

Burke County Public Schools High School Course Offerings 2015-2016



It is the policy of Burke County Public Schools not to discriminate on the basis of age, sex, race, handicap or national origin in its education program activities. Because of student interest, funding, and scheduling, course offerings may vary from year to year.

Burke County Public Schools Mission & Vision

Statement of Mission

The mission of Burke County Public Schools is to educate diverse learners, nurture their potential, and empower them to be competitive, successful, and productive citizens.

Vision Statement

Burke County Public Schools, a world-class model of exemplary education, inspires students to be life-long learners who can compete successfully on the global stage while contributing to their community as productive citizens.

Remember:

Students should select a course of study carefully with career and/or college requirements in mind. Students planning for college should check college catalogues for specific entrance requirements and select high school courses accordingly.

To receive a diploma, students must meet both state and local graduation requirements.

Admission requirements to the sixteen University of North Carolina branches vary from college to college. The campuses are unique in their program offerings, admission requirements, student body, campus life, and historical background. All require high school graduation or a high school equivalency certificate, a transcript showing all courses taken and grades received, SAT or ACT scores, and a non-refundable application fee.

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Burke County Public Schools Graduation Requirements

Burke County Public Schools graduation requirements exceed State requirements

Subject	Number of Credits Required
English	4 Credits
Mathematics	4 Credits
Science	3 Credits Biology, Earth/Environmental, and a Physical Science
Social Studies	4 Credits World History, American History (2 courses), Civics and Economics
Communication Skills	1 Credit
Health and Physical Education	1 Credit Successful completion of CPR instruction
Career and Technical	1 Credit
Fine Arts	1 Credit
Other Electives	9 - Credits Class of 2016 and beyond
Total	28 Credits
Total Possible	32 Credits

COLLEGE AND CAREER READY

Graduating College and Career Ready

It's not unusual for students to change their minds about a major decision that will affect the rest of their lives. Some students know early what they want to do after high school. Others may not make that decision until much later. That's why the courses students take in high school matter. High school is their best chance to prepare for whatever they decide to do as adults. The College and Career Ready Core was developed to provide students with a strong academic foundation so they will have as many options as possible after graduation from high school. By taking a balanced schedule of academic courses and electives, students will be ready for work and/or college.

			NC Academic Scholars Program
CONTENT AREA	OCCUPATIONAL Course of Study requirements** (Selected IEP students excluded from EOC Proficiency Level requirements)	COLLEGE AND CAREER READY CORE For ninth graders entering high school 2009 to present	<ul style="list-style-type: none"> Complete all the requirements of NC Academic Scholars Program Overall four-year un-weighted GPA of 3.500 Complete requirements for a NC high school diploma
English	4 Credits Occupational English I, II, III, IV	4 Credits I, II, III, IV	4 Credits English I, II, III, IV
Mathematics	3 Credits OCS Intro Math OCS Math I OCS Financial Management	4 Credits Math I, II, III and 4th Math course to be aligned with the student's post high school plans	4 Credits Math I, II, III and a higher level math
Science	2 Credits OCS Applied Science OCS Biology	3 Credits A physical science course, Biology, Earth/Environmental Science	3 Credits Physics or Chemistry, Biology, and an Earth/Environmental Science
Social Studies	2 Credits OCS American History I OCS American History II	4 Credits (Class of 2016 and beyond) World History, American History (2 courses), Civics & Economics	4 Credits World History American History (2 courses) Civics & Economics
Second Languages	Not required	Not required for high school graduation. A 2-credit minimum is required for admission to a university in the UNC system.	2 Credits Two elective credits of the same language required for the UNC system
Communication Skills *	Not required	1 Credit	Not required
Health and Physical Education	1 Credit	1 Credit	1 Credit
Career and Technical *	4 Credits *** Career/Technical Electives	1 Credit	4 Elective Credits constituting a concentration recommended from one of the following: (CTE, JROTC, Arts Education, World Languages, or any other subject area).
Fine Arts Ed. (Dance, Music, Visual Arts, Theater Arts)*	1 Credit	1 Credit	
JROTC	Not required	Not required	
Electives	10 Elective Credits Occupational Preparation, 6 credits Occupational Preparation I,II,III, IV, Locally Developed Math Elective OR Elective Credits of IEP Objectives	9 Credits – Class of 2016 and beyond	2-3 Credits 3 Higher level courses taken during junior and/or senior years which carry 5 quality points such as AP, IB, Dual or college equivalent courses—Advanced CTE/CTE credentialing courses—Online courses—Other honors or above designated courses OR 2 Credits—Same as above and completion of the NC Graduation Project
Total	28 Credits	28 Credits	28 Credits

What does it take to graduate from high school?

Required to graduate from BCPS

From kindergarten on, students are getting ready for high school graduation:

- **Meet course/credit requirements based on the year entered high school as a Freshman;**
- **Successfully complete the Burke County Public Schools' Graduation Project;**
- **Successful completion of CPR instruction; (pass 8th or 9th grade Health and PE)**
- **Complete the three essential end-of-course tests: Math I, Biology, and English II;**
- **Meet any local graduation requirements. (Communication Skills, 1 Fine Arts, 1 CTE)**

Occupational Course of Study:

For some students with disabilities, the Occupational Course of Study will remain an option. These students will have the Occupational Course of Study identified in their Individualized Education Plans (IEP). For more details on this course of study, go to: www.ncpublicschools.org/gradrequirements or see a school guidance counselor.

Completion of 300 hours of school-based training, 240 hours of community-based training, and 360 hours of employment

** The Graduate Certificate is available for students with disabilities having an IEP

North Carolina Course and Credit Graduation Requirements

College and Career Ready Core Course Requirements for a High School Diploma

- **English: 4 credits**
- **Mathematics: 4 credits**
Math I, II, III and a fourth math course aligned with the student's post high school plans.
- **Science: 3 credits**
A physical science course, Biology, Earth/Environmental Science
- **Social Studies:**
4 credits (Class of 2016 and beyond)
World History, American History (2 courses), Civics & Economics
- **World Languages:**
Not required for graduation but required for admission to the UNC system (2 levels)
- **Health and Physical Education: 1 credit**
- **Career & Technical Education: 1 credit**
- **Fine Art: 1 credit**
- **Communication Skills: 1 credit**
- **Elective or Other Requirements: 9 credits** (Class of 2016 and beyond)
- **Successful completion of CPR instruction (pass 8th or 9th grade Health and PE)**

28 TOTAL CREDITS REQUIRED FOR GRADUATION

Mathematics Graduation Requirements for Students

Effective for freshmen entering high school in 2012-2013 and BEYOND (Policy GCS-N-004 from <http://sbepolicy.dpi.state.nc.us/>)

Four mathematics credits are required for graduation. A student's post-secondary school plans should help determine the student's mathematics sequence.

Math I (2103) + Math II (2201) + Math III (2301) + a 4th mathematics course taken from one of the three tables (UNC System institutions, Community College or Technical School, or Students Exempted by Principal)

= All four mathematics credits for graduation.

Four math credits do not have to include a fourth level math, but it is highly recommended that all students be given access to the highest levels of math.

Courses accepted as the 4th Level mathematics credit for admission into UNC System institutions

NC Standard Course of Study Courses

2400 – Adv Functions and Modeling
2401 – Discrete Mathematics
2402 – Integrated Math I
2403 – Pre-Calculus
2408 – Essentials for College Math (SREB READY)

Community College Courses

2722 – CCP – MAT172 – Precalculus Trigonometry
2723 – CCP – MAT271- Calculus I
2724 – CCP- MAT171 – Precalculus Algebra
2C015 – MAT 143 – Quantitative Literacy
2C025 – MAT 152- Statistical Methods I
2C055 – MAT 263 – Brief Calculus
2C075 – MAT 272 – Calculus II
2C115 – MAT 252 – Statistics II
2C125 – MAT 273 – Calculus III
2C135 – MAT 280 – Linear Algebra
2C145 – MAT 285 – Differential Equations
2C155 – MAT 141 – Mathematical Concepts I
2C165 – MAT 142 – Mathematical Concepts II
2C175 – MAT 167 – Discrete Math

AP and IB Courses

2501 – AP CALCULUS AB
2502 – AP CALCULUS BC
2511 – AP STATISTICS
21018 – IB Computer Science SL
21028 – IB Mathematical Studies SL
21038 – IB Mathematics SL
21048 – IB Mathematics HL
21058 – IB Further Math HL

Due to the Curriculum Improvement Project at the NC Community college system, many courses were revised or archived. If not on this list, but on a previous math options chart and taken prior to 2014-15 SY, they are still acceptable. This includes lab component for many of the archived courses. Most math labs were incorporated into the revised courses listed above. Some community colleges may still require a lab before the mandatory Summer 2015 switch. If your community college does, then it must be taken this final year.

Students Planning to Attend Other Colleges, a Community College, or Technical School**

Any of the courses listed in the UNC System column OR

2406 – AMTEM-Mindset

CTE Single Courses that equal 1 full math credit

AP Computer Science (2521)
Accounting I (BA10)
Accounting II (BA20)
Principles of Business and Finance (BF10)
Drafting I (IC61)
Drafting II Engineering (IV22)
Drafting II Architectural (IC62)
Carpentry I (IC21)
Metals Manufacturing Technology I (IM41)
Metals Manufacturing II (IM42)
PLTW Biotechnical Engineering (TP24)
PLTW Aerospace Engineering (TP25)
PLTW Civil Engineering and Architecture (TP23)
PLTW Introduction to Engineering Design (TP11)
PLTW Computer Integrated Manufacturing (TP22)
PLTW – Principles of Engineering (TP12)
PLTW Digital electronics (TP21)
PLTW Engineering Design and Development (TP31)
Apparel & Textile Production I (FA31)
Apparel & Textile Production II (FA32)
Interior Design I (F151)
Interior Design II (F152)
Culinary Arts and Hospitality II (FH22)
ProStart II (FH72)
Principles of Technology I (TE21)
Principles of Technology II (TE22)
Computer Programming I (BP10)
Computer Programming II (BP12)

Pairs of CTE Courses that equal 1 Math CREDIT

SAS I (BP20) AND SAS II (BP22)
Personal Finance (BF05) AND Entrepreneurship I (ME11)
Electronics I (IM31) AND Electronics II (IM32)
Masonry I (IC11) AND Masonry II (IC12)
Introduction to Culinary Arts & Hospitality (FH20) AND Culinary Arts & Hospitality I (FH21)
Game Art and Design (TS31) AND Advanced Game Art and Design (TS32)
Electrical Trades I (IC41) AND Electrical Trades II (IC42)
Scientific and Technical Visualization I (TS21) AND Scientific and Technical Visualization II (TS22)
Introduction to Culinary Arts & Hospitality (FH20) AND ProStarts I (FH71)
Carpentry II (IC22) AND Carpentry III (IC23)

** Not eligible for Multiple Measures entry with NC Community College System. Students using CTE courses to meet math credit graduation requirements (Class of 2014 & beyond) will be required to complete math placement testing prior to enrolling in community college math courses.

Students Exempted by Principal from usual sequence (SUBSTITUTION)

MATH I AND MATH II

Plus two additional courses from choices below:

2020 Introductory Mathematics
2050 Foundations of Math I
2051 Foundations of Math II
2052 Foundations of Math III
2040 Alternate Mathematics I
2041 Alternate Mathematics II
2065 Probability & Statistics

OR

AP Computer Science (2521)
Accounting I (BA10)
Accounting II (BA20)
Principles of Business and Finance (BF10)
Drafting I (IC61)
Drafting II Engineering (IV22)
Drafting II Architectural (IC62)
Carpentry I (IC21)
Metals Manufacturing Technology I (IM41)
Metals Manufacturing II (IM42)
PLTW Biotechnical Engineering (TP24)
PLTW Aerospace Engineering (TP25)
PLTW Civil Engineering and Architecture (TP23)
PLTW Introduction to Engineering Design (TP11)
PLTW Computer Integrated Manufacturing (TP22)
PLTW Principles of Engineering (TP12)
PLTW Digital Electronics (TP21)
PLTW Engineering Design and Development (TP31)
Apparel & Textile Production I (FA31)
Apparel & Textile Production II (FA32)
Interior Design I (FI51)
Interior Design II (FI52)
Culinary Arts and Hospitality II (FH22)
ProStart II (FH72)
Principles of Technology I (TE21)
Principles of Technology II (TE22)
Computer Programming I (BP10)
Computer Programming II (BP12)

Students are NOT required to complete math credits in this option in any particular order. Students may take CTE or other courses prior to or concurrently with Math I and/or Math II. Additionally, students may also complete the SUBSTITUTION sequence with two core mathematics courses plus one additional math course from above and one CTE course OR a pair of CTE courses from previous column (pairs of CTE courses = 1 math credit).

Students Identified as Learning Disabled in Math

Students included in the category defined by NC General Statute § 115C-81(b) must complete four credits in mathematics. This legislation states that the State Board of Education shall not require Math I as a graduation standard for any student with an IEP [Individualized Education Plan] that 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 Math I.

These students should construct a four-course mathematics sequence using any combination of the courses listed in the preceding columns. Each student's course selections should be guided by his or her post-secondary goals, as defined in his/her IEP.

Students Following the Occupational Course of Study

Introduction to Math I (9220B) AND Math I (9221B)

AND ONE of the following courses:

Financial Management (9222B)

Alternate Math II (2041)

Personal Finance (BF05)

Students who complete the sequence above should be classified as Occupational Course of Study (OCS). These students may also complete a CTE concentration.

GENERAL INFORMATION

Advanced Placement Courses

Students may also earn **Advanced Placement (AP)** credits that enable them to begin college work while still in high school. Advanced Placement courses prepare students to take the Advanced Placement examinations in these subjects. Successful completion of the AP examination provides college credit. These courses are taught at a college level and use college textbooks. AP courses can give students a head start on college as well as excellent preparation for the SAT, ACT, and college coursework. **Students enrolled in an advanced placement course will be required to take the AP exam. The NC Department of Public Instruction will pay exam fees for all students enrolled in AP classes.**

Athletic Requirements

ALL student athletes are required to meet the following eligibility requirements:

1. Pass three (3) courses in the preceding semester in order to be eligible for any sport.
2. Be in attendance at least 85% of the preceding semester.
3. Sign consent form for Random Drug Test.
4. Be a full-time student in Burke County Public Schools.
5. Students must be registered for at least 3 classes per semester to participate in athletics.

NCAA requirements for students interested in athletics on the college level

Academic-Eligibility Requirements

Division I

If you want to participate in athletics or receive an athletics scholarship, you must:

- Graduate from high school;
- Complete these 16 core courses:
 - 4 years of English
 - 3 years of math (Algebra I/Math I or higher)
 - 2 years of natural or physical science (including one year of lab science if offered by your high school)
 - 1 extra year of English, math, or natural or physical science
 - 2 years of social science
 - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- Earn a minimum required grade-point average in your core courses; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale (for example, a 2.400 core-course grade-point average needs an 860 SAT).

Requirement to graduate with your high school class (with cohort)

You must complete the 16 core-course requirement in eight semesters, which begins when you initially started high school with your ninth-grade class.

Division II

If you enroll in a Division II college, and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school;
- Complete these 16 core courses:
 - 3 years of English
 - 2 years of math (Algebra I/Math I or higher)
 - 2 years of natural or physical science (including one year of lab science if offered by your high school)
 - 3 additional years of English, math, or natural or physical science
 - 2 years of social science
 - 4 years of additional core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- Earn a 2.000 grade-point average or better in your core courses; and
- Earn a combined SAT score of 820 or an ACT sum score of 68.

Division III Athletics

Division 3 schools only offer academic scholarships.

Attendance Policy- Burke County High Schools

I. Attendance is an essential element in the learning process. The primary responsibility of school attendance rests with students and parents. Because students daily receive 90 minutes of instruction in each class, good attendance is crucial. Based on these considerations, students missing more than five (5) days per semester will not receive credit for the course and No Credit (NC) will be recorded for the grade. Principals, teachers and staff will make reasonable efforts to provide appropriate opportunities for students to make up course work.

Students with extenuating circumstances may file an appeal with the school attendance appeals committee prior to the completion of the course if the student has a passing grade for the course. No Credit (NC) will be recorded if the student does not meet both stipulations. Under certain circumstances, students could be required to make up time for their absences. The required time to be made up and the procedures to follow will be determined by the school attendance appeals committee. If a student is awarded credit for a course by the school attendance appeals committee, the student's grade will be what was assigned by the student's teacher. If an appeal is denied or no appeal is made, the no-credit (NC) will result in an F.

II. Exemption from Exams

Students are **not** exempt from End-of-Course, NC final, and VOCAT exams. A student may be exempt from a teacher made exam if

1. The student has an "A" average in the course and has no more than three (3) absences.
2. The student has a "B" average in the course and has no more than two (2) absences.
3. The student has a "C" average in the course and has no more than one (1) absence.

Any student has the option to take any exam from which he/she is exempt. **[Days of In-School suspension, out of school suspension with BATS (Burke Alternative to Suspension) do count the student as present; however, the student is not eligible for exam exemption.]**

Students in 11th or 12th grade are allowed one College Day visit, which is exam exempt.

Attendance Requirements-Relating To Registration

To meet attendance requirements of the Burke County Board of Education for graduation from high school, students must register for eight (8) courses per year: four (4) courses per semester. Students can earn a maximum of 12 credits per year with principal approval.

Students must earn two credits each semester to meet **residency requirements**. A student must be enrolled in high school courses for eight semesters (4 years). The principal may waive up to one semester of residency for a student if the student has completed 28 credits and meets all local and state requirements. This recommendation must be sent to the superintendent. Upon the superintendent's recommendation and School Board approval, a student may waive up to one year of residency if a student has completed 28 credits and meets all local and state requirements.

Burke Middle College

Burke Middle College (BMC) is a two-year educational program operated by Burke County Public Schools and Western Piedmont Community College (WPCC). Through this program, students complete their 11th and 12th grade years of high school on the campus of WPCC while also working toward a college associate degree. All college courses completed during their enrollment in BMC are completely tuition-free. Students may complete their entire community college degree, by the time they graduate from high school thereby giving them a two-year head start on achieving their goals.

The Application Process

Students are invited to discuss the middle college program with staff at Burke Middle College. Parents and students determine if Burke Middle College is the appropriate academic setting. Students have to submit an application (co-signed by the parents) and two recommendations. Students must pass the reading and writing portion of the college placement test. Then students and parents meet with the principal and review team for an interview. Applications may be obtained on the Burke Middle College website or from the high school counselor.

Applications are submitted during the student's 10th grade year.

[Prerequisites are Biology and Math II]

Career and College Promise/College Course Credits

Career and College Promise offers North Carolina high school students a clear path to success in college or in a career. This tuition-waived program is available to all students who maintain a 3.0 GPA and meet program eligibility requirements. Through a partnership of the Department of Public Instruction, the N.C. Community College System, the University of North Carolina system and many independent colleges and universities, North Carolina is helping eligible high school students to begin earning college credit at a community college campus at no cost to them or their families. The three pathways include

1. College Transfer Pathways (CTP) which requires the completion of at least 30 semester hours of transfer courses including English and mathematics.
2. Career and Technical Education Pathways (CTE) which leads to a certificate or diploma aligned with a high school career cluster.
3. Cooperative Innovative High School Programs (CIHSP) are located on college campuses (unless a waiver was provided) and provide opportunities for students to complete an associate degree program or earn up to two years of college credit within five years. An example includes Middle College High Schools.

College credits will be computed in the high school grade point average and class rank and will be displayed on the high school transcript. Many of the community college courses provide honors weight (those that articulate to the university level). All other community college courses receive no weight. (All college courses must be pre-approved by the principal/designee.) Students must be registered for at least two high school courses while taking classes at colleges. All college courses count one high school credit.

To maintain eligibility in the Career & College Promise program, students must maintain a 2.0 GPA in college coursework and continue progress toward high school graduation.

Career and College Promise - Pathways		
	College Transfer Pathways	Career Technical Education Pathways
Definition	Tuition free course credits toward the Associate in Arts or Associate in Science and a four year degree.	Tuition free course credits toward an entry level job credential certificate of diploma for eligible high school students.
Eligibility	<ol style="list-style-type: none"> 1. Be a high school junior or senior; 2. Have a weighted GPA of 3.0 on high school courses; and 3. Demonstrate college readiness in English, reading and mathematics on an assessment or placement test 	<p>Be a high school junior or senior and</p> <ol style="list-style-type: none"> 1. Have a weighted GPA of 3.0 on high school courses or have the recommendation of the high school principal or his/her designee (PLAN scores should be considered); <i>and</i> 2. Meet the prerequisites for the career pathway. <p>Be a high school freshman and</p> <ol style="list-style-type: none"> 1. Passed Math I with a grade of C or better, 2. Scored a 3 or 4 on the EOC for Math I, 3. Meet the college ready reading score of 16 on the 8th grade Explore test, 4. Meet prerequisites for the career pathway, 5. Have the recommendation of the high school principal or designee; <i>and</i> 6. Enroll in Engineering or Industrial Technologies programs. <p>Be a high school sophomore and</p> <ol style="list-style-type: none"> 1. All criteria for freshmen as listed above; 2. Have a weighted GPA of 3.0 on high school courses.

Career and College Promise - Pathways		
	College Transfer Pathways	Career Technical Education Pathways
Hours	32 – 35 SHC Pathway	12 – 18 SHC Certificate 36 – 48 SHC Diploma
Program of Study Requirements	<p>Must be in compliance with pathway curriculum standards</p> <p>Must have approval for the Associate in Arts to offer the CCP CTP leading to the Associate in Arts</p> <p>Must have approval for the Associate in Science to offer the CCP CTP leading to the Associate in Science</p> <p>Must have System Office approval prior to implementation</p>	<p>Must be in compliance with current curriculum standard</p> <p>Must contain a minimum of 12 SHC derived from core of curriculum standard</p> <p>Must be approved to offer the traditional program</p> <p>No course picklists</p> <p>Must have System Office approval prior to implementation</p>
	<ol style="list-style-type: none"> 1. Continue to make progress toward high school graduation 2. Maintain a 2.0 GPA in college coursework after completing two courses 3. A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress. 	<ol style="list-style-type: none"> 1. Continue to make progress toward high school graduation 2. Maintain a 2.0 GPA in college coursework after completing two courses 3. A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress.

Please review additional information on the Career & College Promise program at Burke County Public Schools' website at www.burke.k12.nc.us or at Western Piedmont Community College's website at www.wpcc.edu.ccp

Credit by Demonstrated Mastery

Credit by Demonstrated Mastery is the process by which LEAs shall, based upon a body-of-evidence, award a student credit in a particular course without requiring the student to complete classroom instruction for a certain amount of seat time. Students interested in challenging a course for credit should see the school counselor for information.

Credit Recovery

Credit Recovery is an effort to enable students to meet graduation requirements and remain on track in order to graduate with their respective class. Students who have completed the time required in a class, but have not met the competency level of the class in order to receive credit, will be able to gain credit through demonstrated competency.

Guidelines:

1. If the class has an end-of-course test (EOC), the student must take the EOC test even if the student takes an online class.
2. Student attendance will be reviewed by the principal to determine if a student is eligible for credit recovery courses.
3. Credit recovery class grades will be issued as pass or fail.

Courses available for Credit Recovery:

English I, II, III	Personal Finance	Foundations of Math I
English IV (literature only)	Civics and Economics	Math I
Physical Science	World History	Math II
Earth Science	American History	Math III
Biology	Geography	Advanced Functions
Chemistry	Health	Trigonometry

Diploma Endorsements

Beginning with the graduating class of 2014-2015, students will have the opportunity to earn an endorsement to their diplomas identifying a particular area of focused study including (1) Career Endorsement (must be a CTE completer with an industry credential) (2) College Endorsement (must have a 2.6 GPA and a 4th math which meets UNC system and community college requirements), or (3) North Carolina Academic Scholars Endorsement (must have 3.5 GPA and meet the NC Academic Scholars requirements). No endorsement is required to receive a diploma, and a student may earn more than one endorsement.

Driver License Requirements

A student must have a Driving Eligibility Certificate in order to receive a North Carolina driver's permit or license. This certificate will be issued upon completion of the Driver's Education Course and with evidence of a student's **adequate academic progress**. The Division of Motor Vehicles (DMV) will not issue a driver's permit or license without a Driving Eligibility Certificate. Driving eligibility and driver's license are a function of the NC Division of Motor Vehicles and not Burke County Public Schools. Questions should be directed to the Driver's Education Coordinator, Dennis Leonard (828) 502-9279.

ADEQUATE ACADEMIC PROGRESS means that students must pass 3 out of 4 courses each semester. ADEQUATE ACADEMIC PROGRESS is evaluated at the end of each semester. Students who do not meet this criterion or who drop out of school will be reported to the DMV and will have their permits or licenses revoked.

Failing Grades

Failing grades may not be removed from a student's transcript or excluded from computing a student's grade point average by repeating and passing the courses failed. All attempts made to pass courses will appear on the student's transcript. Students have the option of making up failed courses during the school year or by attending summer school.

Grading Scale, Quality Points, and Class Rank

Beginning in the fall of 2015, the grading scale for all schools in North Carolina will be:

A = 100 - 90
B = 89 - 80
C = 79 - 70
D = 69 - 60
F = 59 - 0

To encourage students to take challenging courses that prepare them for college, technical schools, and the demands of the work place, the Burke County Public Schools provide weighted courses.

Course grades are reported in two ways: unweighted (based on equal points for every class) and weighted (based on an extra point for selected rigorous courses). **According to policy, weighted grades are used in determining class rank and subsequently Junior Marshall and Honor Graduate status.**

The following scale applies to unweighted courses:

Standard Courses:

A = 4 points
B = 3 points
C = 2 points
D = 1 point
F = 0 points

The following scales applies to weighted courses:

AP Courses:

A = 6 points
B = 5 points
C = 4 points
D = 3 points
F = 0 points

Honors:

A = 5 points
B = 4 points
C = 3 points
D = 2 points
F = 0 points

Weighted courses include Pre-Advanced Placement/Honors and Community College/Advanced Placement (AP) courses. Students and parents should understand that considerable work and study are required, high grades are more difficult to achieve, and the expectations and level of the course work cannot be modified for students lacking skills or preparation.

The following scale applies to the freshman class of 2015-2016:

AP, IB, and college courses, including dual enrollment and NC Community College transfer courses the Comprehensive Articulation Agreement:

A = 5 points
B = 4 points
C = 3 points
D = 2 points
F = 0 points

Honors courses:

A = 4.5 points
B = 3.5 points
C = 2.5 points
D = 1.5 points
F = 0 points

Graduation Project – Burke County Schools

The Burke County Public Schools' Graduation Project consists of four major components:

1. Research paper
2. Product
3. Portfolio
4. Oral presentation

Online Courses

Online learning offers additional course opportunities for students. Students need to speak with their counselors before considering an online course. Burke County Public Schools accept online coursework from the following online vendors: North Carolina Virtual Public School (NCVPS), Apex Learning, North Carolina School of Science and Math (NCSSM), Western Piedmont Community College (WPCC), and other North Carolina community colleges, and BCPS online classes.

A submitted application and approval is required for all online learning courses.

All online course grades will be listed on the student's transcript. All courses will earn weight as designated by Burke County Public Schools.

Vendor	High School Credit	Rank/GPA
NCVPS AP Course (year-long)	1 Credit (Per year)	Yes/Yes
NCVPS Non AP Course	1 Credit (Semester)	Yes/Yes
APEX—AP Semester Courses & Regular Courses	1 Credit (Semester)	Yes/Yes
NCSSM—Semester Courses	1 Credit (Semester)	Yes/Yes
WPCC	1 Credit (Semester)	Yes/Yes
Burke Virtual Network	1 Credit (Semester)	Yes/Yes

North Carolina Virtual Public School (NCVPS)

[www.ncvps.org]

NCVPS offers online courses in many subject areas. There is no cost to students during the school year for courses or textbooks. Please be aware of the following factors concerning these courses: 1) Enrollment is limited. 2) All online NCVPS Advanced Placement (AP) courses are year long rather than semester long. 3) No more than two online courses may be taken per semester. 4) NCVPS grades will be computed in grade point average (GPA) and class rank. **You must meet with your counselor and a principal in order to determine if this option is appropriate. A submitted application and approval are required.**

APEX Learning

[www.apexlearning.com]

Burke County Public Schools offers the following advanced placement courses through APEX Learning. These courses are AP Macroeconomics, AP Microeconomics, AP US Government and Politics, and AP Psychology. Authorized by the College Board, Apex Learning Advanced Placement courses meet higher-education expectations of college-level courses and prepare students to demonstrate achievement through success on the AP exams. Courses target highly motivated students who are reading at grade level or above and who have a track record of success in high school coursework. Each semester course offers approximately 120-150 hours of direct instruction and integrated formative, summative, and diagnostic assessment.

North Carolina School of Science and Mathematics (NCSSM)

[www.ncssm.edu]

NCSSM Online is a unique, tuition-free two-year program for rising juniors, of online learning blended with a host of real-time connections and onsite NCSSM residential activities. NCSSM Online offers a host of rigorous online honors or college level courses parallel to those offered in the NCSSM residential academic program. The NCSSM Online program is available to the same highly qualified applicants who apply to the NCSSM residential school program. It is designed to expand the NCSSM academic experience beyond the boundaries of the Durham campus to more North Carolina high school students in a virtual environment.

Note: Enrollment in NCSSM Online courses requires the student to apply and meet all acceptance criteria for NCSSM. While students remain enrolled in their public schools, counselors should not enroll them in online courses for credit at the public school until after they have been accepted into the NCSSM Online Program.

To apply, visit: <https://apply.ncssm.edu/>

Burke Virtual Network

Burke Virtual Network offers online courses to our students taught by Burke County personnel. There is no cost to students during the school year for courses or textbooks. Please be aware of the following factors concerning these courses: 1) enrollment is limited and 2) no more than two online courses may be taken per semester. You must meet your counselor regarding necessary paperwork and scheduling for online course registration.

Courses are:

- ACT Prep
- ACT Prep Honors
- Communication Skills
- Communication Skills Honors
- Mythology 101
- Personal Finance
- Personal Finance Honors

Schedule Changes

Students register for two semesters each year. Once a semester begins, schedule changes must be made **within the first 10 days** of the semester and are permitted only for the following reasons:

1. Computer error (misplaced in a course)
2. Course failure
3. Graduation requirement for senior
4. Need to balance academic load

STEAM Academy

The STEAM Academy is a collaborative effort between Burke County Public Schools (BCPS), North Carolina School for the Deaf (NCSD), North Carolina School of Science and Mathematics (NCSSM), and Western Piedmont Community College (WPCC). The goal of the STEAM Academy is to provide opportunities for students to participate in academically challenging coursework using technology to solve real-world problems. The STEAM Academy is located in the newly renovated Jeter Hall building on the campus of NCSD.

USING THIS GUIDE

The Burke County high schools are very similar in the variety of course offerings and in the quality of programs; however, there may be some differences in terms of schedules, course prerequisites, and course sequences.

1. Course numbers are listed in the columns on the left side of each page; these numbers are used for and are critical to registration.
2. Availability of courses is based on enrollment.
3. Please do not hesitate to ask teachers, counselors, and administrators for assistance if there is any confusion about courses, when they are offered, or which school offers specific courses.

COURSES

STEAM ACADEMY

30205X0 Honors Forensic Science

[Prerequisite: Grade of B or higher in Honors Biology and Math III/strong writing skills]

This course focuses on the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of forensic science as it relates to judicial and civil issues. The class is designed around authentic performance assessments with students working in teams to solve crimes using scientific knowledge and reasoning. Through lab work, students will apply inference and deductive reasoning to the investigation and potential solving of crimes. It involves all areas of science including biology, anatomy, chemistry, physics, and earth science with an emphasis in complex reasoning and critical thinking. In addition, students must incorporate the use of technology, communication skills, language arts, art, family and consumer science, mathematics and social studies. This course requires the ability to write clear and concise lab and investigative reports. Good writing skills are imperative. This course also deals with graphic content. Parents are asked to sign a permission slip at the beginning of the course, but students are expected to be mature when dealing with this content.

30205X0 Honors Forensic Science: Anthropology

[Prerequisite: Honors Forensic Science]

This upper level science course provides a broad overview of forensic anthropology – an applied field of biological anthropology that seeks to recover, identify, and evaluate human skeletal remains within a medico-legal context. In this course, students will learn to identify the bones of the human skeleton, as well as basic recovery techniques and crime scene investigation. We will then apply this knowledge towards the techniques used by forensic anthropologists to determine sex, age at death, ancestry, and stature; and how to estimate time since death and identification of trauma to bone. Finally, students will explore the role forensic anthropologists play in mass disaster and human rights investigations, as well as the associated ethical responsibilities that come with working with human skeletal remains. This course requires the ability to write clear and concise lab and investigative reports. Good writing skills are imperative.

33605X0 Honors Genetics and Biotechnology

Prerequisite: Grade of B or higher in Honors Biology and Math III/strong writing skills

What do crime scene investigations, agriculture, medicine, conservation biology and manufacturing have in common? They have all been revolutionized by biotechnology! Almost every day, we read about new developments in the rapidly changing fields of genetics and DNA-based biotechnology. In this course, students will first explore classical genetics and then move onto examining the structure and function of DNA and proteins. With state-of-the-art laboratory experiments, students will analyze DNA fingerprints from a crime scene, genetically transform bacteria and investigate their own DNA! Finally, they will survey the applications of biotechnology in many diverse fields and discuss in depth how biotechnology is changing our daily lives and our future. With the decline of traditional manufacturing in North Carolina, biotechnology is positioned to become a vital part of North Carolina's 21st century economy.

34305X0 Honors Physics

Prerequisite: Grade of B or higher in Math III

This course is a hands-on, inquiry based introductory course which combines both "conceptual" and "mathematical" approaches to learning physics. The course covers the laws of mechanics and their applications. Students will learn to solve real problems by investigating real systems. Investigations will cover physics topics that are fun and engaging for the students. Students will design experiments, use accurate measuring equipment and construct and test conclusions based on accurate data.

30205X0EST Honors Aerospace and Engineering

Prerequisite: Grade of B or higher in Math III

In this course, students design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Using 3-D design software, students work in teams utilizing hands-on activities, projects, and problems and are exposed to various situations encountered by aerospace engineers.

2A017X0 AP Calculus BC

[Prerequisite: AP Calculus AB]

This course provides a study of calculus incorporating topics covered in AB Calculus and continues the study of differentiation and integration. Through class discussions, problem solving, and writing assignments, students further discover the important concepts of calculus, develop an understanding of these concepts, and use them in solving realistic problems. Topics covered include the derivative, local linearity of functions, applications of the derivative, limits, differential equations, slope fields, Euler's method, definite and indefinite integrals, numerical approximations, techniques and applications of integrals, Taylor series, improper integrals, and parametric and polar equations. Students also focus on skills necessary for success on the AP BC Calculus examination. A small packet of problems will be required over the summer.

28005X0NC Foundations of Multivariable Calculus

[Prerequisite: AP Calculus BC]

Designed for students who have completed AP Calculus BC, this course will give students a strong foundation for completing multivariable calculus at the college level. This course includes the theory and application of vector functions and partial derivatives. Topics include a vector approach to regression modeling, the Frenet-Serret equations, continuity and differentiability of functions of several variables, gradients and directional derivatives, and classic optimization problems. Numerical methods such as Newton's Method for solving non-linear systems and modeling with vector-valued functions of scalar and scalar-valued functions of a vector are included.

TP127X0 PLTW Principles of Engineering (5 quality points)

In this foundation Project Lead the Way (PLTW) **Pathway to Engineering (PTE) course**, students survey engineering and are exposed to major concepts they will encounter in a post-secondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges while documenting their work and communicating solutions to peers and members of the professional community. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. 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.

*Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.

TP227X0 PLTW Computer Integrated Manufacturing (5 quality points)

[Prerequisite: Pathway to Engineering (PTE) Foundation courses]

In this specialization Project Lead the Way (PLTW) **Pathway to Engineering (PTE) course**, students answer the questions: How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics, and flexible manufacturing systems. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. 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.

*Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.

II315X0 Adobe Visual Design HN

This course is a project-based course that develops ICT, career, and communication skills in print and graphic design using Adobe tools. This course is aligned to Adobe Photoshop, In-design, and Illustrator certification. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are possible for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

II325X0 Adobe Digital Design HN

[Prerequisite: Adobe Visual Design]

This course is a project-based course that develops ICT, career, and communication skills in Web design and animation using Adobe tools. This course is aligned to Adobe Dreamweaver and Flash certification. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are possible for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

II335X0 Adobe Video Design HN

[Prerequisite: Adobe Digital Design]

This course is a project-based video course that develops career and communication skills in video production using Adobe tools. This course is aligned to Adobe Premiere certification. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are possible for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

STEAM Academy 2015-16 Proposed Course Offerings

Fall 2015 NCSSM (IVC)

1 st Block 7:50-9:20	2 nd Block 9:45-11:15	3 rd Block 11:30-1:00	4 th Block 1:30-3:00
Honors Forensic Science	Honors Forensic Science	Honors Forensic Science	Honors Physics
Honors Aerospace and Engineering	AP Calculus BC*	Honors Genetics and Biotechnology	Honors Genetics and Biotechnology

Spring 2016 NCSSM (IVC)

1 st Block 7:50-9:20	2 nd Block 9:45-11:15	3 rd Block 11:30-1:00	4 th Block 1:30-3:00
Honors Forensic Science	Honors Forensic Science	Honors Physics*	Honors Physics
Honors Aerospace and Engineering	Foundations of Multivariable Calculus (pre-req Calculus BC)	Honors Forensic Anthropology	Honors Genetics and Biotechnology

*Enrollment is limited to 6 per high school for a total of 24. All other NCSSM courses have limited enrollment, contact STEAM for more information.

STEAM Academy 2015-16 Proposed Course Offerings

Fall 2015 CTE

1st Block 7:50-9:20	2nd Block 9:45-11:15	3rd Block 11:30-1:00	4th Block 1:30-3:00
II31 Adobe Visual Design (Photoshop, In-Design, and Illustrator)	TP12 Principles of Engineering (PLTW)		TP22 Computer Integrated Manufacturing (PLTW)
II32 Adobe Digital Design (Dreamweaver and Flash)			TP12 Principles of Engineering (PLTW)

Spring 2016 CTE

1st Block 7:50-9:20	2nd Block 9:45-11:15	3rd Block 11:30-1:00	4th Block 1:30-3:00
II32 Adobe Digital Design (Dreamweaver and Flash)	TP12 Principles of Engineering (PLTW)		TP22 Computer Integrated Manufacturing (PLTW)
II33 Adobe Video Design (Premiere)			TP12 Principles of Engineering (PLTW)

Enrollment is limited to 6 per high school for a total of 24. Students who have had Digital Media I can enroll in II32 Adobe Visual Design.

ENGLISH/LANGUAGE ARTS

10212X0C ENG I – NC Final Exam

[Prerequisite: 8th Grade Reading EOG]

Credit: ENG I

One focus of this course is to introduce literary genres such as the novel, the poem, the short story, and the play, including one Shakespearean work. Informational texts will be integrated thematically with the literature. Grammar, language, and editing skills will also be emphasized. The writing process is always reviewed, and students will write various types of paragraphs and essays. Integrated within the study of literature are viewing, listening, speaking, and thinking skills. **Material in this course is the foundation for the Eng II EOC.**

10222X0C ENG II – End of Course Exam

[Prerequisite: Eng. I]

Credit: ENG II

The primary focus of this course is writing, language, and syntax skills. Students organize, outline, and develop essays. They study and write about issues and themes seen in world literature, particularly in epics, dramas, short stories, poetry, novels, and informational texts. One Shakespearean work will be thematically included as a companion piece to the world literature. Integrated within the study of literature are viewing, listening, speaking, and thinking skills. **This class prepares students for the state mandated Eng II EOC.**

10232X00 ENG III - NC Final Exam

[Prerequisite: Eng. II, Communication Skills]

Credit: ENG III

This course provides an intensive survey of American literature in conjunction with the historical and philosophical trends of each literary period. One Shakespearean work, as well as important American historical documents, will be integrated. An analysis of language and syntax will also be a component of the reading as well as viewing, listening, speaking, and thinking skills. Furthermore, students will experiment with advanced writing techniques in the various modes, especially with persuasion and analysis. **Successful completion of a research paper and a speech is required in preparation for the Burke County Public Schools' Graduation Project. Since all juniors must take the ACT, some course time will be devoted to test preparation.**

102420CC ENG IV - NC Final Exam

[Prerequisite: Eng. III]

Credit: ENG IV

This course focuses on the literary analysis of British literature and various informational texts. Students write critical literary analyses, and improve theme writing, speaking, and language skills. Integrated within the study of literature are viewing, listening, speaking, and thinking skills. **Successful completion of the Burke County Public Schools' Graduation Project is required.**

HONORS

For Honors Classes, students who have maintained a B average in English are likely to be successful in these courses.

10215X00 ENG I HN - NC Final Exam

[Prerequisite: Approval and Level IV or V on 8th grade Reading EOG]

Credit: ENG I HN

This course is more rigorous than English I CP with a more in-depth study of grammar, language, and syntax, emphasizing sentence structure and sentence variety that culminates in essay writing. Students will engage in a comprehensive study of literary genres, including both fiction and nonfiction. **Material in this course is the foundation for the Eng II EOC.**

10225X00 ENG II HN – End of Course Exam

[Prerequisite: Eng I HN and/or Approval]

Credit: ENG II HN

This course is more rigorous than English II CP. The theme writing introduced in ninth grade will culminate into more advanced compositions. Integrated within this study of composition is an intense study of informational texts as well as classic world literature in translation, drawn from multiple time periods and cultures. **This class prepares students for the state mandated Eng II EOC.**

10235X00 ENG III HN – NC Final Exam

[Prerequisite: Eng II HN and/or Approval]

Credit: ENG III HN

This course is more rigorous than English III CP. Students analyze universal themes and styles of important American authors as well as historical documents to improve analytical and creative thinking and writing skills. **Successful completion of a research paper and speech is required in preparation for the Burke County Public Schools' Graduation Project. Since all juniors must take the ACT, some course time will be devoted to test preparation.**

10245X00 ENG IV HN – NC Final Exam

[Prerequisite: Eng III HN and/or Approval]

Credit: ENG IV HN

This course is more rigorous than English IV CP. Students analyze universal themes and styles of important British authors, as well as historical documents, to improve analytical and creative thinking and writing skills. **Successful completion of the Burke County Public Schools' Graduation Project is required.**

PRE-ADVANCED PLACEMENT

Pre-Advanced Placement (formerly known as Humanities) is an accelerated four-year English/Language Arts program designed for students that excel in a rigorous academic setting. The course is designed to develop globally competitive students in preparation for Advanced Placement courses.

10215X0H Pre-AP: English I – NC Final Exam

[Prerequisite: Teacher Approval]

Credit: English I

This course includes the study of grammar, language, literature, writing, and speaking skills. Integrated within the course are the study and application of terminology and elements of these literary genres: short story, novel, drama (including one Shakespearean play), poems, and non-fiction. Listening, higher order thinking, editing, and viewing skills are also components of this course. **Material in this course is the foundation for the Eng II EOC.**

10225X0H Pre-AP: English II – End of Course Exam

[Prerequisite: Teacher Approval]

Credit: English II

This course traces the development of world literature. Emphasis is placed on cultural influences such as politics, religion, sociology, economics, and art. Integrated within the study of literature are viewing and listening skills. Higher-level thinking skills are applied through speech, vocabulary and language building, syntax, composition, and research assignments. **This class prepares students for the state-mandated Eng II EOC.**

10235X0H Pre AP: English III – NC Final Exam

[Prerequisite: Teacher Approval]

Credit: English III

This course, an extension of Pre-AP English II, will include a study of American literature, including at least one Shakespearean play. Students continue to develop writing and higher level thinking skills and explore the impact of language and syntax. Integrated within the study of literature are viewing and listening skills. Research, essay writing, and literary analysis are stressed. **Successful completion of a research paper and speech is required in preparation for the Burke County Public Schools' Graduation Project. Since all juniors must take the ACT, some course time will be devoted to test preparation.**

10245X0H Pre AP: English IV - NC Final Exam

[Prerequisite: Teacher Approval]

Credit: English IV

This course focuses on the survey, analysis, and criticism of literature, including a study of British and Western European literature, with at least one Shakespearean play. Students analyze the interaction of culture and literature through the study of various literary periods and philosophical movements. Integrated within the study of literature are viewing and listening. Writing assignments emphasize the study and development of style, including language and syntax. **Successful completion of the Burke County Public Schools' Graduation Project is required.**

ADVANCED PLACEMENT

1A007X0 AP English: Language and Composition

[Prerequisite: Pre AP English III or English III HN and/or Approval]

Credit: Elective

This course teaches the careful reading and critical analysis of nonfiction, including essays, speeches, political propaganda, editorial cartoons, and advertisements. Students will study and imitate the different methods of argumentation. Through the close reading of selected texts, students will deepen their understandings of tone and mood, style, syntax, and diction. Composition and test taking strategies will be emphasized. **Students who take this course are required to take the AP Language and Composition Examination.**

1A017X0 AP English: Literature and Composition

[Prerequisite: Pre AP English III or English III HN and/or Approval]

Credit: Elective

This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understandings of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone and mood. **Students who take this course are required to take the AP Literature and Composition Examination.**

COMMUNICATION SKILLS

Required for Graduation

10252X0C Communication Skills

[Prerequisite: Recommended for Sophomores]

Credit: Communication Skills

This course will enhance research, composition, and formal speaking skills. Students will focus on outlining, note-taking, and research techniques. The composition skills emphasized may include, but are not limited to, business correspondence, essays, technical descriptions, and various theme types as well as preparation for the ACT/SAT. Students will deliver three formal speeches of varying lengths to inform, demonstrate, and/or convince. A successful completion of a research paper is required. **This class prepares students for the state mandated Eng II EOC and the Graduation Project.**

10255X0C Communication Skills (HN)
[Prerequisite: Recommended for Sophomores]
Credit: Communication Skills

This faster-paced, in-depth course will enhance research, composition, and formal speaking skills. Students will focus on outlining, note-taking, style, and research techniques. The composition skills emphasized include research and argumentative writing and essays in various modes as well as preparation for the ACT/SAT. Students will deliver at least three formal speeches of varying lengths that may inform, demonstrate, convince, and/or persuade. A successful completion of a research paper is required. **This class prepares students for the state mandated Eng II EOC and the Graduation Project.**

ENGLISH/LANGUAGE ARTS

Electives- Will not meet English/Language Arts requirements for graduation

10252X0 Special Interest English
[Prerequisite: Placement]
Credit: Elective

This course covers vocabulary, comprehension, word attack, basic grammar, selected literature, and life/survival reading skills.

53152X00 Theatre Arts I
Credit: Fine Arts, Elective

Following the NC Common Core Standards for Theatre Arts, students begin to experience theatre as a collaborative art, study vocal exercise and using the voice in character interpretation; study the basics of movement, mime, acting with masks, improvisation, and interpretation of a character by use of body and movement; explore the basics of technical side of theater including makeup design and application, costume design, properties and set design, and lighting and sound design; read plays, research theatre history; and look at script analysis for the actor, the director, and the technical teams.

53162X00 Theatre Arts II
Credit: Fine Arts, Elective

Following the Common Core Standards for Theatre Arts, students continue to experience theatre as a collaborative art, study vocal exercise and using the voice in character interpretation; study movement, mime, acting with masks, improvisation, and interpretation of character by body and movement; explore technical theater including makeup design and application, costume design, properties and set design, and lighting and sound design, collaboratively write a short play, analyze the script for the actor, the director, and the technical teams, and rehearse the play for a performance.

53175X00 Theatre Arts III
Credit: Fine Arts, Elective

Following the Common Core Standards for Theatre Arts, students will study a wide range of areas of performance theatre, study advanced vocal exercise, aging the voice, and using the voice in character interpretation. Students will also study advanced movement, mime, acting with masks, body movement for comic versus dramatic characters, introductory stage combat, and character interpretation. Students additionally look at script analysis for the actor as well as for the director and identify differences in actor's vision versus director's vision for a character, experience how the playing space dictates the actor's work, and also explore working to (and with) an audience.

MATHEMATICS

For Honors classes, students who have maintained a B-average in math are likely to be successful in these courses.

- 20502X0 Foundations of Math I**
Credit: Elective
The content of this course consists of approximately one-half of the content of Math I. This course, along with Math I, is designed to meet the needs of students who require more time to master the skills of Math I. It is recommended that Foundations and Math I be taken in the same academic year.
- 21032X0F Math I (following Foundations of Math I) – End of Course Exam**
Credit: Math I
The second half of Math I is presented in this course. It is recommended that students register for Foundations of Math I and Math I in the same year. The Foundations of Math I and Math I combination will satisfy the Math I requirement for graduation and count as one elective credit and one math credit.
- 21032X0C Math I – End of Course Exam**
Credit: Math I
Math I provides students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data. Appropriate technology, including graphing calculators, will be used regularly for instruction.
- 20512X0 Foundations of Math II**
Credit: Elective
The content of this course consists of approximately one-half of the content of Math II. This course, along with Math II, is designed to meet the needs of students who require more time to master the skills of Math II. It is recommended that Foundations of Math II and Math II be taken in the same academic year.
- 22012X0F Math II (following Foundations of Math II) – NC Final Exam**
Credit: Math II
The second half of Math II is presented in this course. It is recommended that students register for Foundations of Math II and Math II in the same year. The Foundations of Math II and Math II combination will satisfy the Math II requirement for graduation and count as one elective credit and one math credit.
- 22012X0C Math II – NC Final Exam**
[Prerequisite: Math I]
Credit: Math I
Math II continues a progression of the standards established in Math I. In addition to these standards, Math II includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justifying conclusions. Appropriate technology, including calculators, will be used regularly for instruction.

22015X0H Math II HN – NC Final Exam

[Prerequisite: Math I and Approval]

Credit: Math

This course is a rigorous, in-depth study of Math II. Students will possibly be required to complete outside reading, research, projects and will work more independently than in a regular class. The Unit Circle and topics beyond the scope of a traditional Math II course will be studied.

23012X0C Math III – NC Final Exam

[Prerequisites: Math II]

Credit: Math

Math III progresses from the standards learned in Math I and Math II. In addition to these standards, Math III extends to include algebraic concepts such as: the complex number system, inverse functions, trigonometric functions and the unit circle. Math III also includes the geometric concepts of conics and circles. Appropriate technology, including graphing calculators, will be used regularly for instruction and assessment.

23015X0C Math III HN – NC Final Exam

[Prerequisite: Math II HN and Approval]

Credit: Math

This course is a rigorous, in-depth study of Math III. Students will be required to complete outside reading, research, and projects and will work more independently than in a regular class. Conics and other topics beyond the scope of a traditional Math III course will be studied.

24082X0 College Readiness Math

Credit: Math, 4th math UNC system

This course emphasizes understanding of math concepts rather than just memorizing procedures. College Readiness students learn the context behind the procedure: why to use a certain formula or method to solve a problem, for example. This equips them with higher-order thinking to apply math skills, functions and concepts in different situations. The course consists of 8 units (exponentials, quadratics, equations, measurement, number operations, systems, linear functions, and statistics). The course prepares students for college-level math assignments based on the content. (Not designed to prepare students for college-level math in STEM majors)

24015X00 Discrete Mathematics HN – NC Final Exam

[Prerequisite: Math III and Approval]

Credit: Math, 4th math UNC system

This course is a rigorous, in-depth study of Discrete Math. Students will be required to complete outside reading, research, and projects and will work more independently than in a regular class. Topics beyond the scope of a traditional Discrete Math course will be studied. This course is designed for the student who plans to take AP Statistics.

24035X00 Advanced Math/Pre-Calculus HN – NC Final Exam

[Prerequisite: Math III HN and Approval]

Credit: Math, 4th math UNC system

This course is a thorough study of functions and their characteristics including exponential, logarithmic, trigonometric, inverse, polynomial, power, rational, logistic, piecewise, and greatest integer functions. Other topics will include limits, vectors, three-dimensional figures, conic sections, recursively-defined functions, and probability.

2A037X0 AP Statistics

[Prerequisite: Math III HN and Approval]

Credit: Math, 4th math UNC system

AP Statistics 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. Colleges and universities may grant incoming students credit, placement, or both depending on their AP exam grades. **Students are required to take the AP Statistics examination.**

24035X01 Introduction to AP Calculus AB HN

[Prerequisite: Adv. Math/Pre-Calculus and/or Approval]

Credit: Math, Elective

This course is offered to those students who wish to take AP Calculus AB in the spring semester. This course is a rigorous, in-depth study of Calculus. Students will be required to complete independent work and projects. Topics include limits, derivatives, and integrals. Algebraic, numerical, and graphical representations will be emphasized throughout the course.

2A007X0 AP Calculus-AB

[Prerequisite: Intro. to AP Calculus]

Credit: Math, 4th math UNC system

Calculus AB is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. Colleges and universities may grant incoming students credit, placement, or both on the basis of the AP exam grades. Course work is at the college level. **Students are required to take the AP Calculus examination.**

SCIENCE

For Honors Classes, students who have maintained a B-average in math are likely to be successful in these courses.

35012X0F Earth/Environmental Science – NC Final Exam

Credit: Earth/Environmental Science

This course includes the study of mapping, geology and geophysical processes, meteorology, oceanography, astronomy, natural resources and the environment. Emphasis is placed on the fact that the earth is an interacting system. Students work on advanced projects and laboratory activities.

35015X00 Earth/Environmental Science HN – NC Final Exam

Credit: Earth/Environmental Science

This course is a concentrated learning experience in geology, with coordinated learning in oceanography, meteorology, cartography, and evolution as they relate to the earth. Laboratory experiences in each of the fields provide hands-on understanding of scientific skills and knowledge. This science will help students relate to all branches of science and to understand the tie between each in the overall picture of nature.

34102X0C Physical Science – NC Final Exam

Credit: Physical Science

Using a broad study of the principles of chemistry and physics, students are introduced to the methods and nature of science. Studies include the composition, interactions, and structure of chemical substances along with mechanics, work and energy, electricity and magnetism. Scientific process, problem-solving techniques, and laboratory skills are emphasized.

33202X0C Biology – End of Course Exam

Credit: Biology

This course, involving the study of cell physiology, chemical and molecular biology, genetics and taxonomy of the five kingdoms, also gives students an understanding of anatomy and physiology. Studies include the behavior of organisms under varied conditions and the ecological webs of life.

33205X00 Biology HN – End of Course Exam

[Prerequisite: Earth Science HN and/or Approval]

Credit: Biology

This course, involving cell physiology, chemical and molecular biology, genetics and taxonomy, gives students an understanding of anatomy and physiology. Behavior of organisms under varied conditions and studies of the ecological webs of life are included in the biological study. Readings from outside sources, additional laboratory activities, and projects are required. **Requires State**

- 3A007X0 AP Biology**
[Prerequisite: Biology HN, Chemistry, and/or Approval]
Credit: Elective
This course, designed to be the equivalent of a college introductory biology course, provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students use a college-level textbook, and they complete college-level labs. Molecules and Cells, Heredity and Evolution, and Organisms and Populations are the three major units studied. ***Students who take this course are required to take the AP Biology Examination.***
- 34202X0C Chemistry – NC Final Exam**
[Prerequisite: Math III and/or Approval]
Credit: A Physical Science, Elective
The facts and theories of chemistry are studied through measurements, calculations, problem solving, and laboratory activities. The mole concept, formula and equation writing, atomic theory, and the periodic table are basic topics covered. Other topics include ionic and covalent bonding, phases of matter, kinetic theory and gas laws, acids, bases, salts and oxidation/reduction reactions. Also the course emphasizes the safe usage, handling, constructing, and manipulating of science equipment. This course is mathematical in nature, and the student needs a reliable background in Math I and Math II.
- 34205X00 Chemistry HN – NC Final Exam**
[Co-requisite: Math III and/or Approval]
Credit: A Physical Science, Elective
This course is an in-depth study of the concepts and theoretical aspects of chemistry through measurements, calculations, problem solving, and laboratory activities. The mole concept, formula and equation writing, stoichiometry reaction types, atomic theory and periodicity, molecular bonds and structures are covered. Also included are topics such as phases of matter, kinetic theory and gas laws, solution equilibrium, acid-base theories, oxidation/reduction reactions, electrochemistry, and organic and nuclear chemistry. Emphasis is placed on problem-solving skills, thought process, and safety in the chemistry lab. This course, a mathematics-based science, requires the mastery of algebra skills along with higher level abstract thinking skills.
- 3A017X0 AP Chemistry**
[Prerequisite: Chemistry HN and Approval]
Credit: Elective
This lab-based course, designed for further study of chemical concepts, is primarily an introductory college chemistry course, covering concepts such as solution concentrations, titration, qualitative analysis, redox reactions, reaction rates, polymerization, and solubility. ***Students who take this course are required to take the AP Chemistry Examination.***
- 3A027X0 AP Environmental Science**
[Prerequisite: [Earth Science HN and Biology HN or Chemistry HN and/or Approval]
Credit: Elective
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 and/or preventing them. ***Students who take this course are required to take the AP Environmental Science Examination.***
- 34305X00 Physics HN – NC Final Exam**
[Prerequisite: Math III and/or Approval]
Credit: A Physical Science, Elective
This course, designed for students who plan to further their studies in science, includes such topics as force, motion, work, energy, thermodynamics, wave concept, light, sound, electricity and nuclear power. Students learn concepts and practical application through laboratory experiences, individual projects, and other related activities. This course, a mathematics-based science, requires the mastery of algebra skills along with higher-level, abstract thinking skills.

SOCIAL STUDIES

43032X0F World History– Recommended for 9th Grade – NC Final Exam

Credit: World History

The World History course will address six (6) periods in the study of world history, with a key focus on the mid-15th century to present. The standards of this course are grouped to reflect accepted periodization by historians. The learning standards of this course have been written to focus on a basic core of chronologically-organized periods and events in history in order to have a set of learning standards that can be reasonably taught and learned with some depth and not just memorization of facts, within the time available for classroom instruction.

43042X00 American History I- Recommended for 10th Grade – NC Final Exam

Credit: American History I

This course will begin with the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States from European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. This course will guide students as they study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War including Reconstruction.

43052X00 American History II- Recommended for 11th Grade – NC Final Exam

Credit: American History II

This course will guide students from the late nineteenth century time period through the early 21st century. Students will examine the political, economic, social and cultural development of the United States from the end of the Reconstruction era to present times. The essential standards of this course will trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. The desired outcome of this course is for students to develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events on the United States in an interconnected world.

42092X0C American History: The Founding Principles, Civics, and Economics– Recommended for 12th Grade – NC Final Exam

Credit: Civics/Economics

Civics and Economics has been developed as a course that provides a framework for understanding the basic framework of American democracy, practices of American government as established by the United States Constitution, basic concepts of American politics and citizenship, and concepts in macro and micro economics and personal finance. The essential standards of this course are organized under three strands – Civics and Government, Personal Financial Literacy, and Economics. The Civics and Government strand is framed to develop students' increased understanding of the institutions of constitutional democracy and the fundamental principles and values upon which they are founded, the skills necessary to participate as effective and responsible citizens and the knowledge of how to use democratic procedures for making decisions and managing conflict. The Economic and Personal Financial Literacy strands are framed to provide students with an understanding of the role economic factors play in making economic decisions, the ability to reason logically about key economic issues and the knowledge and skills needed to manage personal financial resources effectively for lifetime financial security.

HONORS

For Honors Classes, students who have maintained a B average in Honors English are likely to be successful in these courses.

43035X0F World History HN – Recommended for 9th Grade – NC Final Exam

Credit: World History

The World History course will address six (6) periods in the study of world history, with a key focus on the mid 15th century to present. The standards of this course are grouped to reflect accepted periodization by historians. The learning standards of this course have been written to focus on a basic core of chronologically-organized periods and events in history in order to have a set of learning standards that can be reasonably taught and learned with some depth and not just memorization of facts, within the time available for classroom instruction. This class is taught at an accelerated pace.

43045X00 American History I HN- Recommended for 10th Grade - NC Final Exam

Credit: American History I

While covering the same curriculum American History I, Honors American History I provides the opportunity for advanced work, rigorous study and systematic investigation of major ideas and concepts that are a part of our American History. The course is challenging and requires students to take greater responsibility for their learning by participating in problem-seeking, problem-solving, scholarly and creative processes, critical analysis and application, and reflective thinking. Assignments will encourage critical thinking skills such as drawing conclusions, making inferences, and analyzing primary and secondary sources, including reading selections made by the department.

43055X0H American History II HN – Recommended for 11th Grade – NC Final Exam

Credit: American History II

Following the same course of study as American History II, Honors American History II provides the opportunity for advanced work, rigorous academic study, and the practical application of the major ideas and concepts found in the study of American history. The course is challenging and requires students to take greater responsibility for their learning by participating in problem-seeking and problem-solving, scholarly and creative processes, critical analysis and application, reflective thinking, and the expression and defense of ideas generated through the study of American history. Additional outside reading selections will be made by the department. ***Students planning to take the U.S. History Advanced Placement course and examination should take this course in the fall.***

42095X00 American History: The Founding Principles, Civics, and Economics HN– Recommended for 12th Grade – NC Final Exam

Credit: Civics/Economics

Civics and Economics has been developed as a course that provides a framework for understanding the basic framework of American democracy, practices of American government as established by the United States Constitution, basic concepts of American politics and citizenship, and concepts in macro and micro economics and personal finance. The essential standards of this course are organized under three strands – Civics and Government, Personal Financial Literacy, and Economics. The Civics and Government strand is framed to develop students' increased understanding of the institutions of constitutional democracy and the fundamental principles and values upon which they are founded, the skills necessary to participate as effective and responsible citizens and the knowledge of how to use democratic procedures for making decisions and managing conflict. The Economic and Personal Financial Literacy strands are framed to provide students with an understanding of the role economic factors play in making economic decisions, the ability to reason logically about key economic issues and the knowledge and skills needed to manage personal financial resources effectively for lifetime financial security. This class is taught at an accelerated pace.

ADVANCED PLACEMENT

- 4A077X0 AP United States History**
[Prerequisite: Approval]
Credit: American History, Elective
Advanced Placement United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Students will analyze historical material, synthesize their own ideas, and evaluate those of others. The AP United States History course will develop the skills necessary to arrive at all conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. **Students are required to take the AP U.S. History Examination.**
- 4A017X0 AP European History**
[Prerequisite: World History HN, AP World History, or Approval]
Credit: Elective
The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. **Students are required to take the AP European History Examination.**
- 4A057X0 AP Psychology**
[Prerequisite: Approval]
Credit: Elective
This in-depth course traces the emergence of scientific psychology in the nineteenth century from its roots in philosophy and physiology, and covers the development of the major “schools” of psychology, showing how these schools differed in what they viewed as the proper subject matter of psychology and the methods they used to study it. **Students are required to take the AP Psychology Examination.**
- 4A067X0 AP Government & Politics: US**
[Prerequisite: Civics]
Credit: Elective
This course provides students an intellectual foundation for observing, analyzing, and understanding national politics in the United States. Using primary and secondary source documents, as well as analysis of specific examples, students will examine and evaluate the institutions of American government, political parties and elections, mass media, political behavior, public policies, and the development of individual rights and liberties and their impact on citizens. The content of this course is the equivalent to that of an introductory college course in U.S. government and politics. **Students are required to take the AP U.S. Government and Politics examination.**
- 4A087X0 AP World History**
[Prerequisite: Approval]
Credit: World History, Elective
The purpose of the Advanced Placement World History course is to use relevant factual knowledge taken from primary and secondary sources with high-order thinking skills to acquire a greater understanding of the development of global processes, from ancient times to the present day. The course emphasizes the character of change and continuity in world structures and their impacts. Furthermore, this study will evaluate the interchange of major societies in the global community and the results of that interplay. Throughout the duration of this course, the instruction lends itself to chronological periodization as well as thematic perspective. **Students are required to take the AP World History examination.**

4A027X0 AP Human Geography
[Prerequisite: Approval]
Credit: Elective

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. **Students are required to take the AP Human Geography examination.**

4A007X0 AP Comparative Government and Politics
[Prerequisite: Approval]

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. **Students are required to take the AP Comparative Government and Politics Exam.**

SOCIAL STUDIES

Electives - Will not meet Social Studies requirements for graduation

44032X0 Psychology
HN 44035X0 Credit: Elective

This course provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions, how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information and form meaningful syntheses. Students will also investigate relevant concepts like study skills and information retention.

WORLD LANGUAGES

The UNC System recommends two credits from the same World Language.

Level III and above for any World Language will be an Honors credit.

11012X00 French I
Credit: Elective

Emphasis is on the development of listening, speaking, reading, and writing skills. Students learn correct pronunciation and basic vocabulary and grammar. Cultural studies include learning the geography of France, information about Paris, and the interests of French teenagers.

11022X0 French II
[Prerequisite: French I]
Credit: Elective

Listening, speaking, reading, and writing skills are continued at an intermediate level. Culture studies include geography of French-speaking countries throughout the world and an introduction to historical Franco-American influences.

- 11035X0H French III HN**
[Prerequisite: French II]
Credit: Elective
 Students participate in progressively more challenging conversations and communicate successfully in basic survival situations. Students learn to express themselves using constructions that are more complex. This course includes a wide variety of readings in French from French-speaking cultures.
- 11045X00 French IV HN**
[Prerequisite: French III]
Credit: Elective
 Oral and written proficiency are expected at this level. This course includes a study of French speaking culture and writings. Grammatical structures are taught with the context of literature and culture.
- 1A037X0 AP French Language & Culture**
[Prerequisite: French IV and/or Approval]
Credit: Elective
 The Advanced Placement French course emphasizes the use of language for active communication. Students develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than focusing on any specific subject matter. Emphasis is placed on comprehension of the spoken and written target language in various contexts, coherent and resourceful communication, and the organization and writing of compositions. ***Students who take this course are required to take the AP Examination.***
- 11612X00 German I**
Credit: Elective
 This course provides an introduction to the German language, peoples, countries, and customs with special emphasis placed on conversational skills that include topics such as sports, school, music, food, clothing, and vacations. Students practice their skills through letter writing and internet-based activities.
- 11622X00 German II**
[Prerequisite: German I]
Credit: Elective
 Students learn about life, civilization, geography, history, politics, cooking, literature, art, and music of German speaking countries while focusing on listening, speaking, reading, and writing skills. Some authentic materials are introduced in writing and other available media. Computer drills are provided to help students prepare for the optional National German Testing Program.
- 11635X00 German III HN**
[Prerequisite: German II]
Credit: Elective
 The main objective of this course is improvement of oral and written German. Students read and discuss recent, authentic German texts. They learn to express themselves independently with the help of resource materials. Students also engage in creative writing and acting and are exposed to real-life situations. Internet-based German grammar and vocabulary activities are offered to review.
- 11645X00 German IV HN**
[Prerequisite: German III]
Credit: Elective
 This course consists mainly of a closer study in German culture and thought. Students study excerpts from the works of German writers and thinkers and also work on projects relating to these studies. Occasional discussions of recent newspaper articles as well as TV programs and World Wide Web activities provide students with insights into the German-speaking world today. Students also prepare and teach German language units to children.

- 1A047X0 AP German Language & Culture**
[Prerequisite: German IV and/or Approval]
Credit: Elective
 The Advanced Placement German course emphasizes the use of language for active communication. Students develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than focusing on any specific subject matter. Emphasis is placed on comprehension of the spoken and written target language in various contexts, coherent and resourceful communication, and the organization and writing of compositions. **Students who take this course are required to take the AP Examination.**
- 11412X00 Spanish I**
Credit: Elective
 Students begin to attain proficiency in the skills of listening and speaking. Topics useful to conversing with natives are included as well as topics of particular interest to teenagers. Greetings, numbers, telling time, and weather expressions are learned. Students must learn how to conjugate verbs in order to communicate clearly.
- 1422X00 Spanish II**
[Prerequisite: Spanish I]
Credit: Elective
 Students review basic grammatical structures taught in Spanish I and expand their working vocabulary with listening, speaking, reading, and writing skills. Students who successfully complete this course should have a command of the key vocabulary and structures necessary for personal communication.
- 11435X00 Spanish III HN**
[Prerequisite: Spanish II]
Credit: Elective
 Students participate in progressively more challenging conversations and communicate successfully in basic survival situations. Students learn to express themselves using more complex constructions. This course includes readings in Spanish.
- 11445X00 Spanish IV HN**
[Prerequisite: Spanish III]
Credit: Elective
 Oral and written proficiency are expected at this level. This course includes a study of renowned Hispanic artists, basic literature, history, and culture. This study touches on literary works of humor, heroism, legends, poetry, drama and indigenous peoples of the Americas. Grammatical structures are taught in conjunction with the literature.
- 1A087X0 AP Spanish Language & Culture**
[Prerequisite: Spanish IV and/or Approval]
Credit: Elective
 The Advanced Placement Spanish course emphasizes the use of language for active communication. Students develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than focusing on any specific subject matter. Emphasis is placed on comprehension of the spoken and written target language in various contexts, coherent and resourceful communication, and the organization and writing of compositions. **Students who take this course are required to take the AP Examination.**

HEALTH AND PHYSICAL EDUCATION

- 60492X0 Health and Physical Education**
Credit: Health/Physical Ed.
 This required course emphasizes the history, rules, strategies, specific motor skills, stretching, and strength training in activity study in addition to health education units such as nutrition, chemical substance abuse, first aid/CPR, family living, abstinence, AIDS, and mental health. Pre-tests, mid-term tests, and post-tests are used to measure and develop physical fitness. **This course fulfills the CPR graduation requirement.**

HEALTH AND PHYSICAL EDUCATION

Electives

60392X0WM Weight Training (Male)

Credit: Elective

This course introduces a systematic program of body conditioning through the use of weights. Emphasis is placed on aerobic exercises and progressive build-up of sets, repetitions, and weights used. This class encourages ongoing lifetime fitness.

60392X0WM2 Advanced Weight Training (Male)

[Prerequisite: Weight Training and/or Approval]

Credit: Elective

This course, designed to provide a more rigorous, advanced workout routine for the avid male weight lifter preparing to compete in weight-lifting contests, athletics, and qualify as a weight instructor by providing individualized physical fitness program involving agility drills, distance runs, etc. Upon completion of this course, students should be able to develop and execute an extensive weight-training program.

60392X0WF Weight Training (Female)

Credit: Elective

This course introduces a systematic program of body conditioning through the use of weights. Emphasis is placed on aerobic exercises and progressive build-up of sets, repetitions, and weights used. This class encourages ongoing lifetime fitness.

60392X0WF2 Advanced Weight Training (Female)

[Prerequisite: Weight Training and/or Approval]

Credit: Elective

This course, designed to provide a more rigorous, advanced workout routine for the avid female weight lifter preparing to compete in weight lifting contests, athletics, and qualify as a weight instructor by providing individualized physical fitness program involving agility drills, distance runs, etc. Upon completion of this course, students should be able to develop and execute an extensive weight-training program.

60392X0L Lifetime Sports

[Prerequisite: Health/PE]

Credit: Elective

This course is designed to teach students concepts related to fitness throughout their lifetime as it applies in sports. Students will learn through in-depth and applied studies in golf, tennis, bowling, badminton, and other sports in which participation can be maintained into and throughout adulthood. Assessment measures will include technical improvements, cognitive knowledge, and application of strategy.

60392X0T1 Team Sports I

Credit: Elective

This course combines vigorous physical activity with team competition in various indoor and outdoor games. Students are given an overall view of rules, fundamentals, and skills for each activity. Physical fitness testing and programs are part of the class instruction.

60392X0T2 Team Sports II

Credit: Elective

Students participate in basketball, track, field, softball, and other activities. Both lead-up games and fundamentals are stressed. This course also promotes fitness.

51152X00 Dance and Movement Activities

Credit: Fine Arts, Elective

In this course, students gain the knowledge and the fundamentals of all dance forms and related movement skills. Dances include modern, social, and folk; movement activities include walking, jogging, and motor-related skills. This course encourages ongoing lifetime fitness.

60602X0 Athletic Physical Education I
[Prerequisite: Approval]
Credit: Elective

This course is designed to enhance and further develop an in-depth study and practical application in interscholastic team sports. The course emphasizes the detailed knowledge of theories and facts related to each activity; program planning for each activity; specific conditioning related to activity performance; team strategies and situation analysis; specific physical motor skill development, and proper technique in the set-up and use of equipment necessary for specific activities. **[Student athletes enrolled in this course are expected to participate in one of the interscholastic team sports.]**

60612X0 Athletic Physical Education II
[Prerequisite: Approval]
Credit: Elective

This course is designed to enhance and further develop an in-depth study and practical application in interscholastic team sports. The course emphasizes the detailed knowledge of theories and facts related to each activity; specific conditioning related to activity performance team strategies and situation analysis; specific physical motor skill development; and proper technique in the set-up and use of equipment necessary for specific activities. **[Student athletes enrolled in this course are expected to participate in one of the interscholastic team sports.]**

CAREER & TECHNICAL EDUCATION

AGRICULTURE

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/CTE courses may be offered at Honors level)

Agriculture will be offered at East Burke High School and Freedom High School. Students who are interested in taking Agriculture must provide their own transportation to either EBHS or FHS.

AU102X0 Agriscience Applications
HN AU105X0 Credit: CTE

This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science, and agribusiness. Topics of instruction include agricultural awareness and literacy, employability skills and introduction to all aspects of the total agricultural industry. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

AP412X0 Horticulture I
HN AP415X0 Credit: CTE

This course provides instruction on the broad field of horticulture with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, and career opportunities. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, internship, mentorship, school-based enterprise, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

AP422X0 Horticulture II
HN AP425X0 [Prerequisite: Horticulture I]
Credit: CTE

This course covers instruction that expands scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, and personal development. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

AA212X0 Animal Science I
HN AA215X0 Credit: CTE

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

AA222X0 Animal Science II
HN AA225X0 [Prerequisite: Animal Science I]
Credit: CTE

This course includes more advanced scientific principles and communication skills and includes animal anatomy and physiology, animal management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. English language arts, mathematics, and science are reinforced in this class. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

BUSINESS, FINANCE, AND INFORMATION TECHNOLOGY

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/ CTE courses may be offered at Honors level)

BB302X00 Business Law
HN BB305X00 [Prerequisite: Principles of Business and Finance]
Credit: CTE

This course is designed to acquaint students with the basic legal principles common to all aspects of business and personal law. Business topics include contract law, business ownership including intellectual property, financial law, and national and international laws. Personal topics include marriage and divorce law, purchasing appropriate insurance, renting and owning real estate, employment law, and consumer protection laws. Social studies and English language arts are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, internship, and job shadowing. Apprenticeship and cooperative education are not available for this course. 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.

BM202X0 Microsoft Excel and Access
HN BM205X0 Credit: CTE

Credential Course

Students in Microsoft IT Academies benefit from world-class Microsoft curriculum and cutting-edge software tools to tackle real-world challenges in the classroom environment. The first part of the class is designed to help you use the newest version of Microsoft Excel interface, commands, and features to present, analyze, and manipulate various types of data. Students will learn to manage workbooks as well as how to manage, manipulate, and format data. In the second part of the class, students will learn how to create and work with a database and its objects by using the new and improved features in newest version of Microsoft Access. Students will learn how to create, modify, and locate information as well as how to create programmable elements and share and distribute database information. Mathematics is reinforced. Work-based learning strategies appropriate for this course include cooperative education, internship, service learning, and job shadowing. Apprenticeship is not available for this course. 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. This course can help prepare students for the Microsoft Office Specialist (MOS) in Excel and/or Access, <http://www.microsoft.com/learning/en/us/certification/mos.aspx>.

BM102X0 Microsoft Word and PowerPoint
HN BM105X0 Credit: CTE

Credential Course

Students in Microsoft IT Academies benefit from world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom environment. In the first part, students will learn to use the newest version of Microsoft Word interface, commands, and features to create, enhance, customize, share and create complex documents, and publish them. In the second part, students will learn to use the newest version of Microsoft PowerPoint interface, commands, and features to create, enhance, customize, and deliver presentations. In the last part, students will learn to use the basic features of the newest version of Publisher to create, customize, and publish a publication. English language arts are reinforced. Work-based learning strategies appropriate for this course include cooperative education, internship, service learning, and job shadowing. Apprenticeship is not available for this course. 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. This course can help prepare students for the Microsoft Office Specialist (MOS) in Word and/or PowerPoint, <http://www.microsoft.com/learning/en/us/certification/mos.aspx>.

BD102X0 Multimedia and Webpage Design
HN BD105X0 Credit: CTE

This course focuses on desktop publishing, graphic image design, computer animation, virtual reality, multimedia production, and webpage design. Communication skills and critical thinking are reinforced through software applications. English language arts and arts are reinforced. Work-based learning strategies appropriate for this course include cooperative education, internship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. 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.

BF052X0 Personal Finance
HN BF055X0 Credit: CTE

Credential Course

This course prepares students to understand economic activities and challenges of individuals and families, the role of lifestyle goals in education and career choices, procedures in a successful job search, financial forms used in independent living, and shopping options and practices for meeting consumer needs. The course also prepares students to understand consumer rights, responsibilities, and information, protect personal and family resources, and apply procedures for managing personal finances. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. DECA (an association for Marketing Education students), Future Business Leaders of America (FBLA) and 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.

BF102X00 Principles of Business and Finance
HN BF105X00 Credit: CTE, 4th Math

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

FAMILY AND CONSUMER SCIENCE

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/ CTE courses may be offered at Honors level)

FA312X00 Apparel and Textile Production I
HN FA315X00 Credit: CTE, 4th Math

In this course students are introduced to clothing production in the areas of preparation for clothing construction, basic clothing construction techniques, consumer decisions, textiles, historical perspectives and design, and career opportunities. Emphasis is placed on students applying these construction and design skills to apparel and home fashion. Art, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and Cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FA322X00 Apparel and Textile Production II
HN FA325X00 [Prerequisite: Apparel and Textile Production I]
Credit: CTE, 4th Math

In this course, students are introduced to advanced clothing and housing apparel development skills. The use of fibers and fabrics is combined with design and construction techniques to develop and produce clothing or housing apparel products. A real or simulated apparel business enterprise and FCCLA activities allow students to apply instructional strategies and workplace readiness skills to an authentic experience and to develop a portfolio. Mathematics and science are reinforced. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning and job shadowing. Apprenticeship is not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FE112X00 Early Childhood Education I
HN FE115X00 [Prerequisite: Students must be 16 by October 1]
Credit: CTE

This **two-credit** course prepares students to work with children in early education and child care settings. Areas of study include personal and professional preparation, child development from birth to age 12, techniques and procedures for working with young children, and history, trends and opportunities in this field. An internship makes up 50 percent of instructional time. Work-based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing. Cooperative education and apprenticeship are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Parenting and Child Development is recommended as preparation for this course. Because they intern in early childhood centers that must meet NC Child Care General Statute 110.91, Section 8, students must be 16 years of age prior to October 1 to enroll in this course. Student must provide transportation to day care center.

http://www.ncga.state.nc.us/EnactedLegislation/Statutes/HTML/BySection/Chapter_110/GS_110-91.html

FE122X00 Early Childhood Education II
HN FE125X00 [Prerequisite: Early Childhood Education --Students must be 16 by October 1]

Credit: CTE

This **two-credit** course provides advanced experiences in working with children from infancy to age 12 in early education and child care settings. Areas of study include program planning and management, developmentally appropriate practice, procedures and strategies for working with special groups of children, and career development and professionalism. An internship makes up 50 percent of instructional time. Work-based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing. Cooperative education and apprenticeship are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Because they intern in early childhood centers that must meet NC Child Care General Statute 110.91, Section 8, students must be 16 years of age prior to October 1 to enroll in this course.

http://www.ncga.state.nc.us/EnactedLegislation/Statutes/HTML/BySection/Chapter_110/GS_110-91.html

FN412X00 Foods I
HN FN415X00 Credit: CTE

This course examines the nutritional needs of the individual. Emphasis is placed on the relationship of diet to health, kitchen and meal management, food preparation and sustainability for a global society, and time and resource management. English language arts, mathematics, science, and social studies are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FN422X00 Foods II - Enterprise
HN FN425X00 [Prerequisite: Foods I]

Credit: CTE

This course focuses on advanced food preparation techniques while applying nutrition, food science, and test kitchen concepts using new technology. Food safety and sanitation receive special emphasis, with students taking the exam for a nationally recognized food safety credential. Students develop skills in preparing foods such as beverages, salads and dressing, yeast breads, and cake fillings and frostings. A real or simulated in-school food business component allows students to apply instructional strategies. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning and job shadowing. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Go to <http://www.servsafe.com/> for information on the student credentialing program and testing information.

FI512X00 Interior Design I
HN FI515X00 Credit: CTE, 4th Math

This course focuses on housing needs and options of individuals and families at various stages of the life cycle. Emphasis is placed on selecting goods and services and creating functional, pleasing living environments using sound financial decisions and principles of design. Topics of study include elements and principles of design, backgrounds and furnishings, architectural styles and features, and functional room design. Art and mathematics are reinforced. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Family, Career 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.

FI522X00 Interior Design II
HN FI525X00 [Prerequisite: Interior Design I]
Credit: CTE, 4th Math

This course prepares students for entry-level and technical work opportunities in the residential and non-residential interior design fields. Students deepen their understanding of design fundamentals and theory by designing interior plans to meet living space needs of specific individuals or families. Topics include application of design theory to interior plans and production, selection of materials, and examination of business procedures. Art and mathematics are reinforced. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FE602X00 Parenting and Child Development
HN FE605X00 Credit: CTE

This course introduces students to responsible nurturing and basic applications of child development theory with children from infancy through age six. Areas of study include parenthood decisions, child care issues, prenatal development and care, and development and care of infants, toddlers, and children three through six. Emphasis is on responsibilities of parents, readiness for parenting, and the influence parents have on children while providing care and guidance. Art, English language arts, and science are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

BF052X00 Personal Finance
HN BF055X00 Credit: CTE
Credential Course

This course prepares students to understand economic activities and challenges of individuals and families, the role of lifestyle goals in education and career choices, procedures in a successful job search, financial forms used in independent living, and shopping options and practices for meeting consumer needs. The course also prepares students to understand consumer rights, responsibilities and information, protect personal and family resources, and apply procedures for managing personal finances. English language arts and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. DECA (an association for Marketing Education students), Future Business Leaders of America (FBLA) and 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.

FH712X00 ProStart I®
HN FH715X00 [Prerequisite: Foods I]
Credit: CTE
Credential Course

This national credentialing and fundamental food service course allows students to master kitchen basics, such as foodservice equipment, nutrition, breakfast foods, salads and garnishes, and fruits and vegetables. A heavy emphasis is placed on safety and sanitation, including preparing and serving safe food and preventing accidents and injuries. Students learn about successful customer relations and working with people, business math, and controlling foodservice cost. A required, one-credit paid or unpaid 200-hour internship will count toward the National ProStart® Certificate of Achievement at the conclusion of ProStart® II. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Students are eligible to compete at the state and national levels of Family, Career and Community Leaders of America (FCCLA) and/or ProStart® competitive events. Community service and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Go to <http://prostart.restaurant.org/> for information on the student credentialing program and testing information.

FH722X00 ProStart II®
HN FH725X00 [Prerequisite: ProStart I®]
Credit: CTE, 4th Math
Credential Course

In this national credentialing, one credit, and second level fundamental food service course, students study advanced skills hospitality industry, including tourism and the retail industry, the history of foodservice, and the lodging industry. Advanced food service skills include potatoes and grains, meat, poultry, seafood, stocks, soups and sauces, desserts, and baked goods. Service skills are refined through the art of service and communicating with customers. Students learn purchasing and industry control, standard accounting practices and how to build restaurant sales through marketing and the menu. Students will complete the remainder of a required 400-hour paid or unpaid one-credit internship, which will count toward the National ProStart® Certificate of Achievement. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Students are encouraged to compete at the state and national levels of Family, Career and Community Leaders of America (FCCLA) and/or ProStart® competitive events. Community service and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FC102X00 Teen Living
HN FC105X00 Credit: CTE

This course examines life management skills in the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, fashion and clothing, and job readiness. Emphasis is placed on students applying these skills during their teen years. Through simulated experiences, they learn to fulfill their responsibilities associated with the work of the family and community. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include mentorship and service learning. Apprenticeship and cooperative education are not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

HEALTH SCIENCE EDUCATION

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/ CTE courses may be offered at Honors level)

HU102X00 Health Team Relations - (Introduction to Health Science)
HN HU105X00 Credit: CTE

This course focuses on basic knowledge and skills necessary to enter a health care profession. Students will learn about health care careers and the different opportunities in health care. Students will understand how biotechnology affects your life. Students will understand science, history, human behavior, math, vocabulary, and career learning. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts, math, and science are reinforced in this course. Future Health Professionals (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. This class is highly recommended before taking Health Science I.

HU402X00 Health Science I
HN HU405X00 Credit: CTE

This course focuses on human anatomy, physiology and human body diseases and disorders, and biomedical therapies. Students will learn about health care careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. 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. Biology is recommended as preparation for this course.

HU422X00 Health Science II
HN HU425X00 [Prerequisite: Health Science I OR PLTW Human Body Systems]
Credit: CTE
Credential Course

This course is designed to help students expand their understanding of financing and trends of health care agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills, including current CPR and first aid training. English language arts and science are reinforced in this course. Work-based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. 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.

HN432X00 Nursing Fundamentals*
HN HN435X00 [Prerequisite: Health Science II]
Credit: CTE
Credential Course

This **two-credit** course is designed for students interested in medical careers where personal care and basic nursing skills are used. This course is an enhanced adaptation of the North Carolina Division of Health Service Regulation (DHSR) Nurse Aide I (NAI) curriculum and helps prepare students for the National Nurse Aide Assessment (NNAAP). Students who pass the NNAAP become listed on the [NC NAI Registry](#). English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include a required clinical internship in a long-term care agency. Healthcare agencies may require testing for tuberculosis and/or other diseases and a criminal record check for felonies related to drugs. Cooperative education is not available for this course. HOSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

MARKETING AND ENTREPRENEURSHIP EDUCATION

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/ CTE courses may be offered at Honors level)

BF052X00 Personal Finance
HN BF055X00 Credit: CTE
Credential Course

This course prepares students to understand economic activities and challenges of individuals and families, the role of lifestyle goals in education and career choices, procedures in a successful job search, financial forms used in independent living, and shopping options and practices for meeting consumer needs. The course also prepares students to understand consumer rights, responsibilities, and information, protect personal and family resources, and apply procedures for managing personal finances. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. DECA (an association for Marketing Education students), Future Business Leaders of America (FBLA) and 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.

BF102X00 Principles of Business and Finance
HN BF105X00 Credit: CTE, 4th Math

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

MH312X00 Sports and Entertainment Marketing I

HN MH315X00 Credit: CTE

In this course, students are introduced to the industry of sports, entertainment, and event marketing. Students acquire transferable knowledge and skills among related industries for planning sports, entertainment, and event marketing. Topics included are branding, licensing, and naming rights; business foundations; concessions and on-site merchandising; economic foundations; human relations; and safety and security. Mathematics and social studies are reinforced. Work-based learning strategies appropriate include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. DECA (an association for Marketing Education students) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

TECHNOLOGY AND INDUSTRIAL EDUCATION

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/ CTE courses may be offered at Honors level)

TE212X00 Principles of Technology I

HN TE215X00 Credit: CTE, 4th Math

This course provides a project based learning approach to understanding the fundamental principles and concepts of physics and associated mathematics. Emphasis is placed on understanding mechanical, electrical, fluid, and thermal systems as they relate to work, force, rate, resistance, energy, and power. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Cooperative education is not available for this course. Apprenticeship is not available for this course. 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. Math I and Technology Engineering and Design are recommended as preparation for this course.

TRADE AND INDUSTRIAL EDUCATION

(CTE POST ASSESSMENT REQUIRED FOR MOST COURSES/CTE courses may be offered at Honors level)

Automotive courses will be offered at Freedom High School and Patton High School. Students who are interested in taking automotive courses must provide their own transportation to either FHS or PHS.

IT112X0 Introduction to Automotive Service

HN IT115X0 Credit: CTE

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 NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are not available for this course. SkillsUSA competitive events, community service and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IT162X0 Automotive Service I

HN IT165X0 [Prerequisite: Introduction to Automotive Service]

Credit: CTE

Credential Course

This course develops automotive knowledge and skills in performing scheduled automotive maintenance, servicing and basic testing of brakes, electrical systems, drivetrain, engine, HVAC and steering & suspension systems, emphasizing hands-on experience. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IT172X0 Automotive Service II
HN IT175X0 [Prerequisite: Automotive Service I]
Credit: CTE
Credential Course

This course builds on the knowledge and skills introduced in Automotive Service I and develops advanced knowledge and skills in vehicle system repair and/or replacement of components in the brakes, electrical systems, drivetrain, engine, HVAC and steering & suspension systems, emphasizing hands-on experience. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, and job shadowing. This course helps prepare students for the Automotive Service Excellence (ASE) certification in Maintenance and Light Repair (MLR – G1). SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IT182X0 Automotive Service III
HN IT185X0 [Prerequisite: Automotive Service II]
Credit: CTE
Credential Course

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 & suspension systems, while emphasizing hands-on experience. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, and job shadowing. This course helps prepare students for the Automotive Service Excellence (ASE) certification in Maintenance and Light Repair (MLR – G1). SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Cabinetmaking courses will be offered at Patton High School. Students who are interested in taking Cabinetmaking courses must provide their own transportation to PHS.

IM212X00 Cabinetmaking I
HN IM215X00 Credit: CTE

This course introduces career information, employment opportunities, and skills required for work in the furniture and cabinetmaking industry. Topics include tools and equipment, theory and practice, types of woods, finishes, styles, bonds, and fasteners. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Math I is recommended as preparation for this course.

IM222X00 Cabinetmaking II
HN IM225X00 [Prerequisite: Cabinetmaking I]
Credit: CTE

This course teaches the development of knowledge and skills in the furniture and cabinetmaking industry. Emphasis is placed on construction principles applied to mass production and the construction and installation of cabinet drawers and doors. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Math II is recommended as preparation for this course.

IM232X00 Cabinetmaking III
HN IM235X00 [Prerequisite: Cabinetmaking II]
Credit: CTE

This course teaches the development of advanced knowledge and skills in the furniture and cabinetmaking industry. Further emphasis is placed on construction principles applied to mass production and the construction and installation of cabinet drawers and doors. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Math II is recommended as preparation for this course.

IC212X00 Carpentry I
HN IC215X00 Credit: CTE, 4th math
Credential Course

This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on development of introductory skills. English language arts and mathematics 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. Math II is recommended as preparation for this course.

IC222X00 Carpentry II
HN IC225X00 [Prerequisite: Carpentry I]
Credit: CTE
Credential Course

This course covers additional technical aspects of carpentry with emphasis on development of intermediate skills. The course content includes floor systems, wall and ceiling framing, roof framing, introductions to concrete, reinforcing materials and forms, windows and exterior doors, and basic stair layout. English language arts and mathematics 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. Math II is recommended as preparation for this course.

IC232X00 Carpentry III
HN IC235X00 [Prerequisite: Carpentry II]
Credit: CTE, 4th math
Credential Course

This course develops advanced technical aspects of carpentry with emphasis on development of skills. The course content includes roofing applications, thermal and moisture protection, exterior finishing, cold formed steel framing and drywall installations. English language arts and mathematics 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. Math II is recommended as preparation for this course.

IC002X00 Core and Sustainable Construction
HN IC005X00 Credit: CTE
Credential Course

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 blueprints, material handling, basic communication skills, and 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. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. This course helps prepare students for additional National Center for Construction Education and Research (NCCER) Core certification. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Math II is recommended as preparation for this course.

Drafting courses will be offered at East Burke High School. Students who are interested in taking Drafting courses must provide their own transportation to EBHS.

IC612X00
HN IC615X00

Drafting I
Credit: CTE, 4th math

This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas and concepts found in the areas of architecture, manufacturing, engineering, science, and mathematics. Topics include problem-solving strategies, classical representation methods such as sketching, geometric construction techniques, as well as computer assisted design (CAD), orthographic projection, and 3-D modeling. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IC622X00
HN IC625X00

Drafting II - Architectural
[Prerequisite: Drafting I]
Credit: CTE, 4th math

This course focuses on the principles, concepts, and use of complex graphic tools used in the field of architecture, structural systems, and construction trades. Emphasis is placed on the use of computer assisted design (CAD) tools in the creation of floor plans, wall sections, and elevation drawings. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IC632X00
HN IC635X00

Drafting III - Architectural
[Prerequisite: 7962 Drafting II – Architectural]
Credit: CTE

This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of computer assisted design (CAD) tools in the design and execution of site and foundation plans as well as topographical information and detail drawings of stairs and wall sections. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Math II is recommended as preparation for this course.

IC112X00
HN IC115X00

Masonry I
Credit: CTE
Credential Course

This course covers basic masonry terminology and develops technical aspects of masonry with emphasis on development of introductory skills. This course introduces the nature of masonry technology, materials and supplies, and employability skills. Topics include safety, layout, tools, leveling, and plumbing, use of straight-edge, and jointing brick and block in wall construction. Mathematics and English language arts 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.

IC122X00 Masonry II
HN IC125X00 [Prerequisite: Masonry I]
Credit: CTE, 4th math
Credential Course

This course builds on skills mastered in Masonry I and provides advanced masonry skills including measurements, drawing and specifications, mortar, masonry units, and installation techniques. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. Math II is recommended as preparation for this course. 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.

IC132X00 Masonry III
HN IC135X00 [Prerequisite: Masonry II]
Credit: CTE
Credential Course

This course develops advanced technical aspects of Masonry with emphasis on development of skills introduced in Masonry II. The course content includes residential plans and drawing interpretation, residential masonry, grout and other reinforcement, and metalwork in masonry. Introductory skills for the Crew Leader are also introduced in this course. English language arts and mathematics 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.

Graphics courses will be offered at East Burke High School. Students who are interested in taking Graphics courses must provide their own transportation to EBHS.

IA110X00 Intro to Graphic Communication (Printing Graphics I)
Credit: CTE

This course provides students an overall understanding of the printing industry, its major operations, and the fundamental measurement, math, and interpersonal skills needed for a career in the printing industry. The content is theory-based and requires students to learn production-related issues, rather than to demonstrate performance. This course helps prepare students for the PrintEd Introduction to Graphic Communication Certification. Art, English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are not available for this course. SkillsUSA competitive Events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IA122X0 Digital File Preparation (Printing Graphics II)
HN IA125X0 [Prerequisite: Printing Graphics I]
Credit: CTE

This course focuses on the digital aspects of designing and programming needed in the digital printing age. Knowledge needed in this area requires student to understand the basic concepts and procedures in each step of file preparation. Students learn about file-related issues and to demonstrate various skills in creating and exporting images and laying out a page in appropriate software. Presses are not required. 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 the PrintEd Digital File Preparation certification. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IA135X00 Print Advertising & Design HN (Printing Graphics III)

[Prerequisite: Printing Graphics I and II]

Credit: CTE

This course covers digital aspects of designing and programming needed in the digital printing. Hands-on activities for this course include the use of computer equipment and digital input devices. No presses are required. The course involves the application of creative thinking and development of design problems. Art, English language arts, and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

Public Safety/Fire Fighter Technology will be offered at Draughn High School and Patton High School. Students who are interested in taking Public Safety/Fire Fighter Technology must provide their own transportation to either DHS or PHS.

IP112X0 Public Safety I

Credit: CTE

This course provides basic career information in public safety including corrections, emergency and fire management, security and protection, law enforcement, and legal services. Additionally students will develop a personal plan for a career in public safety. The course includes skills in each area, using resources for the community to help deliver instruction to the students. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are not available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Recommended for 9th graders.

IP312X0 Fire Fighter Technology I

Credit: CTE

Credential Course

This course covers part of the NC Fire Fighter I/II combination certification modules required for all fire fighters in North Carolina. The modules include: Fire Department Orientation and Safety; Fire Prevention, Education, and Cause; Fire Alarms and Communications; Fire Behavior; Personal Protective Equipment; Portable Fire Extinguishers; and Fire Hose, Streams, and Appliances. English language arts are reinforced. Work-based learning strategies appropriate for this course including job shadowing. Apprenticeship and cooperative education are not available for this course. This course prepares students for the North Carolina Fire Fighter I/II certification modules. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IP322X0 Fire Fighter Technology II

[Prerequisite: Fire Fighter Technology I]

Credit: CTE

Credential Course

This course covers additional NC Fire Fighter I/II combination certification modules required for all fire fighters in North Carolina. The modules include: Ropes; Ladders; Forcible Entry; Ventilation; Water Supply; Sprinklers; and Foam Fire Stream. English language arts are reinforced. Work-based learning strategies appropriate for this course including job shadowing. Apprenticeship and cooperative education are not available for this course. This course prepares students for the North Carolina Fire Fighter I/II certification modules. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IP332X0 Fire Fighter Technology III

[Prerequisite: Fire Fighter Technology II]

Credit: CTE**Credential Course**

In this course, students select one specific occupation in the Career Cluster and conduct research to include the nature of the work, work environment, training, education, and advancement, and job prospects. Work-based learning strategies appropriate for this course including job shadowing and internship. Apprenticeship and cooperative training are not available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

EVERY SUBJECT AREA

CS952X00 CTE Advanced Studies HN †
HN CS955X00 [Prerequisite: Two technical credits in one Career Cluster]
Credit: CTE

This culminating course is for juniors and seniors who have earned two technical credits, one of which is a completer course, in one Career Cluster. **A student must complete all courses in a cluster before taking this course.** 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. DECA (an association for Marketing Education students), Future Business Leaders of America (FBLA), FFA, Family, Career and Community Leaders of America (FCCLA), 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.

CS962X00 CTE Apprenticeship †
[Prerequisite: Two technical credits in one Career Cluster]
Credit: CTE

Students who participate in apprenticeships or pre-apprenticeships through the North Carolina Department of Labor, Apprenticeship and Training Bureau can also earn CTE credit while they earn hours and experience toward an adult apprenticeship leading to a completed journeyman certificate. This course is appropriate for occupations that do not require a college degree but require a high level of skill and knowledge.

CS972X00 CTE Internship †
HN CS975X00 Credit: CTE

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.

† These courses are applicable in every subject area.

FINE ARTS

ART

54152X0 Beginning Art

Credit: Fine Arts, Elective

Students will have experiences in producing both two-dimensional and three-dimensional artworks. This course emphasizes the study of the elements of art and principles of design, color theory, vocabulary, art criticism, art history, and safety in the art room.

54162X0 Intermediate Visual Arts

Credit: Fine Arts, Elective

[Prerequisite: Beginning Art or Teacher Approval]

This course will continue the study of both two-dimensional and three-dimensional art-making techniques such as drawing, comics, painting, sculpture, crafts and pottery. The study of the elements of art, principles of design, color theory, vocabulary, and art history continues in Intermediate Visual Arts. Various art processes, procedures, and theories are presented in a problem-solving manner allowing students to make independent choices and personal solutions to problems. Student research of art and artists is a major source for gaining knowledge and understanding of past and present art forms.

54175X0 Proficient Visual Arts HN

[Prerequisite: Intermediate Visual Arts or Teacher Approval]

Credit: Fine Arts, Elective

Proficient Visual Arts builds on skills gained from the Intermediate Visual Arts course. This course allows the student to choose an area of interest and explore it in a more in depth level. Proficient Visual Arts also challenges students with advanced techniques, aesthetic issues, art criticism, and Art History, while providing each student an opportunity to develop a personal philosophy of art. In Proficient Visual Arts, students will assemble a portfolio based on technical quality, personal style, and guided direction. Honors level work is expected.

54185X0 Advanced Visual Arts HN

[Prerequisite: Proficient Visual Arts or Teacher Approval]

Credit: Fine Arts, Elective

In Advanced Visual Arts, students develop, clarify, and apply their philosophy of art and art making developed in Proficient Visual Arts through in-depth, independent, and advanced explorations with media techniques, processes, and aesthetics. Exceptional initiative, serious involvement, and commitment are expectations of an Advanced Visual Arts student. A portfolio evidencing high quality, a broad base of knowledge, and in-depth understanding of personal art forms is developed, refined and required for this course. Honors level work is expected.

54612X0 Visual Arts Specialization (Beginning)

[Prerequisite: Teacher Approval I]

Credit: Fine Arts, Elective.

This course is designed for students who have taken all art courses offered in their areas of interest. This course will help students continue to build their portfolios on a more independent level. Students must be able to work independently and be capable of making their own decisions.

54622X0 Visual Arts Specialization (Intermediate)

[Prerequisite: Teacher Approval]

Credit: Fine Arts, Elective.

This course is designed for students who have taken all art courses offered in their areas of interest. This course will help students continue to build their portfolios on a more independent level. Students must be able to work independently and be capable of making their own decisions.

54635X0 Visual Arts Specialization HN (Proficient)

[Prerequisite: Teacher Approval]

Credit: Fine Arts, Elective.

This course is designed for students who have taken all art courses offered in their areas of interest. This course will help students continue to build their portfolios on a more independent level, but at an Honors level. Students must be able to work independently and be capable of making their own decisions.

54645X0 Visual Arts Specialization HN (Advanced)

[Prerequisite Teacher Approval]

Credit: Fine Arts, Elective.

This course is designed for students who have taken all art courses offered in their areas of interest. This course will help students continue to build their portfolios on a more independent level, but at an Honors level. Students must be able to work independently and be capable of making their own decisions. Advanced students often explore media others are not exposed too and might be required to provide their own supplies.

ADVANCED PLACEMENT

5A047X0 AP Studio Art—Drawing Portfolio

[Prerequisite: Advanced Visual Arts or Teacher Approval]

Credit: Fine Arts, Elective

This course emphasizes the development of a wide range of skills and approaches of a personal artistic concentration and the preparation of an art portfolio for evaluation in May by a team of art teachers and professors representing the College Board (AP Art Portfolio Examination). High levels of commitment and outside work are required of students attempting this course. **Students who take this course are expected to complete an AP Art Portfolio.**

5A027X0 AP Studio Art—2-D Design Portfolio

[Prerequisite: Advanced Visual Arts or Teacher Approval]

Credit: Fine Arts, Elective

This course emphasizes the development of a wide range of skills and approaches of a personal artistic concentration and the preparation of an art portfolio for evaluation in May by a team of art teachers and professors representing the College Board (AP Art Portfolio Examination). High levels of commitment and outside work are required of students attempting this course. **Students who take this course are expected to complete an AP Art Portfolio.**

5A037X0 AP Studio Art—3-D Portfolio

[Prerequisite: Advanced Visual Arts or Teacher Approval]

Credit: Fine Arts, Elective

This course emphasizes the development of a wide range of skills and approaches of a personal artistic concentration and the preparation of an art portfolio for evaluation in May by a team of art teachers and professors representing the College Board (AP Art Portfolio Examination). High levels of commitment and outside work are required of students attempting this course. **Students who take this course are expected to complete an AP Art Portfolio.**

5A007X0 AP Art History

[Prerequisite: Approval]

Credit: Fine Arts, Elective

This course, provided for the highly motivated Art History student who plans to take the AP Art History Examination, involves an independent study of the college text, Gardner's Art History. Slide tests and essays are used to evaluate student progress. **Students are required to take AP Art History Exam.**

MUSIC

Music classes may be repeated for credit.

Participation in practices and performances is a requirement for the following courses:

52302X0A Beginning Vocal Music I A [Mixed Chorus Beginning Fall]

[Prerequisite: Teacher recommendation.]

Credit: Fine Arts, Elective

This course is open to all high school students who are interested in singing, especially freshmen and sophomores. In addition to singing a wide variety of music, members receive basic training in all phases of choral technique. Performances and good attendance habits are mandatory as this is a performance based class. **Audition is NOT required.**

- 52302X0B Beginning Vocal Music I B [Mixed Chorus Beginning Spring]**
[Prerequisite: Beginning Choral Music IA Fall and/or Teacher recommendation.]
Credit: Fine Arts, Elective
 This course is designed for high school choral students who are interested in singing, especially freshmen and sophomores. In addition to singing a wide variety of music, members receive basic training in all phases of choral technique. Performances and good attendance habits are mandatory as this is a performance based class. Students prepare for a variety of concerts, festivals, and other choral activities. This course will be offered second semester and students will experience more success in this course if Beginning Chorus IA is taken first semester. **Audition is NOT required.**
- 52312X0A Intermediate Vocal Music II A [Mixed Chorus Intermediate Fall]**
[Prerequisite: Beginning Chorus IA & IB and/or Teacher recommendation.]
Credit: Fine Arts, Elective
 This course is designed to further develop choral and vocal techniques, beyond Level I. This group studies and performs a variety of choral music throughout the semester, as well as a study of music theory. Students prepare for a variety of concerts, festivals, and other choral activities. Music courses are performance based; therefore, active participation and good attendance are required.
Audition is NOT required.
- 52312X0B Intermediate Vocal Music II B [Mixed Chorus Intermediate Spring]**
[Prerequisite: Beginning Chorus IA & IB and/or Teacher recommendation]
Credit: Fine Arts, Elective
 This course is designed to further develop choral and vocal techniques, beyond Intermediate Chorus IIA. This group studies and performs a variety of choral music throughout the semester; as well a study of music theory. Students prepare for a variety of concerts, festivals, and other choral activities. Music courses are performance based; therefore, active participation and good attendance are required.
Audition is NOT required.
- 52325X0A Proficient Vocal Music III A [Concert Choir Proficient HN Fall]**
[Prerequisite: Teacher recommendation]
Credit: Fine Arts, Elective
 This group studies and performs different quality choral music each year and attempts to cover as many different styles as possible. Students prepare for a variety of concerts, festivals, and other choral activities. Performances and good habits are mandatory as this is a performance-based class.
Audition is NOT required.
- 52325X0B Proficient Vocal Music III B [Concert Choir Proficient HN Spring]**
[Prerequisite: Completion of Proficient Chorus III A or Teacher recommendation.]
Credit: Fine Arts, Elective
 This group studies and performs different quality choral music each year and attempts to cover as many different styles as possible. Students prepare for a variety of concerts, festivals, and other choral activities. Performances and good habits are mandatory as this is a performance-based class.
Audition is NOT required.
- 52335X0A Advanced Vocal Music IV A [CHAMBER SINGERS HN Fall]**
[Prerequisite: Audition]
Credit: Fine Arts, Elective
 This course is designed for high school students with significant previous experience in vocal music at the high school level. Advanced Choral Music IV A is available to advanced vocal musicians by audition and completion of Level I, II, and III, or teacher recommendation. This course is designed to expand prior knowledge and provide a more in-depth study of proper performance techniques, music theory, music reading, composition, and history. Advanced Choral Music is a performance-based class. As a result, students are expected to maintain exceptional attendance habits and fulfill all of the many performance obligations and opportunities expected at the advanced level.

52335X0B Advanced Vocal Music IV B [CHAMBERS SINGERS Advanced HN Spring]

[Prerequisite: Audition]

Credit: Fine Arts, Elective

Course Description: This course is designed for high school students with significant previous experience in vocal music at the high school level. Advanced Choral Music IV B is available to advanced vocal musicians by audition and completion of level I, II, and III, or teacher recommendation. This course is designed to expand prior knowledge and provide a more in-depth study of proper performance techniques, music theory, music reading, composition, and history. Advanced Choral Music is a performance-based class. As a result, students are expected to maintain exceptional attendance habits and fulfill all of the many performance obligations and opportunities expected at the advanced level.

Beginner Level Instrumental Music (with approval) FALL

(Proficiency requirements available from your Band Director)

52552X0A Beginning Marching Band [Brass & Woodwinds ONLY] (Fall)

[Prerequisite: 8th Grade Band and Approval]

***** Rising Freshmen should have completed the Beginner level and risen to the Intermediate level. Further assessment and consultation from your Middle School Director may be necessary before Approval is granted. *****

Credit: Fine Arts Elective

The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52552X0BP Beginning Marching Band (Percussion) (Fall)

[Prerequisite: 8th Grade Band and Approval]

***** Rising Freshmen should have completed the Beginner level and risen to the Intermediate level. Further assessment and consultation from your Middle School Director may be necessary before Approval is granted. *****

Credit: Fine Arts Elective

The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52552X0BG Beginning Marching Band - GUARD (Flags, Rifle, Baton ONLY) (Fall)

[Prerequisite: Audition and/or Approval]

Credit: Fine Arts Elective

Students should register for this class in their first year as a GUARD member. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

Intermediate Level Instrumental Music FALL

(Proficiency requirements available from your Band Director)

52562X0A Intermediate Marching Band [Brass & Woodwinds ONLY] (Fall)

[Prerequisite: 8th Grade Band and Approval]

Credit: Fine Arts Elective

Entry level class for Freshmen. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52562X0BP Intermediate Marching Band (Percussion) (Fall)

[Prerequisite: 8th Grade Band and Approval]

Credit: Fine Arts Elective

Entry level class for Freshmen.

The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52562X0BG Intermediate Marching Band - GUARD (Flags, Rifle, Baton ONLY) (Fall)

[Prerequisite: Audition and/or Approval]

Credit: Fine Arts Elective

Students should register for this class as a GUARD member after completing the **Beginning Level**. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

Proficient Level Instrumental Music FALL

(Proficiency requirements available from your Band Director)

(HONORS Credit)

52575X0A Proficient Marching Band [Brass & Woodwinds ONLY] (Fall)

[Prerequisite: Intermediate Level completion and Approval]

Credit: Fine Arts Elective

Students on the Proficient level have mastered the mechanics and language of marching combined with their musical performance and will be placed into leadership positions within the band. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52575X0BP Proficient Marching Band (Percussion) (Fall)

[Prerequisite: Intermediate Level completion and Approval]

Credit: Fine Arts Elective

Students on the Proficient level have mastered the mechanics and language of marching combined with their musical performance and will be placed into leadership positions within the band. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52575X0BG Proficient Marching Band - GUARD (Flags, Rifle, Baton ONLY) (Fall)

[Prerequisite: Intermediate Level completion and Approval]

Credit: Fine Arts Elective

Students should register for this class as a GUARD member after completing the **Intermediate Level**.

The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

Advanced Level Instrumental Music FALL

(Proficiency requirements available from your Band Director)

(HONORS Credit)

52585X0A Advanced Marching Band [Brass & Woodwinds ONLY] (Fall)

[Prerequisite: Proficient Level completion and Approval]

Credit: Fine Arts Elective

Students on the Advanced level have mastered the mechanics and language of marching and perform at the highest level as leaders and soloists within the band. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52585X0BP Advanced Marching Band (Percussion) (Fall)
[Prerequisite: Proficient Level completion and Approval]
Credit: Fine Arts Elective
Students on the Advanced level have mastered the mechanics and language of marching and perform at the highest level as leaders and soloists within the band. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

52585X0BG Advanced Marching Band - GUARD (Flags, Rifle, Baton ONLY) (Fall)
[Prerequisite: Proficient Level completion and Approval]
Credit: Fine Arts Elective
Students should register for this class as a GUARD member after completing the Proficient Level.
Students on the Advanced level have mastered the mechanics and language of marching and performance with equipment and will serve as leaders, soloists, and choreographers within the band. The Marching Band participates in many required public performances including athletic games, contests, and parades. Students are expected to attend any after-school practices necessary to prepare for these performances. Students will participate in musical performance combined with visual design in primarily an outdoor performance atmosphere.

Beginner Level Instrumental Music (with approval) SPRING
(Proficiency requirements available from your Band Director)

52552X0F Beginning Symphonic Band (Spring)
[Prerequisite: Approval]
Credit: Fine Arts, Elective
***** Freshmen should have completed the Beginner level and risen to the Intermediate level. Further assessment and consultation from your High School Director may be necessary before Approval is granted. *****
Credit: Fine Arts Elective
The Symphonic Band studies and performs the finest band literature with emphasis placed on fundamental skills. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for those performances.

52552X0C Beginning Percussion Ensemble (Spring)
[Prerequisite: Approval]
Credit: Fine Arts, Elective
***** Freshmen should have completed the Beginner level and risen to the Intermediate level. Further assessment and consultation from your High School Director may be necessary before Approval is granted. *****
The Percussion Ensemble studies percussion literature and techniques. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for these performances.

Intermediate Level Instrumental Music (with approval) SPRING
(Proficiency requirements available from your Band Director)

52562X0F Intermediate Symphonic Band (Spring)
[Prerequisite: Approval]
Credit: Fine Arts, Elective
Entry Level Course for 2nd Semester Freshmen
The Symphonic Band studies and performs the finest band literature with emphasis placed on fundamental skills. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for those performances.

52562X0C Intermediate Percussion Ensemble (Spring)

[Prerequisite: Approval]

Credit: Fine Arts, Elective

Entry Level Course for 2nd Semester Freshmen

The Percussion Ensemble studies percussion literature and techniques. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for these performances

Proficient Level Instrumental Music (with approval) SPRING

(Proficiency requirements available from your Band Director)

(HONORS Credit)

52575X0G Proficient Wind Ensemble (Spring)

[Prerequisite: Intermediate Level and Audition]

Credit: Fine Arts, Elective

Students on the Proficient level have mastered the mechanics and language of their instrument(s) and perform at a high level within the band.

This group, a smaller auditioned band, devotes its time to the study and performance of the finest band literature at a much higher level of performance expectation. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for these performances.

52575X0C Proficient Percussion Ensemble (Spring)

[Prerequisite: Intermediate Level and Audition]

Credit: Fine Arts, Elective

Students on the Proficient level have mastered the mechanics and language of their instrument(s) and perform at a high level within the band.

The Percussion Ensemble studies percussion literature and techniques. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for these performances.

Advanced Level Instrumental Music (with approval) SPRING

(Proficiency requirements available from your Band Director)

(HONORS Credit)

52585X0G Advanced Wind Ensemble (Spring)

[Prerequisite: Proficient Level and Audition]

Credit: Fine Arts, Elective

Students on the Advanced level have mastered the mechanics and language of their instrument(s) and perform at the highest level within the band as leaders and soloists.

This group, a smaller auditioned band, devotes its time to the study and performance of the finest band literature at a much higher level of performance expectation. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for these performances.

52585X0C Advanced Percussion Ensemble (Spring)

[Prerequisite: Proficient Level and Audition]

Credit: Fine Arts, Elective

Students on the Advanced level have mastered the mechanics and language of their instrument(s) and perform at the highest level within the band as leaders and soloists.

This group, a smaller auditioned band, devotes its time to the study and performance of the finest band literature at a much higher level of performance expectation. Participation in performances is required, and students are expected to attend any after-school rehearsals necessary to prepare for these performances.

THEATRE

53152X00 Theatre Arts I
Credit: Fine Arts, Elective

Following the NC Common Core Standards for Theatre Arts, students begin to experience theatre as a collaborative art, study vocal exercise and using the voice in character interpretation, study the basics of movement, mime, acting with masks, improvisation, and interpretation of a character by use of body and movement, explore the basics of technical side of theater including makeup design and application, costume design, properties and set design, and lighting and sound design, read plays, research theatre history, and look at script analysis for the actor, the director, and the technical teams.

53162X00 Theatre Arts II
Credit: Fine Arts, Elective

Following the Common Core Standards for Theatre Arts, students continue to experience theatre as a collaborative art, study vocal exercise and using the voice in character interpretation, study movement, mime, acting with masks, improvisation, and interpretation of character by body and movement, continue to explore technical theater including makeup design and application, costume design, properties and set design, and lighting and sound design, collaboratively write a short play, analyze the script for the actor, the director, and the technical teams, and rehearse the play for a performance

53175X00 Theatre Arts III
Credit: Fine Arts, Elective

Following the Common Core Standards for Theatre Arts This semester, students will study a wide range of areas of performance theatre, study advanced vocal exercise, aging the voice, and using the voice in character interpretation. Students will also study advanced movement, mime, acting with masks, body movement for comic versus dramatic characters, introductory stage combat, and character interpretation. Students additionally look at script analysis for the actor as well as for the director and identify differences in actor's vision versus director's vision for a character, experience how the playing space dictates the actor's work, and also explore working to (and with) an audience.

JROTC

JROTC is currently offered at East Burke High School and Freedom High School. Students who are interested in taking JROTC must provide their own transportation to either EBHS or FHS.

95012X0 JROTC I
Credit: Elective

This course introduces students to the military and the history, purpose, and structure of JROTC. It includes instruction or leadership, first aid, oral communications, map reading, American military history, physical fitness, and the development of basic skills, such as drill and ceremonies and the wearing of the uniform.

95022X0 JROTC II
[Prerequisite: JROTC I]
Credit: Elective

This course is sequential; it reflects and builds upon instruction by reinforcing instruction received in leadership, oral communication, physical fitness, map reading, first aid, and leadership lab. New areas include the role of United States Army, career opportunities, and technology awareness.

95032X0 JROTC III
[Prerequisite: JROTC II]
Credit: Elective

This course is also sequential, emphasizing the application of leadership development. Cadets assume major roles of leadership in the battalion, and apply skills learned in I and II. Instruction continues in all subjects learned in previous years with additional emphasis on the development of citizenship, leadership, and optional subjects.

- 95042X0 JROTC IV**
[Prerequisite: JROTC III]
Credit: Elective
 The primary emphasis for this course is the practical application of the cadet's leadership duties and responsibilities within the cadet's battalion. The year is structured to allow cadets to perform their assigned command and staff duties, act as class instructors for selected subjects, as well as receive instruction through a self-paced study guide, suggested readings, seminars, vignettes, case studies, and special assignments.
- 95052X0 JROTC V**
[Prerequisite: JROTC IV]
Credit: Elective
 This course continues instruction using a self-paced study guide and ongoing development of leadership skills in the performance as assigned commanders and staff officers in the day-to-day management of the Corps of Cadets.
- 95062X0 JROTC VI**
[Prerequisite: JROTC V]
Credit: Elective
 This course continues the development of leadership/management theory application for principal commanders and staff officers, case studies, and special assignments.
- 95072X0 JROTC Advanced Skills +**
[Prerequisite: Approval]
Credit: Elective
 This course emphasizes the importance of physical fitness required in the development of advanced skills in leadership, precision drill skills, raider techniques, and marksmanship. Cadets undergo rigorous physical training exercises and close order drill to develop the coordination, mental alertness, and physical stamina required to become members of JROTC special teams.
- 95042X0L Leadership and Mentoring**
[Prerequisite: Successful completion of 4 JROTC credits and/or Approval]
Credit: Elective
 This course introduces mentoring and prepares cadets to develop the skills necessary in a mentoring relationship, to demonstrate an ability to acquire those skills, to recognize behavioral tendencies, to understand the importance/different types of communication skills required when dealing with high-risk students. An assistant JROTC Instructor teaches/ assists in selected subjects related to the JROTC Program.

SPECIAL ASSIGNMENT

Credit Courses

- 0C005X0A Community College Course (Fall)**
[Prerequisite: Administrator Approval, Concurrent Enrollment in a College.
Students must register at the college and take the Placement Test if required.]
Credit: Elective
 Concurrent enrollment allows students to take courses at a community college while enrolled in high school. For information and application, students should see their school counselor.
- 0C005X0B Community College Course (Spring)**
[Prerequisite: Administrator Approval, Concurrent Enrollment in a College.
Students must register at the college and take the placement test if required.]
Credit: Elective
 Concurrent enrollment allows students to take courses at a community college while enrolled in high school. For information and application students should see their school counselor.
- 96102X07 Academic Enrichment**
 Academic Enrichment is a course designed for students with disabilities as indicated on the student's Individual Education Plan (IEP). This course combines individualized, specially designed instruction with general curriculum concepts to support students with meeting the goals on their IEPs and being successful in the classroom. This course is taught in a special education setting by a special educator.

LIMITED ENGLISH PROFICIENT

10382X01 LEP I: Reading

[Prerequisite: Entering or beginning levels of proficiency on Language Assessment and/or LEP teacher approval]. Students must be classified Limited English Proficient (LEP) based on English as a Second Language testing. (ESL)

Credit: Elective

Students in this class focus on acquisition of language, grammar, semantics, vocabulary, and comprehension through conversation, role playing, writing, and reading. Cultural concepts are introduced and discussed.

10382X02 LEP II: English

[Prerequisite: Entering, beginning, or developing levels of proficiency on Language Assessment and/or LEP teacher approval]. Students must be classified Limited English Proficient (LEP) based on English as a Second Language testing. (ESL)

Credit: Elective

Students in this class continue to focus on acquisition of language, grammar, semantics, vocabulary, and comprehension through conversation, role playing, writing, and reading. Cultural concepts are introduced and discussed.

10382X03 LEP III: Language Acquisition

[Prerequisite: Beginning or developing levels of proficiency on Language Assessment and/or LEP teacher approval]. Students must be classified Limited English Proficient (LEP) based on English as a Second Language testing. (ESL)

Credit: Elective

Students in this class continue to focus on acquisition of language, grammar, semantics, vocabulary, and comprehension through conversation, role playing, writing, and reading. Cultural concepts are discussed.

10382X04 LEP IV: Limited English Proficiency for ESL

[Prerequisite: Developing or expanding levels of proficiency on Language Assessment and/or LEP teacher approval]. Students must be classified Limited English Proficient (LEP) based on English as a Second Language testing. (ESL)

Credit: Elective

This is a continuation of LEP III.

OCCUPATIONAL COURSE OF STUDY

Occupational Course of Study (diploma)

Students must have an IEP that indicates this course of study as agreed upon by parent(s). Course requires 28 credits and 900 work hours.

9220BX0 Intro to Math
28002X0 Locally Developed Math Elective
9221BX0 Math 1
9222BX0 Financial Management
9210BX0 English I
9211BX0 English II
9212BX0 English III
9213BX0 English IV
9231BX0 Applied Science
9232BX0 Biology
9247BX0 American History I
9248BX0 American History II
9240BX0 Preparation I (2 Semesters)
9241BX0 Preparation II (2 Semesters)
9242BX0 Preparation III (2 Semesters)
9243BX0 Preparation IIII (2 Semesters)
60429X0 Health and PE
Fine Arts (Choice)
CTE (4)
Other Electives (2)

*Students can do a minimum of 6 Preparation classes and add two electives.

*To be completed in Preparation classes: 300 School Based Work Hours, 240 Community Based Hours, 360 Paid Employment Hours, Academic Courses are taught through NCVPS

CERTIFICATE OF ATTENDANCE

High School Extend 1 Course of Study (Certificate)

Students must have an IEP that indicates this course of study as agreed upon by parent(s). Course requires 28 credits.

9200AX0 Intro to Math
9320AX0 Math I A
9321AX0 Math 1 B
9222AX0 Financial Management
9210AX0 English I
9211AX0 English II
9212AX0 English III
9213AX0 English IV
9246AX0 Self Advocacy
9247AX0 American History 1
9248AX0 American History 2
9231AX0 Applied Science
9232AX0 Biology
9240AX0 Preparation I (2 Semesters)
9241AX0 Preparation II (2 Semesters)
9242AX0 Preparation III (2 Semesters)
9243AX0 Preparation IV (2 Semesters)
60429X0 Health and PE
Fine Arts (Choice)
Other Electives (5)