/CCP CTS130 Spreadsheet <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI06 CTE Internship FINA Accounting b. WP06 CTE Pre-apprentice FINA Accounting c. WA06 CTE Apprenticeship FINA Accounting										
HEALTH SCIENCE (Cluster: HLTH)										
Health Science Education (Program Area: HS)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Biomedical Technology (Pathway-BTCP)</u> 1. Prerequisite - HU40 – Health Science I <i>📄 First Aid</i> 2. Concentrator - HB11 – Biomedical Technology 3. Wayne Community College (CCP Pathway: WCHL) a. WC15/CCP MED121 Medical Terminology I and/or b. WC16/CCP OST149 Medical Legal Issues <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI08 CTE Internship HLTH Biomed Tech b. WP08 CTE Pre-apprentice HLTH Biomed Tech c. WA08 CTE Apprenticeship HLTH Biomed Tech										
<u>Healthcare Professional (Pathway: HPCP)</u> 1. Prerequisite - HU40 – Health Science I <i>📄 First Aid</i> 2. Concentrator -HU42 – Health Science II <i>📄 Basic Life Support (BLS)Credential</i> <i>📄 OSHA 10-hour General Industry Safety and Health</i> <i>📄 Stop the Bleed</i> <i>📄 10 Hr. Occupational Safety & Health Administration Credential</i> 3. Wayne Community College (CCP Pathway: WCHL) a. WC15/CCP NAS102 Nurse Aide Level II Student may cross enroll at either Southern Wayne High or Eastern Wayne High <i>📄 Certified Nursing Assistant Credential (CNA)</i> b. WC16/CCP OST149 Medical Legal Issues <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI08 CTE Internship HLTH Healthcare Prof b. WP08 CTE Pre-apprentice HLTH Healthcare Prof c. WA08 CTE Apprenticeship HLTH Healthcare Prof										







HOSPITALITY & TOURISM (Cluster: HOSP)										
Business, Finance, & Marketing (Program Area: BFM) Family & Consumer Science (Program Area: FCS)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
Hospitality & Tourism Management (Pathway: HOTM) 1. Prerequisite - FH31 – Hospitality & Tourism Management I <i>📍 American Hotel & Lodging Assoc Certified Guest Service Professional</i> 2. Concentrator - FH32 – Hospitality & Tourism Mgt. II <i>📍 Hospitality and Tourism Specialist</i> 3. Wayne Community College (CCP Pathway: WCHT) a. WC17/CCP BUS110 Intro to Business and/or b. WC18/CCP BUS115 Business Law I and/or c. WC18/CCP BUS137 Principles of Management <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI09 CTE Internship HOSP Tourism Mgt b. WP09 CTE Pre-apprentice HOSP Tourism Mgt c. WA09 CTE Apprenticeship HOSP Tourism Mgt										
Sports & Event Marketing (Pathway: SEMK) 1. Prerequisite - MH31 – Sport & Event Marketing I 2. Concentrator - MH32 – Sport & Event Marketing II 3. Wayne Community College (CCP Pathway: WCHT) a. WC17/CCP BUS110 Intro to Business and/or b. WC18/CCP BUS115 Business Law I and/or c. WC18/CCP BUS137 Principles of Management <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI09 CTE Internship HOSP Sport Event Mkt b. WP09 CTE Pre-apprentice HOSP Sport Event Mkt c. WA09 CTE Apprenticeship HOSP Sport Event Mkt										
HUMAN SERVICES (Cluster: HUMA)										
Family & Consumer Science (Program Area: FCS)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
Cosmetology with Natural Hair Care (Pathway: COSM) 1. Wayne Community College (CCP Pathway: WCHU) <i>Students may cross enroll at Goldsboro High. Additionally, students will be online at Civella Beauty Academy.</i> a. WC19 – CCP Natural Hair Care-A <i>Offered in the fall semester</i> b. WC20 – CCP Natural Hair Care-B <i>Offered in the spring semester</i> c. WC19 – CCP Cosmetology-A <i>Offered in the fall semester</i> d. WC20 – CCP Cosmetology-B <i>Offered in the Spring Semester</i> e. WC50 – CCP Cosmetology-C <i>Part C will may need to be completed at WCC after high school graduation</i>										








Family & Consumer Science (Program Area: FCS)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Cosmetology w/o Natural Hair Care (Pathway: COSM)</u> 1. Wayne Community College (CCP Pathway: WCHU) <i>Students may cross enroll at Goldsboro High. Additionally, students will be online at Civella Beauty Academy.</i> a. CCP WC19 – Cosmetology-A <i>Offered in the fall semester</i> b. CCP WC20 – Cosmetology-B <i>Offered in the spring semester</i> c. CCP WC50 – Cosmetology-C <i>Semester may vary</i>										
<u>Counseling and Mental Health (Pathway: CMHC)</u> 1. Prerequisite - FC13 – Counseling & Mental Health I 2. Concentrator - FC14 – Counseling & Mental Health II <i>📄 Pre-Professional Certification in Family & Community Service</i> 3. Wayne Community College (Pathway: WCHU) a. WC19/CCP EDU153 Health, Safety & Nutrition and/or b. WC20/CCP EDU146 Child Guidance <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI09 CTE Internship HUMA Couns Mntl Hlth b. WP09 CTE Pre-apprentice HUMA Couns Mntl Hlth c. WA09 CTE Apprenticeship HUMA Couns Mntl Hlth										
<u>Food and Nutrition (Pathway: FONU)</u> 1. Prerequisite - FN41 – Food & Nutrition I <i>📄 ANSI - Accredited Food Handler Certificate</i> 2. Concentrator - FN42 – Food & Nutrition II <i>📄 ANSI - Accredited Food Protection Manager Certification</i> <i>📄 Pre-Professional Certification in Nutrition, Food, and Wellness</i> 3. Lenoir Community College (CCP Pathway: WCHU) a. WC19/CCP CUL160 Baking I and/or b. WC20/CCP CUL240 Baking II <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI09 CTE Internship HUMA Food Nutrition b. WP09 CTE Pre-apprentice HUMA Food Nutrition c. WA09 CTE Apprenticeship HUMA Food Nutrition										

INFORMATION TECHNOLOGY (Cluster: INFO)

Computer Science & Information Technology (Program Area: CSIT)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Computer Science Principles (Pathway-CSPR)</u> 1. Prerequisite - CS20 Computer Science I 2. Concentrator - 0A02 AP Computer Science Principles <u>OR</u> Concentrator - CS21 Computer Science II 3. Wayne Community College (CCP Pathway: WCIT) a. WC21/CCP CTI120 Network and Security Found. and/or b. WC22/CCP CTS115 Info Sys Business Concepts <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI11 CTE Internship INFO Comp Sci Princ b. WP11 CTE Pre-apprentice INFO Comp Sci Princ c. WA11 CTE Apprenticeship INFO Comp Sci Princ										
<u>Network Security (Pathway: NESE)</u> 1. Prerequisite – CI30 Cybersecurity I 2. Concentrator – CI31 Cybersecurity II <u>OR</u> 3. Wayne Community College (CCP Pathway: WCIT) a. WC21/CCP b. WC22/CCP <u>AND/OR</u> Work-based Learning (see your school based CDC) c. WI11 CTE Internship INFO Network Security d. WP11 CTE Pre-apprentice INFO Network Security e. WA11 CTE Apprenticeship INFO Network Security										
<u>Python Programming (Pathway: PYPR)</u> 1. Prerequisite - CP10 Python Programming I <i>Information Technology Specialist: Python</i> <i>PCEP - Certified Entry-level Python Programmer</i> 2. Concentrator - CP11 Python Programming II <i>PCAP Certified Associate in Python Programming</i> 3. Wayne Community College (CCP Pathway: WCIT) a. WC21/CCP CTI120 Network and Security Found. and/or b. WC22/CCP CTS115 Info Sys Business Concepts <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI11 CTE Internship INFO Python b. WP11 CTE Pre-apprentice INFO Python c. WA11 CTE Apprenticeship INFO Python										

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY (Cluster: LAW)

Trade & Industry (Program Area: T&I)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Emergency Medical Technology (Pathway: EMMT)</u> 1. Prerequisite - IP21 - Emergency Medical Technology I <i>▮ National Incident Management System</i> <i>▮ BLS Provider</i> <i>▮ Emergency Medical Responder (EMR)</i> <i>▮ Stop the Bleed</i> 2. Concentrator - IP22 - Emergency Medical Technology II <i>▮ Traffic Incident Management (TIMS)</i> <i>▮ Emergency Medical Technician (EMT)</i> 3. Wayne Community College (CCP Pathway WCLW) a. WC23/CCP EMS130 Pharmacology and/or b. WC24/CCP EMS131 Advanced Airway Mgt <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI12 CTE Internship LAW Em Med Tech b. WP12 CTE Pre-apprentice LAW Em Med Tech c. WA12 CTE Apprenticeship LAW Em Med Tech										
<u>Law and Justice (Pathway: LAWJ)</u> 1. Prerequisite - IP41 – Law & Justice I <i>▮ National Law Enforcement Certification SPSS</i> 2. Concentrator - IP42 – Law & Justice II <i>▮ Certified Protection Officer (CPO)</i> 3. Wayne Community College (CCP Pathway WCLW) a. WC23/CCP CJC131 Criminal Law and/or b. WC24/CCP EPT124 EM Services Law & Ethics <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI12 CTE Internship LAW Justice b. WP12 CTE Pre-apprentice LAW Justice c. WA12 CTE Apprenticeship LAW Justice										
<u>Public Safety (Pathway: PSPW)</u> 1. Prerequisite - IP11 – Public Safety I <i>▮ National Incident Management System</i> <i>▮ Law and Public Safety Introductory Competency</i> 2. Concentrator - IP12 – Public Safety II <i>▮ National Basic 9-1-1 Dispatch Certification</i> <i>▮ Community Emergency Response Team (CERT)</i> 3. Wayne Community College (CCP Pathway WCLW) a. WC23/CCP CJC131 Criminal Law and/or b. WC24/CCP EPT140 Emergency Management <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI12 CTE Internship LAW Public Sfty b. WP12 CTE Pre-apprentice LAW Public Sfty c. WA12 CTE Apprenticeship LAW Public Sfty										

MANUFACTURING (Cluster: MANU)										
Trade & Industry (Program Area: T&I)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Welding (CCP Pathway: WCMN)</u> <i>Students may cross enroll at Southern Wayne High.</i> <ol style="list-style-type: none"> Wayne Community College (CCP Pathway WCMN) <ol style="list-style-type: none"> WC25/CCP ##### Basic Welding I @ SWH WC26/CCP ##### Basic Welding II @ SWH WC26/CCP ##### Advanced Welding @ SWH <i>Additional welding courses may be offered as evening classes at Southern Wayne High.</i> <p><u>AND/OR</u></p> <p>Work-based Learning (see your school based CDC)</p> <ol style="list-style-type: none"> WI13 CTE Internship MANU Welding WP13 CTE Pre-apprentice MANU Welding WA13 CTE Apprenticeship MANU Welding 										
MARKETING (Cluster: MRKT)										
Business, Finance, & Marketing (Program Area: BFM)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Marketing Management (Pathway-MMGT)</u> <ol style="list-style-type: none"> Prerequisite - MM51 – Marketing I  <i>CIW Social Media Strategist</i> Concentrator - MM52 – Marketing II  <i>Business of Retail Certified Specialist</i> Wayne Community College (CCP Pathway WCBM) <ol style="list-style-type: none"> WC27/CCP BUS137 Principles of Management <p>and/or</p> <ol style="list-style-type: none"> WC27/CCP BUS115 Business Law I and/or WC28/CCP BUS110 Introduction to Business <p><u>AND/OR</u></p> <p>Work-based Learning (see your school based CDC)</p> <ol style="list-style-type: none"> WI14 CTE Internship MRKT Management WP14 CTE Pre-apprentice MRKT Management WA14 CTE Apprenticeship MRKT Management 										

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (Cluster: STEM)

Trade and Industry (Program Area: T&I)

Drafting Engineering (Pathway: DREN)

1. Prerequisite - IC61 – Drafting I
Autodesk Certified User AutoCAD
2. Concentrator - IV22 – Drafting II – Engineering
Autodesk Certified User in Inventor for Mechanical Design
Autodesk Certified User Fusion 360
3. Major (Optional) – IC23 – Drafting III – Engineering and/or
Autodesk Certified Professional in Inventor for Mechanical Design

AND/OR

Wayne Community College (CCP Pathway WCST)

- a. WC29/CCP MEC145 Mfg Materials I and/or
- b. WC30/CCP DFT231 Jif & Fixture Design

AND/OR

Work-based Learning (see your school based CDC)

- a. WI15 CTE Internship STEM Drafting Eng
- b. WP15 CTE Pre-apprentice STEM Drafting Eng
- c. WA15 CTE Apprenticeship STEM Drafting Eng

TRANSPORTATION, DISTRIBUTION, & LOGISTICS (TRAN)

Trade and Industry (Program Area: T&I)




Automotive Service (Pathway: AUTO)

1. Foundation - IT11 – Automotive Service Fundamentals
S/P2 Automotive Service Safety
S/P2 Automotive Service Pollution Prevention
Automotive Lift Institute - Lifting It Right: School Edition
2. Prerequisite - IT16 – Automotive Service I
3. Concentrator - IT17 – Automotive Service II
ASE Entry-Level Certification - Maintenance and Light Repair
4. Major (Preferred) - IT18 – Automotive Service III
ASE Entry-Level Certification – Electrical/Electronic Systems
5. Wayne Community College (CCP Pathway WCTD)
 - a. WC31/CCP TRN111 Chassis Main/Light Repair and/or
 - b. WC32/CCP TRN112 Powertrain Main/Light Repair

AND/OR

Work-based Learning (see your school based CDC)

- a. WI16 CTE Internship TRAN Auto
- b. WP16 CTE Pre-apprentice TRAN Auto
- c. WA16 CTE Apprenticeship TRAN Auto

Trade and Industry (Program Area: T&I)	CBA	EWB	GHS	RHS	SWH	SCH	WEMH	WHA	WSE	WSTA
<u>Collision Repair (Pathway: COLL)</u> 1. Foundation - IT30 - Collision Repair Fundamentals <i>▮ S/P2 Collision Repair and Refinish Safety</i> <i>▮ S/P2 Collision Repair and Refinish Pollution Prevention</i> 2. Prerequisite - IT31 - Collision Repair I 3. Concentrator - IT32 - Collision Repair II – Non-Structural <i>▮ I-CAR Platinum ProLevel 1 for Non-Structural</i> <u>OR</u> Concentrator - IT33 – Collision Repair II – Refinishing <i>▮ I-CAR Platinum ProLevel 1 for Refinishing</i> <i>▮ ASE Entry-Level Certification - Painting and Refinishing</i> 4. Wayne Community College (CCP Pathway WCTD) a. WC31/CCP TRN180 Basic Welding for Transp and/or b. WC32/CCP AUB121 Non-Structural Damage I <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI16 CTE Internship TRAN Collision b. WP16 CTE Pre-apprentice TRAN Collision c. WA16 CTE Apprenticeship TRAN Collision										
<u>Diesel Technology I (Pathway: DITC)</u> 1. Prerequisite - IL50 – Diesel Mechanics I 2. Concentrator - IL51 – Diesel Mechanics II 3. Major (Preferred) IL52 – Diesel Mechanics III and/or <i>▮ NC3: Battery Charging Certification,</i> <i>▮ NC3: Battery Maintenance & Engine Starting Certification, and</i> <i>▮ NC3: Battery Starting Charging System Diagnostic Certification</i> 4. Johnston Community College (CCP Pathway WCTD) a. WC31/CCP TRN170 PC Skills for Transportation and/or b. WC32/CCP HET114 Power Trains <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI16 CTE Internship TRAN Diesel Tech b. WP16 CTE Pre-apprentice TRAN Diesel Tech c. WA16 CTE Apprenticeship TRAN Diesel Tech										
<u>Drone Technology (Pathway: DRON)</u> 1. Foundation – ID10 – Drone Technology Fundamentals <i>▮ FAA Trust Certification</i> 2. Prerequisite - ID11 – Drone Technology I <i>▮ CFR 14 Part 107 UAS Remote Pilot Certification</i> 3. Concentrator - ID12 – Drone Technology II <i>▮ NFPA 2400 - Standard for Sm Unmanned Aircraft Systems Certification</i> <i>▮ Environmental Systems Research Institute Drone2Map Certification</i> 5. Lenoir Community College (CCP Pathway WCTD) a. WC31/CCP AER110 Air Navigation and/or b. WC32/CCP AER150 Private Pilot Fit Theory <u>AND/OR</u> Work-based Learning (see your school based CDC) a. WI16 CTE Internship TRAN Drone Tech b. WP16 CTE Pre-apprentice TRAN Drone Tech c. WA16 CTE Apprenticeship TRAN Drone Tech										

Career and College Promise (CCP)

As defined by the NC Department of Education, “Career & College Promise (CCP) is North Carolina’s dual enrollment program for high school students. This program allows eligible NC high school students to enroll in college classes at North Carolina community colleges and universities through their high school. Students who successfully complete college courses earn college credit they can take with them after graduation. In many cases, students can also earn dual credit — meeting high school graduation requirements with college courses.”

Got more questions? Refer to [NC Department of Public Instruction’s CCP website](#). [NC Department of Public Instruction’s CCP website](#). If interested, parents and students should seek assistance via their school CTE Career Development Coordinator or School Counselor.

CTE Career Development Coordinators:

- Charles B. Aycock High: Joy Yelverton
joyyolverton@wcps.org
- Eastern Wayne High: Julie Brown
juliebrown@wcps.org
- Goldsboro High: Julie Brown
juliebrown@wcps.org
- Rosewood High: Amanda McMurray
amandamcmurray@wcps.org
- Southern Wayne High: Sharon Nethercutt
sharonnethercutt@wcps.org
- Spring Creek High: Suzanne Harrell
suzanneharrell@wcps.org
- Wayne Early Middle High: Amy Howell
amyhowell@wcps.org
- Wayne School of Engineering: Julie Brown
juliebrown@wcps.org
- Wayne School of Technical Arts: Julie Brown
juliebrown@wcps.org
- Middle Schools: Jessica Caver
jessicacaver@wcps.org

Work-based Learning (WBL)

All pathways in WCPS shall offer WBL opportunities. These include, but are not limited to, guest speakers, job fairs, field trips, job shadowing, co-ops, internships, pre-apprenticeships, apprenticeships, and more, when and where available. If you are not sure if a career is for you and want to “try” out a career before sinking time and resources in it—consider a WBL opportunity. These can be paid or unpaid. Furthermore, you can earn high school credit while taking advantage of these opportunities.

Have questions, here are some [Frequently Asked Questions about WBL](#).

Appendix G

LOCAL ARTICULATION AGREEMENT Wayne County Public Schools to Wayne Community College 2024-2025

To receive credit through the High School/Community College Articulation Agreement (HS/CC AA), the articulated course(s) must be included in a selected program of study. Additionally, student must enroll in a NC Community College within two years of high school graduation and meet the following criteria:

- Final grade of **B or higher** in the high school course AND
- Proof of Learning (POL)
 - CTE post assessment (CTESA)
 - Score 90 or higher
 - Performance-based Measurement (PBM)
 - Meets course proficiency
 - Industry Credentials (credential)
 - Courses that have industry credentials as proof of learning will follow the procedure for credit for prior learning as outlined in NC Community College System Curriculum procedure reference manual.

Program Area	Wayne County Public Schools (Course Code & Course Title OR Credential)	Wayne Community College (Course Code & Course Title)
Agricultural Education	AS32 – Agricultural Mechanics II (CTESA)	AGR 111 – Basic Farm Maintenance
	AA22 – Animal Science II (CTESA)	ANS 110 – Animal Science
Business, Finance, & Marketing Education	BA10 – Accounting I (CTESA) AND BA20 – Accounting II (CTESA)	ACC 120 – Prin. of Financial Accounting
	MM51 – Marketing (PBM) OR MH31 – Sports & Entertainment Marketing I (PBM) OR FH31- Hospitality & Tourism Management. I (PBM)	MKT 120 – Principles of Marketing
	BB40 - Business Management I (CTESA) AND BB42 - Business Management II (CTESA)	BUS 137 – Principles of Management

	MI31 Sales I (PBM)	MKT 123- Fund. of Selling
	ME11 Entrepreneurship I (PBM)	BUS 139- Entrepreneurship I OR ETR 210- Intro. To Entrepreneurship
Computer Science & Information Technology Education	CC11- Microsoft Excel Honors (credential)	CTS 130 – Spreadsheet AND CTS 230- Advanced Spreadsheet
	CS10-Introduction to Computer Science (PBM)	CSC 119- Programming Orientation
	CS21- Computer Science II (PBM)	CSC 120- Computing Fundamentals I OR CSC 143- Object-Oriented Programming
	CD12- Adobe Digital Design I (credential)	DME 110- Intro to Digital Media
	CD14- Adobe Video Design I (credential)	DME 140- Intro to Audio/ Video Media
	FN41 – Food and Nutrition I (CTESA) AND FN42 – Food and Nutrition II (CTESA)	CUL112 – Nutrition for Food Service and CUL 112 – Nutrition for Food Service Lab
	FI23 – Interior Design Technology (CTESA)	ARC114- Architectural CAD
	FC13- Counseling and Mental Health I (PBM)	HSE110- Intro to Human Services
Family and Consumer Sciences Education	FC14 – Counseling & Mental Health II (credential)	HSE 120 – Interpersonal Relations
	HU42 – Health Science II (PBM)	HEA112 – First Aid & CPR
	*Student must make “B or higher” in course: IC61 – Drafting I (credential)	DFT 111 – Technical Drafting I AND DFT111A Technical Drafting Lab
	*Student must make “B” in both courses: IV22 – Drafting Engineering (credential) AND IC61 – Drafting I	DFT151- CAD I

	IV23 – Drafting III – Engineering (credential)	DFT112- Technical Drafting II AND DFT112A Technical Drafting II Lab • <i>Must receive credit for DFT 111 before receiving credit for DFT 112</i>
	*Student must earn following credential: Autodesk Certified User AutoCAD (along with "B or Higher" in IC61 - Drafting I)	DFT 151 – CAD I
	IC00 Construction Core (NCCER Credential) AND IC41 Electrical Trades I (Credential) AND IC42 Electrical Trades II (Credential)	ELC 113- Residential Wiring
	IC00 Construction Core AND IC11 Masonry I (credential) AND IC12 Masonry II (credential)	MAS 110- Masonry I
	IC13 Masonry III (credential)	MAS 110- Masonry I
	IT16 Automotive Service I (CTESA) AND IT17 Automotive Service II (CTESA) AND IT18 Automotive Service III (CTESA) • <i>Must complete MLR Task List</i>	TRN170- PC Skills for Transportation AND TRN110- Intro to Transportation Technology
	IT30 Collision Repair Fundamentals (CTESA)	TRN170- PC Skills for Transportation
	IT30 Collision Repair Fundamentals (CTESA) AND IT31 Collision Repair I (CTESA) AND IT32 Collision Repair II- Non-structural (credential)	TRN 110- Intro to Transportation Technology
	IT30 Collision Repair Fundamentals AND IT31 Collision Repair I AND	TRN 110- Intro to Transportation Technology

	IT33 Collision Repair II - Refinishing (credential)	
	IC00 Construction Core AND IC21 Carpentry I (credential)	CAR 110- Intro to Carpentry OR WOL 110 – Basic Construction Skills OR CST 111- Construction I
	IC22 Carpentry II (credential)	CST 111- Construction I
	IC23 Carpentry III (credential)	CST 112- Construction II
	IM61 – Welding Technology I (CTESA)	WLD 110 – Cutting Processes
	IM61 Welding Technology I AND IM62 Welding Technology II (credential)	WLD 110- Cutting Processes AND WLD 115 – SMAW (Stick) Plate
	IM63 Welding Technology III (credential)	WLD 121- GMAW (MIG)
	IC00 Construction Core (credential) AND IL55 HVAC/R I (credential) AND IL56 HVAC/R II (credential)	AHR110-Introduction to Refrigeration
	IP11 Public Safety I (credential) AND IP41 Law Enforcement I (credential) AND IP42 Law Enforcement II (credential)	CJC111- Intro to Criminal Justice

Wayne County Public Schools Three-Year Accelerated/Compacted Graduation Information

Wayne County Public Schools, in accordance with state statutes, offers students and their parents the opportunity to choose an accelerated/compacted graduation pathway which would allow the student to graduate in three years. The three-year pathway is intended for students who want to graduate early and pursue post-secondary education, a career, and/or military enlistment a year earlier than students on the traditional four-year pathway.

Students that graduate in three years may be eligible for an “Early Graduation Scholarship” if the student meets the required criteria, which includes the following:

1. Graduate from high school in three years
2. Qualify as a resident for tuition purposes, as determined through NC RDS (Residency Determination Service)
3. Meet the admissions requirements for the student’s selected North Carolina community college or university within the North Carolina university system.
4. Complete and submit FAFSA (Free Application for Federal Student Aid)

Key topics students and parents interested in this accelerated pathway should consider:

- **Pathway intentions:** This pathway is intended for students seeking to graduate a year early to transition into higher education, employment or enlistment in the armed forces.
- **Doubling up of courses:** The accelerated pathway will require students to “double up” on math, English and social studies courses in at least two of the three years of high school.
- **AP Courses:** The opportunity to take a greater number of AP and advanced-level courses (which may be important for admission into top-tier colleges and universities) may be limited due to the compacted requirements of the graduation pathway.
- **Electives:** Students who select the accelerated pathway will NOT be able to take as many elective courses as traditional high school students due to the compacted requirements of the graduation pathway.
- **4th-Year Athletics & Extracurriculars:** Students who select the 3-year accelerated pathway will NOT be eligible to participate in a 4th year of athletics and extracurricular activities after they graduate.
- **4th-Year Support Services:** Students that select the 3-year accelerated pathway will NOT be eligible for a 4th year of WCPS support services, including, but not limited to, the school breakfast/lunch program and school counseling services.