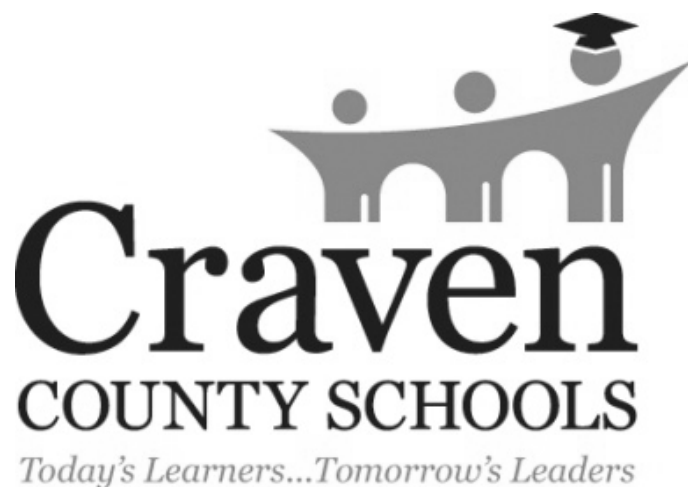


High School Academic Course Catalog 2022-2023



Havelock High School



New Bern High School

West Craven High School



Craven County Schools

Our Vision

We envision a public education system that challenges all students as learners and prepares them to imagine and create a successful life; values educators and empowers them to inspire and spark innovation in every student; leads in education and community engagements; and invites all students, their families, and all members of the community to work together to support public education to the benefit of our students, our community, and nation and our world.

Our Mission

Together with OUR families and community, Craven County Schools will educate all learners to personal, professional, and civic success through challenging and personalized instruction.

Strategic Plan Goals

- The Learner
- The Educator
- Teaching and Learning
- Community Engagement and Leadership
- Operations and Resources

Core Values

- Visionary Leadership
- Student-Centered Excellence
- Organizational Learning and Agility
- Valuing People
- Focus on Success
- Managing for Innovation
- Management by Fact
- Societal Responsibility
- Delivering Value and Results
- Ethics and Transparency

Equal Opportunity Statement

Craven County School System administers all policies, education programs, employment activities and admissions without discrimination against any person on the basis of individual's race, gender, sexual orientation, religion, creed, age, physical characteristics, national origin, socioeconomic status or disability, except where exemption is appropriate and allowed by law.

Information contained in this bulletin was published on January 24, 2022.

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GENERAL INFORMATION

Craven County Schools' Course Description and Registration Handbook contains information and prerequisites needed to select courses for next year. It will be especially important for you to talk with your counselor, parents and teachers concerning your course selections. REGISTRATION IS A COMMITMENT to take the courses you have selected. All students are required to take a full course load each semester. Exceptions to this requirement are only granted by the school principal. Qualified students may enroll in any course regardless of ethnic origin, sex, bilingual skills, or handicapping condition.

SCHOOL COUNSELING SERVICES

The School Counselor:

- Consults with students, parents, and staff on topics related to academic and personal success.
- Meets with students annually to select appropriate courses to achieve graduation requirements, monitor academic progress, determine post-secondary plans, and create transition plans.
- Presents information to families and students to access post-secondary and career opportunities.
- Counsels with students, individually and in groups, on normal developmental issues.
- Serves as liaison and resource for students, school staff and parents to community resources.

The Career Development Coordinator:

- Supports Career and Technical Education (CTE) and coordinates career development services for students participating in CTE.
- Works collaboratively with administrators, school counselors, and teachers to ensure the delivery of career development services.
- Facilitates linkages with parents, business/industry, postsecondary institutions, and community organizations to support students' transition to postsecondary education and employment.
- Incorporates the North Carolina Standard Course of Study, National Career Development Guidelines, and the National Model for School Counseling Programs and Future-Ready Students For the 21st Century.
- Helps students develop a four-year plan and follows up with opportunities after graduation based on students' career interests.

PREPARING FOR COLLEGE AND CAREERS

Preparing for college and careers is a process that should begin before entering high school. Students and parents are strongly encouraged to work directly with the student's school counselor to create a personalized post-secondary plan, which includes selecting the most appropriate high school courses and preparing to take the needed assessments for college and career entrance (PreACT, PSAT, ACT, SAT, WorkKeys, ASVAB, etc.) Utilization of resources such as College Foundation of North Carolina (www.CFNC.org) will be very helpful throughout the planning process. All courses taken during high school will appear on the student's official transcript, which will be assessed by all college admissions officers and by many employers and military recruiters. Extracurricular activities, enrichment programs, and volunteer service work are important to add to the student's resumé, which can be very helpful during the college and scholarship application processes. All federal aid and most college aid are based on the Federal Student Aid (FAFSA), which needs to be filed as soon as possible after October 1st. Check with the counseling office often for key information and opportunities (college fairs, scholarships, enrichment programs, assessments, etc.). Contact information for high school counselors is located in the back of this bulletin and on the school's websites.

The counseling and career Canvas course includes information modules about college, career and military options. Year-by-year guide to successful post-secondary planning is included. Links to the SAT, ACT, ASVAB, resumé writing, interview strategies, and scholarships are located within this course. All students have received an invitation to join this class through their school email.

COURSE SELECTIONS

Students are encouraged to schedule courses for the entire school year carefully during the registration period. It is the individual student's responsibility to ensure that the quality of their coursework meets requirements for graduation and college admission.

When deciding which courses to take...

1. Consider courses required for high school graduation.
2. Consider courses that provide background for your plans after high school (educational and career).
3. Discuss your course options with parents, teachers, and counselors.
4. Ensure the courses fulfill career pathway requirements.
5. Remember you are requesting a specific course, NOT a specific teacher or period.

SCHEDULE CHANGES

- The criteria for schedule changes is set by each school.
- Schedule changes are limited because of conflicts in the master schedule, enrollment numbers and graduation/pathway requirements.
- Some course offerings may not be scheduled because of low enrollment. In this case, alternate selections made by the student during registration will be used.
- First priority for schedule changes is given to seniors who need a required course for graduation.

CCS GRADUATION REQUIREMENTS FOR 9th GRADERS ENTERING 2009-10 AND LATER

CONTENT AREA	OCCUPATIONAL	FUTURE-READY CORE
English	4 Credits English 1, 2, 3, 4	4 Credits English 1, 2, 3, 4
Mathematics	3 Credits Introduction to Math, NC Math 1, Financial Management	4 Credits NC Math 1, NC Math 2, NC Math 3, and 4 th math course aligned with the student's post high school plans
Science	2 Credits Applied Science Biology	4 Credits A physical science course, Biology, Earth/ Environmental Science and one other science course*
Social Studies	2 Credits American History: The Founding Principles, Civics, and Economics; American History 1 or American History 2 *Requirements are different for students entering high school 2020-21 and after, to include an Economics & Personal Finance class	4 Credits American History: The Founding Principles, Civics, and Economics; World History; American History 1; and American History 2. AP US History and 1 other social studies course may replace American History 1 and American History 2 (Requirements are different for students entering high school 2020-21 and after, to include an Economics & Personal Finance, American History, and Civic Literacy courses.)
World Language	Not required	Not required for graduation, it is required to meet minimum application requirements for UNC system schools.
Healthful Living	1 Credit Healthful Living	1 Credit Healthful Living
Concentrations	4 Credits Career and Technical Education	6 Credits: 2 Credits of any combination from either: Career and Technical Education Arts Education World Language 4 Credits with a concentration recommended from one of the following: Career and Technical Education (four courses in a Career Cluster with one being a completer) OR JROTC OR Arts Education OR any other subject area or cross-disciplinary course.
Electives or other requirements	Occupational Preparation: 6 Credits Occupational Preparation 1, 2, 3, 4 (Completion of 150 hours of school-based training, 225 hours of community-based training and 225 hours of paid employment) Elective credits/ completion of IEP objectives/ Career Portfolio required.	3 Credits CPR Requirement
Total	22 Credits	26 Credits

Graduation requirements for the Occupational Course of Study requires an IEP team decision.
 The following CTE Courses may be used to satisfy the fourth science credit:
 Animal Science II, Horticulture II, Health Science II, Emergency Medical Technology II

PROMOTION REQUIREMENTS

Promotion requirements are determined by the Craven County Board of Education.

Promotion to Sophomore Class (10th Grade):

Successful completion of at least six credits including English 1

Promotion to Junior Class (11th Grade):

Successful completion of at least thirteen credits including English 1 and English 2

Promotion to Senior Class (12th Grade):

Successful completion of at least eighteen credits including English 1, English 2, and English 3*

*If a student is using CCP English courses to satisfy the English 3 requirement, he or she must pass ENG 111 and ENG 112 during the junior year to be promoted to 12th grade. The student must then register for and pass ENG 231 or ENG 232 during the summer after his or her junior year or during his or her senior year to fulfill the English 3 requirement as required by the Community College/NCDPI articulation agreement. If a student does not pass all three courses and the English 4 requirement, he/she will not be able to graduate.

ACADEMIC COURSE LEVELS AND ASSOCIATED WEIGHTS

Level/Type	A	B	C	D	F
Standard	4	3	2	1	0
Honors	4.5	3.5	2.5	1.5	0
AP and CCP*	5	4	3	2	0
* College Transfer and courses 3 credit hours or higher					

Standard

Course content, pace and academic rigor follow standards specified by the North Carolina Standard Course of Study with occasional content enrichment where appropriate. These courses provide credit toward a high school diploma and may require an end of course exam.

Honors

Course content, pace and academic rigor put high expectations on the student and surpasses standards specified by the North Carolina Standard Course of Study. Such courses demand a greater independence and responsibility. The courses provide credit toward a high school diploma and may require an end of course exam. See GRADING SCALES information below for additional quality points. Failing grades are not weighted.

Advanced Placement (AP)

Course content, pace and academic rigor follow similar standards as specified by college level courses and as adopted by the College Board. Advanced Placement courses are designed to enable students to pass the AP Exam. These courses provide credit toward a high school diploma. See GRADING SCALES information below for additional quality points. Failing grades are not weighted.

Career and College Promise (CCP)

CCP is North Carolina's dual enrollment program for high school students, which allows eligible NC high school students to enroll in college classes through their high school. In many cases, students can also earn dual credits through college transfer and career and technical education courses.

GRADING SCALES

Beginning in the Fall 2015, all students in North Carolina will be graded on a 10-point scale approved by the State Board of Education.

A 90-100	B 80-89	C 70-79	D 60-69	F ≤ 59
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Grade Point Average (GPA conversions)

In keeping with North Carolina State Board of Education Policy, the following grade point conversion scale is used for courses beginning in Fall 2015.

90-100 = 4.0	80-89 = 3.0	70-79 = 2.0	60-69 = 1.0	≤ 59 = 0.0	WF = 0.0
FF = 0.0	WP = 0.0	INC = 0.0	AUD = 0.0	P = 0.0	

Conversation Chart for Transfer Grades

Beginning with the 2015-16 school year, the North Carolina Department of Public Instruction implemented a grade conversion chart that applies to the transferring of any letter grades from community colleges, colleges/universities, home schools, and private schools.

A, A+, A- = 95	B, B+, B- = 85	C, C+, C- = 75	D, D+, D- = 65	F = 59
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Grade Replacement

A new course grade shall replace the previous failing grade only if a student repeats the entire course. This change will be reflected on the student's transcript. This does not apply to credit recovery courses, which earn a grade of P (Pass) or F (Fail). If a student retakes a course for which he or she has earned a grade of C or lower, this new grade will replace the original grade, regardless of whether it is a higher grade. (Refer to Board Policy 3420 for requirements.)

Credit Recovery

Craven County Schools offers after school credit recovery opportunities for students who have the need for an extended learning opportunity. It is designed to meet the academic needs of individual students. The classes are offered using an online platform. See a counselor to determine what courses are offered.

ACADEMIC HONORS

Valedictorian and Salutatorian

The student attaining the highest weighted grade point average will be designated the school valedictorian. The student with the second highest weighted grade point average will be the salutatorian. In the event of a tie, the qualifying students shall share valedictorian honors and there will be no salutatorian. A ranking in grade 12 shall be completed at the end of the second semester final exam period. A student who transfers to a Craven County high school from an accredited institution is eligible to be recognized if he or she has been enrolled in that high school for a minimum of 180 consecutive school days. A student who transfers to a Craven County high school from a non-accredited and non-public institution within the first 10 days of his or her ninth grade year will be eligible to be recognized if he or she continues to be enrolled in an accredited high school.

Graduation Marshals

A ranking in grade 11 shall be completed at the end of the first semester final exam period. These rankings, based on weighted grade point averages, will be used to determine junior marshals. A student who transfers to a Craven County high school from an accredited institution is eligible to be recognized if he or she has been enrolled in that high school for a minimum of 180 consecutive school days. A student who transfers to a Craven County high school from a non-accredited and non-public institution within the first 10 days of his or her ninth grade year will be eligible to be recognized if he or she continues to be enrolled in an accredited high school.

All-Academic Team

The “All-Academic Team” of the Craven County School System is composed of graduating students with a cumulative weighted GPA of 4.000 or higher for their high school experience. These students and their parents are honored at an event sponsored by the Craven County Board of Education in the spring of their senior year.

National Honor Society

The purpose of the National Honor Society is to encourage and recognize academic excellence and scholarship, to stimulate the desire to render school and community service, to promote worthy leadership and to encourage the development of strong character. Selection for membership is based upon outstanding scholarship, character, leadership and service. To be eligible for consideration, a student must meet the standards established at each high school. A Faculty Selection Committee makes selections from eligible students who complete an application.

Beta Club (HHS Only)

Beta Club is an honorary leadership- service organization where students are chosen based on their academic achievement. Students can be inducted in the spring of their freshmen year. Students must have and maintain a 3.0 (unweighted) GPA or higher for membership. The members of Beta Club will be serving the Havelock community through various ways.

National Technical Honor Society

The mission of the National Technical Honor Society (NTHS) is to honor student achievement and leadership, promote educational excellence, award scholarships, and enhance career opportunities for the NTHS membership. Selection for membership is based upon a minimum overall GPA of 3.0, a high standard of personal and professional conduct, faculty recommendations, active involvement in school and community organizations, and school attendance. Members must maintain a Career and Technical Education (CTE) GPA of 3.0 and will be expected to participate in community service projects with a focus on promoting Career and Technical Education.

Principal’s List and Honor Roll

Principal’s List will consist of those students who make a grade of A and a have satisfactory conduct grade in all subjects. Honor Roll will consist of those students who make a grade of B or above and have a satisfactory conduct grades in all subjects.

NORTH CAROLINA HIGH SCHOOL DIPLOMA ENDORSEMENTS

Beginning in 2014-2015, Students may earn the following endorsements as additional recognitions to their high school diploma: (1) Career Endorsement, (2) College Endorsement, (3) College/UNC Endorsement, (4) North Carolina Academic Scholars Endorsement, and (5) Global Languages Endorsement. Students may earn more than one endorsement. A student does not have to earn an endorsement to receive a diploma.

Career Endorsement

- A. Except as limited by N.C.G.S. §115C-81(b), the student shall complete the Future-Ready Core mathematics sequence of NC Math 1, 2, 3; Algebra I, Geometry, Algebra II; or Integrated Math I, II, III and a fourth mathematics course aligned with the student’s post-secondary plans. Acceptable fourth math courses for the Career Endorsement include any math course that may be used to meet NC high school graduation requirements, including applied math courses found in the Career and Technical Education (CTE) domain.
- B. The student shall complete a CTE concentration in one of the approved CTE Cluster areas_ (<http://www.ncpublicschools.org/cte/curriculum/>):
 - Agriculture, Food and Natural Resources
 - Architecture and Construction
 - Arts, A/V Technology and Communications
 - Business, Management and Administration
 - Education and Training
 - Finance
 - Government and Public Administration
 - Health Science
 - Hospitality and Tourism

- Human Services
 - Information Technology
 - Law, Public Safety, Corrections and Security
 - Manufacturing
 - Marketing, Sales and Service
 - Science, Technology, Engineering and Mathematics
 - Transportation, Distribution and Logistics
- C. The student shall earn an unweighted grade point average of at least 2.6.
- D. The student shall earn at least one industry-recognized credential. Earned credentials can include Career Readiness Certificates (CRC) at the Silver level or above from WorkKeys assessments OR another appropriate industry credential/certification.

College Endorsement

- A. The student shall complete the Future-Ready Core mathematics sequence of NC Math 1, 2, 3; Algebra I, Geometry, Algebra II; or Integrated Math I, II, III; and a fourth mathematics course aligned with the student's post-secondary plans. The fourth math course must meet University of North Carolina system Minimum Admission Requirements or be acceptable for earning placement in a credit-bearing college math class under the North Carolina Community College System's Multiple Measures Placement policy.
- B. The student shall earn an unweighted grade point average of at least 2.6.

College/UNC Endorsement

- A. The student shall complete the Future-Ready Core mathematics sequence of NC Math 1, 2, 3; Algebra I, Geometry, Algebra II; or Integrated Math I, II, III and a fourth mathematics course that meets University of North Carolina system Minimum Admission Requirements that include a mathematics course with either NC Math 3, Algebra II, or Integrated Mathematics III as a pre-requisite.
- B. The student shall complete three units of science including at least one physical science with a lab, one life science and one additional science course (Note: North Carolina's physical science course counts towards this requirement.)
- C. The student shall complete two units of a world language (other than English).
- D. The student shall earn a weighted grade point average of at least 2.5.

NC Academic Scholars Endorsement

- A. The student shall complete the Future-Ready Core mathematics sequence of NC Math 1, 2, 3; Algebra I, Geometry, Algebra II; or Integrated Math I, II, III and a fourth mathematics course that meets University of North Carolina system Minimum Admission Requirements that include a mathematics course with either NC Math 3, Algebra II, or Integrated Mathematics III as a pre-requisite.
- B. The student shall complete three units of science including an Earth/Environmental science course, Biology, and at least one physical science course that must include either physics or chemistry.
- C. For students entering 9th grade in 2010-11 or 2011-12, the student shall complete three units of Social Studies including US History, World History and Civics and Economics. For students entering 9th grade in 2012-13 or later the student shall complete four units of social studies including World History; American History: Founding Principles, Civics and Economics; and American History I and American History II.
- D. The student shall complete two units of a world language (other than English).
- E. The student shall complete four elective credits constituting a concentration recommended from one of the following: Career and Technical Education (CTE), JROTC, Arts Education, Second Languages, any other subject area.
- F. The student shall have taken three higher level courses during junior and/or senior years which carry quality points such as Advanced Placement; International Baccalaureate; Dual or college equivalent courses; Advanced CTE and CTE credentialing courses; Online courses; Honors level courses OR two higher level courses during junior and/or senior years which carry quality points such as Advanced Placement; International Baccalaureate; Dual or college equivalent courses; Advanced CTE and CTE credentialing

- courses; Online courses; Honors level courses and a Graduation Project.
- G. The student shall earn an unweighted grade point average of at least 3.50.

Global Languages Endorsement

- A. The student shall earn a combined 2.5 GPA for the four English Language Arts courses required for graduation.
- B. The student shall establish proficiency in one or more languages in addition to English, using one of the options outlined below and in accordance with the guidelines developed by the North Carolina Department of Public Instruction.
- i. Pass an external exam approved by the North Carolina Department of Public Instruction establishing “Intermediate Low” proficiency or higher per the American Council on the Teaching of Foreign Languages (ACTFL) proficiency scale.
 - ii. Complete a four-course sequence of study in the same world language, earning an overall GPA of 2.5 or above in those courses.
 - iii. Establish “Intermediate Low” proficiency or higher per the ACTFL proficiency scale using the Credit by Demonstrated Mastery policy described in GCS-M-001.
- C. Limited English Proficiency students shall complete all the requirements of sections A and B above and reach “Developing” proficiency per the World-Class Instructional Design and Assessment (WIDA) proficiency scale in all four domains on the most recent state identified English language proficiency test.

HIGH SCHOOL ASSESSMENTS

Required Testing

All high school final exams count as 25% of a student’s final grade for all courses. High school exams may be an end-of-course test (State EOC Exam), a CTE post-assessment, or a teacher made test. Courses which have State EOC Exams are designated as such in the course descriptions section. State tests are provided by the Department of Public Instruction which local systems are required to administer at the end of certain courses. The assessments include End-of-Course, and Career Technical Education. In addition, students will be required to take the PreACT (10th grade), ACT (11th grade), and ACT WorkKeys (if criteria are met).

Advanced Placement (AP)

This is an academic program of college-level courses and examinations sponsored by the College Board for secondary school students. The purpose of the AP program is to give students the opportunity to pursue college-level courses while still in high school and possibly to receive college credit. The College Entrance Examination Board (CEEB) will coordinate the national administration of the Advanced Placement exams during May. Post-secondary institutions use Advanced Placement test results for placement purposes and may award college credit. Students who choose to take an AP course are required to take the AP exam in May pending continued funding of NCDPI. The consequences to a student for not taking the AP exam are: (1) responsibility for payment of the unused exam fee charged by the College Board, (2) loss of weighted AP course credit, and (3) requirement of principal permission for future AP course enrollment.

Optional Testing

Armed Services Vocational Aptitude Battery (ASVAB)

The ASVAB is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success in the military. It is administered annually to more than one million military applicants, high school, and post-secondary students. Most ASVAB testing is conducted at a Military Entrance Processing Station (MEPS). If you do not live near a MEPS, you may take the ASVAB at a satellite location called a Military Entrance Test (MET) site. The ASVAB is administered by computer at all MEPS, and by paper and pencil at most MET sites. For more information: <http://official-asvab.com/>

Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test (PSAT)

The PSAT is nationally administered by the College Entrance Examination Board (CEEB) and assesses students in three areas: Critical Reading, Mathematics and Writing. The PSAT is an optional test used to help students practice for the Scholastic Assessment Test and to qualify for scholarships and recognition from such programs as National

Merit Scholarships, National Achievement Scholarships for Outstanding Negro Students, National Hispanic Scholar Recognition Program, Student Search Service, and some statewide and national industry scholarship competitions. All 11th grade students who have completed or are currently taking Math II are encouraged to take the PSAT. In order to qualify for the NMSQT, a student must take the PSAT in the 11th grade year even if a student has taken the PSAT or SAT previously. The PSAT will be administered nationally each year in October. Each of the high schools will offer this test to their students. Students must sign up in the Counseling Office of their school to take the PSAT. There is a fee to take this test.

College Admissions Tests

College admissions tests are part of the admissions procedure at most colleges. These tests are administered at selected sites nationally. Students must pay and register by mail or online a month or more prior to the test date. It is recommended that college-bound students take the SAT and/or the ACT no later than the spring of their junior year. Information for both tests is available in the counseling office and online at www.actstudent.org or www.collegeboard.com. Students may qualify for a fee waiver for both tests and should visit the high school counseling office for a fee waiver form and visit (<https://www.fns.usda.gov/school-meals/income-eligibility-guidelines>) to access the most current income eligibility guidelines.

PREPARING FOR COLLEGE IN NORTH CAROLINA

Students who are planning to continue academic studies beyond high school should select courses that will meet admission requirements. Each college has its own admission requirements. Minimum admission requirements for the 16 constituent institutions of the University of North Carolina Systems are below:

The 16 Campuses of the University of North Carolina	
Appalachian State University	UNC-Asheville
East Carolina University	UNC-Chapel Hill
Elizabeth City State University	UNC-Charlotte
Fayetteville State University	UNC-Greensboro
NC A & T State University	UNC-Pembroke
NC Central University	UNC-Wilmington
NC School of Arts	Western Carolina University
NC State University	Winston-Salem State University

MINIMUM COURSE REQUIREMENTS FOR INCOMING, FIRST YEAR STUDENTS

To earn admission into the University, you'll need to have completed some core high school-level coursework. These requirements apply to recent high school graduates only. Older applicants are exempt. For more information, refer to the "GPA and Test Scores" table below.

The "course units" listed below may have been taken while you were enrolled in high school, but they may also include courses you have completed after graduating:

Six course units in language, including

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

Four course units of mathematics, in any of the following combinations

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

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

Three course units in science, including

- at least one unit in a life or biological science (for example, biology),

- at least one unit in physical sciences (for example, physical science, chemistry, physics), and
- at least one laboratory course.

Two course units in social studies, including one unit in U.S. history. Students who do not have the unit in U.S. history may be admitted on the condition that they pass at least three semester hours in that subject by the end of the sophomore year.

GPA AND TEST SCORES

In order to predict student success, the University also considers how well students perform in their high school coursework and in national achievement tests.

The UNC System is committed to serving students from all walks of life and at every stage in their intellectual and professional development. Older students seeking admission to the University for the first time, transfer students, veterans, and active members of the military all have encountered immersive learning experiences that enhance their academic histories. Consequently, the University's expectations regarding GPAs and scores differ according to the applicants' age and previous experience in higher education and the military.

The chart below maps out the minimum requirements for GPA and national test scores based on age and experience.

Student's Age and College Credits	Minimum Admission Requirements for High School Graduates and GED		
	High School GPA	Test Scores	High School Courses
20** years and younger with fewer than 24 transferable credits	2.5 cumulative weighted GPA	SAT of 880 on new or 800 on old version (verbal and math) or ACT composite of 17	See UNC Minimum Course Requirements on page 1
21** years or older	Exempt from minimum High School GPA, test scores and course requirements***		
Any age with 24** or more transferable college credits (does not include AP, IB or credit by exam)	Exempt from minimum High School GPA, test scores and course requirements***		
Active duty service member or veteran with 3** or more years of active duty service	Exempt from minimum High School GPA, test scores and course requirements***		

** Criteria must be met by the time of enrollment at the UNC institution

*** Being exempt from these requirements does not guarantee admission. While applicants are not required to meet these GPA, test score and course requirements, institutions will only admit applicants who meet all campus-specific admission requirements

Residency Determination Service (RDS)

The state of North Carolina partially subsidizes the cost of North Carolina public college and university tuition for all students whose domicile, or permanent legal residence, is in North Carolina. Residency determination establishes if students should have in-state or out-of-state tuition. Because North Carolina residency status is governed solely by North Carolina statute, lack of eligibility for in-state status in another state does not guarantee in-state status in North Carolina. The residency statute mandates only those who can demonstrate a minimum of twelve months of uninterrupted domicile (legal residence) in North Carolina are eligible for in-state tuition. The statute also places the

burden of proof on the student to establish, by a preponderance of evidence, that they are a bona fide domiciliary rather than mere residents of North Carolina.

The Residency Determination Service (RDS) was established in coordination with the University of North Carolina (UNC), the North Carolina Community College System (NCCCS), the North Carolina State Education Assistance Authority (NCSEAA), and the North Carolina Independent Colleges and Universities (NCICU) as the centralized service for determining residency for students. This service enables a student to use one residency determination for admissions applications to multiple North Carolina public colleges and universities and to demonstrate residency for state aid programs consideration at all (public and private) North Carolina colleges and universities.

RDS Website: <https://ncresidency.cfnc.org/residencyInfo/#>

Students will use the same login and password for CFNC and Residency Determination Service.

North Carolina Residency

Military families who claim residency in any state other than North Carolina are not considered residents for admission purposes. However, if you are military-associated and stationed in North Carolina, your dependents qualify for in-state tuition rates.

Additional Opportunities

The North Carolina Independent Colleges and Universities (NCICU) and colleges outside of North Carolina also offer post-secondary educational opportunities. Students should seek graduation and college testing requirements from the college/university admissions websites. There are 36 colleges in the NCICU and they each have specific requirements in which high school graduates must reach in order to be eligible for admissions. General information can be found at ncicu.org. The North Carolina Community College System offers two-year degrees from 57 campuses. Admissions is determined by multiple measures and students should review the admissions website for programs, requirements, placement testing and GPA requirement.

HIGH SCHOOL CURRICULUM SUPPORT

English as a Second Language Program

Enrolling students that speak another language are initially evaluated by an ESL teacher for English language proficiency on the W-APT assessment. Qualifying student receive services based on their proficiency levels. Annually, all English Learners (ELs) are assessed for language growth on the ACCESS 2.0.

Exceptional Students Program

A wide range of services is provided to exceptional students, including consultation, in-class resources (direct services within the regular classroom), curriculum assistance, and a variety of separate programs. In order to access services, a student must have a current, appropriate Individual Education Plan (IEP). Questions concerning courses for exceptional students should be addressed to the student's case manager.

Section 504 of the Rehabilitation Act of 1973

It is the policy of the Craven County Board of Education to provide a free and appropriate public education to each disabled student within its jurisdiction, regardless of the nature or severity of the handicap. It is the intent of this school system to ensure that students who are disabled within the definition of Section 504 of the Rehabilitation Act of 1973 are identified, evaluated, and provided with appropriate education services. Students may be disabled under this policy even though they do not require services pursuant to the Individuals with Disabilities Education Act (IDEA). Due process rights of disabled students and their parents under Section 504 will be enforced.

Homebound Education Program

A student who is unable to attend school because of confinement at home or in a hospital may receive instructional services in his/her home or in the hospital. The home and hospital program may be provided to students with medical needs which, in the opinion of a licensed physician, will cause him/her to be absent from school for more than ten (10) consecutive days and who can educationally benefit from such a program. It is the responsibility of the student and/or parent to initiate a request for the program and supply necessary documentation. Homebound services are subject to the approval by a Central Services Homebound committee or IEP Team for identified exceptional students.

Summer School

Where student needs exist and district resources are available, Craven County Schools will establish summer school classes. To determine which classes are to be offered, contact your high school counseling department.

HIGH SCHOOL ATHLETICS

N.C. High School Athletic Association Requirements for Athletic Participation:

In order to participate in any high school sport, a student:

- must be enrolled in at least 3 courses for high school credit the semester preceding athletic participation
- must pass 6 out of 8 classes for the year immediately prior to the year of participation
- must be promoted the previous year
- must pass 3 out of 4 credits (5 out of 6 credits - traditional schedule) for the semester immediately prior to the semester of participation
- must meet the LEA attendance policy during the previous semester
- must not turn 19 years of age on or before August 31 during the school year of participation
- cannot be eligible for more than 8 consecutive semesters beginning with first entry to grade 9
- cannot be convicted of a crime classified as a felony under North Carolina or federal law or be adjudicated delinquent for an offense that would be a felony if committed by an adult

For complete information on high school athletics, visit the official North Carolina High School Athletic Association web site: <http://www.nchsaa.org/>

Questions? Contact your school's Athletic Director:

Havelock High School	Tameka Wiggins	(252) 444-1514
New Bern High School	Bo Lansche	(252) 514-6400
West Craven High School	David Fernandez	(252) 244-3256

NCAA FRESHMAN-ELIGIBILITY REQUIREMENTS FOR COLLEGE ATHLETICS

The information contained in this section was correct at the date of printing. For updates and forms, check www.eligibilitycenter.org.

If you are planning to enroll in college and participate in Division I or Division II athletics, you must be certified by the National Collegiate Athletic Association (NCAA). For certification by the Clearinghouse you must:

- 1) Register with the NCAA Clearinghouse at the end of 10th grade year
- 2) Complete 16 core courses
 - Ten of the 16 core courses must be completed before the seventh semester of high school
 - Seven of the 10 core courses must be English, math or science
- 3) Have a minimum core-course GPA of 2.300.
 - Grades earned in the 10 required courses required before the senior year are "locked in" for purposes of GPA calculation
 - A repeat of one of the "locked in" courses will not be used to improve the GPA if taken after the seventh semester begins
- 4) Meet the completion sliding scale requirement of GPA and ACT/SAT score
- 5) Graduate from high school

Core Units Required for NCAA Certification		
	Division I	Division II
English	4 years	3 years
Math (Algebra 1 or higher)	3 years	2 years
Natural or Physical Science *	2 years	2 years
Social Science	2 years	2 years
Additional Courses from English, Math, or Natural/Physical Science	1 year	3 years
Additional Academic Courses (English, Math, Science, Social Science, World Language, Comparative Religion/Philosophy)	4 years	4 years
Total Core Units Required	16 and minimum CORE GPA of 2.3	16 and minimum CORE GPA of 2.0
SAT or ACT Scores and GPA (Scores must be sent directly from testing agency. Test scores that appear on a high school transcript will not be accepted.)	Refer to www.eligibilitycenter.org/ for sliding scale	Refer to www.eligibilitycenter.org/ for sliding scale

* including at least one laboratory course if offered by the high school

DRIVER EDUCATION

Driver education classes are offered after school for students who are 14 ½ years old by the starting date for the class. The course consists of 30 hours of classroom instruction and 18 hours on the road (6 hrs. behind the wheel and 12 in the car observing). This course offers no credit toward graduation. There is a fee to participate.

HIGH SCHOOL COURSE OFFERINGS

All classes are one period and one credit and offered at all Craven County traditional high schools unless otherwise noted.

ENGLISH

ENGLISH I

Course Code: 10212X0

Course Description: To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writing. This course provides a foundational study of literary genres (novels, short stories, poetry, drama, literary nonfiction). It should include influential U.S. documents and one Shakespearean play. Students will begin to analyze literature from various angles, to view literature in historical context, and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication.

Students will:

- Study short stories, novels, poetry, drama, epic poetry, informational text and literary nonfiction
- Read and respond to literary criticism
- Explore influential U.S. Documents
- Combine elements of different kinds of writing to produce complex writing pieces
- Research, gather information, evaluate sources, cite material accurately, and report findings in a clear and cogent manner
- Engage in collaborative conversations about broad themes or ideas
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing

ENGLISH I HONORS

Course Code: 10215X0

Prerequisite: A final average of 90 in 8th grade English/Language Arts and an 8th grade score of 4 or 5 on the Reading EOG

Course Description: This course will meet the needs of the academically advanced students. To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writing. This course provides a foundational study of literary genres (novels, short stories, poetry, drama, literary nonfiction). It should include influential U.S. documents and one Shakespearean play. Students will analyze literature from various in-depth angles, view literature in historical context, and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication **If applicable, required summer reading will be evaluated and will serve as a basis for the opening of the course. Books are available through the school and public libraries. It is the student's responsibility to obtain the required summer reading list.

ENGLISH II (State EOC Exam)

Course Code: 10222X0

Course Description: To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writing. This course introduces literary global perspectives focusing on literature from the Americas (Caribbean, Central, South, and North), Africa, Eastern Europe, Asia, Oceania, and the Middle East. Influential U.S. documents and a Shakespearean play should be included. Students will continue to view literature in historical context and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a

reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication. Students will:

- Study short stories, novels, poetry, drama, epic poetry, informational text and literary nonfiction
- Read and respond to literary criticism from a global perspective
- Explore influential U.S. Documents
- Combine elements of different kinds of writing to produce a complex writing piece
- Research, gather information, evaluate sources, cite material accurately, and report findings in a clear and cogent manner
- Engage in collaborative conversations about broad themes or ideas
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing

ENGLISH II HONORS (State EOC Exam)

Course Code: 10225X0

Prerequisite: A final average of 90 in English I or a final average of 80 in English I Honors

Course Description: This course will meet the needs of the academically advanced student. To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writing. This course introduces literary global perspective focusing on literature from the Americas (Caribbean, Central, South, and North), Africa, Eastern Europe, Asia, Oceania, and the Middle East. Influential U.S. documents and a Shakespearean play should be included. Students will continue to view literature in historical context and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication. **If applicable, required summer reading will be evaluated and will serve as a basis for the opening of the course. Books are available through the school and public libraries. It is the student's responsibility to obtain the required summer reading list.

ENGLISH III

Course Code: 10232X0

Course Description: To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writings. Students will study U.S. literature and U.S. literary nonfiction especially foundational works and documents from the 17th century through the early 20th century. At least one Shakespearean play should be included. Students will study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication. Students will:

- Study short stories, novels, poetry, drama, informational text and literary nonfiction
- Read and respond to literary criticism from a global perspective
- Explore influential U.S. Documents
- Combine elements of different kinds of writing to produce a complex writing piece
- Research, gather information, evaluate sources, cite material accurately, and report findings in a clear and well-organized manner
- Engage in collaborative conversations about broad themes or ideas
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing

ENGLISH III HONORS

Course Code: 10235X0

Prerequisite: A final average of 90 in English II or a final average of 80 in English II Honors

Course Description: This course will meet the needs of the academically advanced student. To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writings. Students will study, in-depth, U.S. literature and U.S. literary nonfiction especially foundational works and documents from the 17th century through the early 20th century. At least one Shakespearean play should be included. Students will continue to view literature in historical context and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication **If applicable, required summer reading will be evaluated and will serve as a basis for the opening of the course. Books are available through the school and public libraries. It is the student's responsibility to obtain the required summer reading list.

AP ENGLISH LANGUAGE AND COMPOSITION

Course Code: 1A007X0

Prerequisite: A final average of 80 in English II Honors

Course Description: This is a college-level course and meets the graduation requirement for English III. It is designed to train the student to become a skilled reader of prose written in a variety of historical periods, academic disciplines, and rhetorical contexts. The course emphasizes expository, analytical, and argumentative essays and will offer the student the practice and helpful criticism necessary to become a flexible writer who can compose in a variety of modes for a variety of purposes. Students are required to take the AP exam in May. **If applicable, required summer reading will be evaluated and will serve as a basis for the opening of the course. Books are available through the school and public libraries. It is the student's responsibility to obtain the required summer reading list.

ENGLISH IV

Course Code: 10242X0

Prerequisite: English III

Course Description: To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writings. Students will complete the global perspective initiated in English 2 by focusing on European (Western, Southern, Northern) literature and important U.S. Documents and literature through texts influenced by European philosophy or action. Students will continue to view literature in historical context and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication. Students will:

- Study short stories, novels, poetry, drama, epic poetry, informational text and literary nonfiction
- Read and respond to literary criticism from a global perspective
- Explore influential U.S. Documents
- Combine elements of different kinds of writing to produce a complex writing piece
- Research, gather information, evaluate sources, cite material accurately, and report findings in a clear and cogent manner
- Engage in collaborative conversations about broad themes or ideas
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing

ENGLISH IV HONORS

Course Code: 10245X0

Prerequisite: A final average of 90 in English III or a final average of 80 in English III Honors

Course Description: This course will meet the needs of the academically advanced student. To be college-and-career ready, students will consider task, purpose, and audience to determine appropriate word choice, information, structures, and formats when producing complex pieces of writings. Students will complete the global perspective initiated in English 2 by focusing on European (Western, Southern, Northern) literature and important U.S. Documents and literature through texts influenced by European philosophy or action. Students will continue to view literature in historical context and study works of exceptional craft and thought whose range extends across genres, cultures, and centuries. Students will gain a reservoir of literary and cultural knowledge, references, and images through extensive reading of literature and literary nonfiction of steadily increasing sophistication. **If applicable, required summer reading will be evaluated and will serve as a basis for the opening of the course. Books are available through the school and public libraries. It is the student's responsibility to obtain the required summer reading list.

AP ENGLISH LITERATURE AND COMPOSITION

Course Code: 1A017X0

Prerequisite: A final average of 80 in English III Honors OR complete AP Language and Composition/English III

Course Description: This course is a college-level course designed for the student with a strong background in English. This course meets the graduation requirement for English IV. Students will complete an in-depth study of literary selections from the 16th Century to the present and will demonstrate their understanding through oral and written literary analysis and research to include a research project. Supplemental novels and plays will be studied in addition to the standard anthology. Students are required to take the AP exam in May. ***Outside summer reading is required. Books are available through the school and public libraries. It is the student's responsibility to obtain the required summer reading list.

CREATIVE WRITING (HHS)

Course Code: 10252X0

Prerequisite: A final average of 85 in English I

Course Description: The course is to enhance and emphasize abstract thinking while prompting the writing process. Each student will be expected to write, edit, revise, and present work in various modes. Instruction will include poetry, short story, non-fiction, and various readings.

JOURNALISM I

Course Code: 10312X0

Prerequisite: Students will be required to complete an application to be approved for enrollment.

Course Description: Students enrolled in this course are responsible for assisting with the planning, layout, and design of school publications. Students learn the basics of yearbook design: drawing, photography, layouts, fitting copy, sales, and cropping photographs. Above average composition and grammar skills, as well as basic typing and math skills, are necessary. Students may be required to attend summer workshops and after-school sessions. Students may also be responsible for the sale of ad space in the yearbook and the sale of the yearbook itself. Students will learn basic business and marketing skills. Students may be required to enroll in Journalism 1 both semesters. They will earn two credits if they complete both semesters.

JOURNALISM I HONORS (WCHS)

Course Code: 10315X0

Prerequisite: Submission of an application and approval of journalism teacher.

Course Description: Along with the content of Journalism I, Journalism I Honors will offer advanced work in the course, distinguishing itself through more demanding requirements of students' time, leadership and expertise. Students will lead the class in determining content of the yearbook and teach students basic skills while building their own skills.

JOURNALISM II (NBHS)

Course Code: 10322X0

Prerequisite: Journalism 1 and completion of application to be approved for enrollment.

Course Description: Students enrolled in this course are responsible for leading in the planning, layout, and design of school publications. Above average composition and grammar skills, as well as basic typing and math skills, are necessary. Students may be required to attend summer workshops and after-school sessions. Students may also be responsible for the sale of ad space in the yearbook and the sale of the yearbook itself. Students will learn basic business and marketing skills. Students may be required to enroll in Journalism 2 both semesters. They will earn two credits if they complete both semesters.

ENGLISH AS A SECOND LANGUAGE (NBHS)

Course Code: 10382X0

Course Description: Students receive instruction on English language skills, and individual students are reinforced on subject matter taught in the regular classroom, as needed. All instruction is aligned to the North Carolina English Language Development standard course of study with the goal of assisting students in becoming proficient in listening, speaking, reading, and writing the English language.

OCCUPATIONAL COURSE OF STUDY COURSES

ENGLISH I

Course Code: 9210BX0

Course Description: Students will explore and examine a variety of communication modes and the importance each plays in daily living and employment settings. Students will apply reading and writing skills to interpret and express factual, functional information and will use oral language skills to communicate effectively in both formal and informal situations.

Students will:

- expand basic telephone skills for work and home
- write complete simple and compound sentences
- take and support positions of self-advocacy
- read a variety of materials to gain information and perform tasks
- read basic functional vocabulary terms
- employ accurate manuscript and cursive letter information
- exhibit ethical behavior in the use of computer technology
- develop effective interviewing skills

ENGLISH II (State EOC Exam)

Course Code: 9211BX0

Prerequisite: Occupational English I

Course Description: Students will analyze and employ effective communication skills in daily living and employment settings and will use standard rules of convention and syntax to give and request information. Students will:

- Give and request verbal directions
- Demonstrate appropriate communication skills when addressing peers
- Write sentences to form paragraphs
- Read and comprehend information found in a variety of printed material
- Use basic word processing skills for written communication
- Expand self-advocacy skills

ENGLISH III

Course Code: 9212BX0

Prerequisite: Occupational English II

Course Description: Students will read, write, and orally express information required in a variety of daily living and employment settings and will identify main concepts and supporting information from printed material. Students will examine the speaking skills used in a variety of settings and demonstrate effective oral communication in each.

Students will:

- Expand proficiency in basic sentence and paragraph writing as applied to a variety of functional, independent living and employment tasks
- Visually gain information from a variety of graphic material
- Expand reading and writing of functional vocabulary material
- Expand comprehension of a variety of printed material
- Demonstrate oral communication skills needed for a work environment
- Write formal and informal letters

ENGLISH IV

Course Code: 9213BX0

Prerequisite: Occupational English III

Course Description: Students will integrate oral, written and visual skills to communicate effectively in a variety of daily living and employment situations and will use written communication skills to locate and research information.

Students will:

- Expand verbal communication skills
- Write logical and sequential reports
- Expand comprehension of functional vocabulary to include legal, medical, tax, and insurance terms
- Read and comprehend directions and other printed material for daily living and employment tasks
- Complete personal forms and applications
- Use computer technology to enter and edit information on a spreadsheet and to communicate online
- Produce complete personal portfolios

MATHEMATICS

FOUNDATIONS OF NC MATH 1

Course Code: 20902X0

Prerequisite: 8th grade math grades, local assessment results, and teacher recommendation will be used to place students in this course.

Course Description: This course is designed to help students make the transition from 8th grade into NC Math 1. Instructional emphasis will be placed on supporting the content standards for NC Math 1.

NC MATH 1 (State EOC Exam)

Course Code: 21092X0

Prerequisite: Minimum grade of 80 in 8th grade math or Foundations of NC Math 1.

Course Description: NC Math 1 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. Student should have a minimum of a graphing calculator.

NC MATH 1 HONORS (State EOC Exam)

Course Code: 21095X0

Prerequisite: A minimum grade of 90 in 8th grade math

Course Description: Math I Honors provides students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics and modeling at a higher level than the standard Math I 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. Student should have a minimum of a graphing calculator.

FOUNDATIONS OF NC MATH 2 (NBHS)

Course Code: 20912X0

Prerequisite: NC Math 1

Course Description: Foundations of NC Math 2 is a course designed to help the student make the transition from NC Math 1 to NC Math 2. Emphasis will be placed on fine-tuning algebra skills needed for NC Math 1 and on NC Math 2 concepts which will be further examined in the NC Math 2 course. Student should have a minimum of a graphing calculator.

NC MATH 2

Course Code: 22092X0

Prerequisite: NC Math 1

Course Description: NC Math 2 continues a progression of the standards established in NC Math 1. In addition to these standards, NC Math 2 includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justifying conclusions. Student should have a minimum of a graphing calculator.

NC MATH 2 HONORS

Course Code: 22095X0

Prerequisite: A minimum grade of 90 in NC Math 1 OR a minimum grade of 80 in NC Math 1 Honors

Course Description: NC Math 2 Honors demands a more challenging approach to the student's study of NC Math 2. Topics in addition to the regular NC Math 2 course include tangent lines, uniform probability, and compound events. Student should have a minimum of a graphing calculator.

FOUNDATIONS OF NC MATH 3 (NBHS)

Course Code: 20922X0

Prerequisite: NC Math 2

Course Description: This course is designed to help the student make the transition from NC Math 2 into NC Math 3. Emphasis will be placed on fine-tuning NC Math 2 skills needed for NC Math 3 and on basic NC Math 3 concepts which will be further examined in the regular NC Math 3 course. Student should have a minimum of a graphing calculator.

NC MATH 3 (State EOC Exam)

Course Code: 23092X0

Prerequisite: NC Math 2

Course Description: NC Math 3 progresses from the standards learned in NC Math 1 and NC Math 2. In addition to these standards, NC Math 3 extends to include algebraic concepts such as: the complex number system, inverse functions, trigonometric functions and the unit circle. NC Math 3 also includes the geometric concepts of conics and circles. Student should have a minimum of a graphing calculator.

NC MATH 3 HONORS (State EOC Exam)

Course Code: 23095X0

Prerequisite: A minimum grade of 90 in NC Math 2 OR a minimum grade of 80 in NC Math 2 Honors

Course Description: NC Math 3 Honors continues students' study of advanced algebraic concepts and demands a more challenging approach to the student's study of NC Math 3. In addition to topics in NC Math 3, students will extend polynomial identities, know the Fundamental Theorem of Algebra, know and apply the Binomial Theorem, and operate with rational expressions. Student should have a minimum of a graphing calculator.

NC MATH 4

Course Code: 24092X0

Prerequisite: NC Math 3 or NC Math 3 Honors

Course Descriptions: NC Math focuses on functions and statistical thinking, continuing the study of algebra, functions, trigonometry, and statistical concepts previously experienced in NC Math 1 - 3. This course is designed to be a capstone to introductory statistical concepts. Additionally, this course integrates concepts from algebra and functions to demonstrate the relationship between algebraic reasoning and more complex functions. This course is appropriate for students who are pursuing a major in Humanities or non-STEM related fields. Upon completion of this

course students will be prepared for college entry-level Algebra, Introductory Statistics or another high school advanced math course.

PRE-CALCULUS HONORS

Course Code: 24035X0

Prerequisite: A minimum grade of 90 in NC Math 3 OR a minimum grade of 80 in NC Math 3 Honors OR completion of Math 4

Course Description: Pre-Calculus provides students a study of trigonometry, advanced functions, analytic geometry, and data analysis in preparation for calculus. Applications and modeling should be included throughout the course of study. Student should have a minimum of a graphing calculator.

AP CALCULUS AB

Course Code: 2A007X0

Prerequisite: Pre-Calculus

Course Description: AP Calculus develops the student's understanding of the concepts of calculus (functions, graphs, limits, derivatives, and integrals) and provides experience with its methods and applications. The course encourages the geometric, numerical, analytical, and verbal expression of concepts, results, and problems. Student should have a minimum of a graphing calculator. Students are required to take the AP Calculus AB exam in May (students who take AP Calculus BC are exempt from this exam but must take the AP Calculus BC exam).

AP CALCULUS BC (NBHS)

Course Code: 2A017X0

Prerequisite: AP Calculus AB

Course Description: AP Calculus BC continues the student's understanding of calculus concepts. The content of Calculus BC is designed to qualify the student for placement and credit in a college course that is one level beyond that granted for Calculus AB (Note: appropriate credit and placement are granted by each institution in accordance with local policies). In addition to the topics covered in the AB course, the BC course includes additional applications of derivatives and integrals, as well as polynomial approximations and series. Student should have a minimum of a graphing calculator. Students are required to take the AP Calculus BC exam in May.

OCCUPATIONAL COURSE OF STUDY COURSES

INTRODUCTION TO MATHEMATICS I

Course Code: 9220AX0, 9220BX0

Course Description: Introductory Mathematics prepares students for high school mathematics. Appropriate technology and manipulatives should be used regularly for instruction and assessment.

NC MATH I (State EOC Exam)

Course Code: 9225AX0, 9225BX0

Prerequisite: OCS Introduction to Math

Course Description: OCS 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.

FINANCIAL MANAGEMENT

Course Code: 9222AX0, 9222BX0

Prerequisite: OCS Math I

Course Description: This course is designed to give the student an understanding of personal finance planning, appropriate methods for personal financial management and independent living, state and federal income tax, wages and compensation, the use of credit, different types of insurance in terms of their ability to meet personal needs and apply math skills to consumer spending.

SCIENCE

PHYSICAL SCIENCE

Course Code: 34102X0

Prerequisite: Earth/Environmental Science

Course Description: Physical Science is designed as a foundation course for chemistry and physics and to fill a science requirement for graduation from high school. Emphasis is on the nature of science. Laboratory and content study combine to help the student develop a positive attitude toward science.

EARTH/ENVIRONMENTAL SCIENCE

Course Code: 35012X0

Course Description: This course includes the study of the composition, structure, and processes of the earth, its geologic history, and its place in the universe through five main branches: Geology, Oceanography, Meteorology, Astronomy, and Ecology (with emphasis on photosynthesis, biomes, and sustainability).

EARTH/ENVIRONMENTAL SCIENCE HONORS

Course Code: 35015X0

Prerequisite: A minimum grade of 90 in previous science course or a minimum grade of 80 in previous honors science course

Course Description: This course includes the study of the composition, structure, and processes of the earth, its geologic history, and its place in the universe through five main branches: Geology, Oceanography, Meteorology, Astronomy, and Ecology (with emphasis on photosynthesis, biomes, and sustainability). Earth Science Honors will be research-oriented and will require substantial work outside the classroom. This work will include outside reading, field study, guided practice, data analysis, formal and informal writing, and presentation of findings.

AP ENVIRONMENTAL SCIENCE (HHS, NBHS)

Course Code: 3A027X0

Prerequisites HHS: A minimum grade of 90 in Biology and NC Math 2 or a minimum grade of 80 in Biology Honors and NC Math 2 Honors.

Course Description: This course is intended to enable students to undertake a more advanced study of topics in environmental science. It is an interdisciplinary program that studies the interrelationships of the natural world, identifies and analyzes environmental problems both natural and human made, evaluates the relative risks associated with these problems, and examines alternate solutions for resolving and/or preventing them. This course will meet the Earth/Environmental Science high school graduation requirement. Students are required to take the AP Environmental Science exam. Students will be charged a \$10.00 lab fee.

BIOLOGY (State EOC Exam)

Course Code: 33202X0

Prerequisites: Earth Science (NBHS and WCHS)

Course Description: Biology is designed to meet graduation requirements. Emphasis is on the nature of science and scientific inquiry. These are developed by use of process skills and manipulative skills through laboratory activities. Laboratory and content study combine to help the student develop a positive attitude toward science and to understand the contributions of science and technology in shaping society. The course is constructed around three major themes: Chemical and Physical Basis of Life, Continuity of Life, and Ecology.

BIOLOGY HONORS (State EOC Exam)

Course Code: 33205X0

Prerequisite: A minimum grade 90 in Earth/Environmental Science or an 80 in a previous science honors class.

Course Description: Honors Biology is designed for the student who plans to follow an accelerated science curriculum in high school. This course will stress in-depth content study with emphasis on problem solving and critical thinking skills using math and other science process skills. Emphasis is on the nature of science and scientific inquiry. These are developed by use of process skills and manipulative skills through laboratory activities. Laboratory and content study combine to help the student develop a positive attitude toward science and to understand the contribution of science and technology in shaping society. The course is structured around three major themes: Chemical and Physical Basis of Life, Continuity of Life, and Ecology.

AP BIOLOGY

Course Code: 3A007X0

Prerequisite: A minimum grade of 90 in Biology or 80 in Biology Honors and completion of Chemistry (NBHS)

Course Description: Advanced Placement Biology is a college-level course designed for academically mature students, who are willing to do what is necessary to master the course content. The course is divided into four major areas of study: Evolution, Cellular, Molecular, and Ecology. Students are required to take the AP Biology exam. Students will be charged a \$10.00 lab fee.

MICROBIOLOGY HONORS

Course Code: 33705X0

Prerequisite: A minimum grade of 90 in Earth/Environmental Science or an 80 in a previous science honors class.

Course Description: This course is designed for the science-oriented student interested in Microbiology. This will be a classroom laboratory course that will investigate the microscopic world with emphasis on disease and industrial uses. This class will include laboratory exercises and possibly some outside activities. (At WCHS, this course is only offered as a pair with AP Biology as a year-long course.)

CHEMISTRY (HHS, WCHS)

Course Code: 34202X0

Prerequisite: A minimum grade of 80 in NC Math 2

Course Description: Chemistry is a college preparatory course. Content concepts include environmental issues, recent advances in science and technology, properties of solutions, regulators in chemistry, changes in chemistry and models in chemistry. Laboratory and concept studies integrate and emphasize the nature of science, process and manipulative skills and strive to help the student develop a positive attitude toward science. Laboratory and content goals are accomplished through varied methods including demonstrations, cooperative teamwork, individual projects, mathematics, critical thinking and problem-solving activities. Topics include: nomenclature, structure, properties, reaction, and the study of theories and principles of general chemistry.

CHEMISTRY HONORS

Course Code: 34205X0

Prerequisites: A minimum grade of 80 in NC Math 2 and a minimum grade of 80 in a previous science class.

Course Description: Chemistry Honors is a college-preparatory course and covers the fundamental principles and laws of chemistry. Topics include measurement, atomic and molecular structure, periodicity, chemical reactions, chemical bonding, stoichiometry, thermochemistry, gas laws and solutions. Content will be applied to technology and laboratory activities.

AP CHEMISTRY (NBHS)

Course Code: 3A017X0

Prerequisite: A minimum grade of 90 in Chemistry or 80 in Chemistry Honors.

Course Description: Advanced Placement Chemistry is a second-year chemistry course equivalent to college-level Introductory Chemistry. The course is taught using a college format of lecture, laboratory and problem sessions. Topics include structure of matter, states of matter, reactions, descriptive chemistry and laboratory. Students are required to take the AP Chemistry exam. Students will be charged a \$10.00 lab fee.

PHYSICS HONORS

Course Code: 34305X0

Prerequisite: Must have completed NC Math 2 Honors

Recommended: Physical Science

Course Description: Honors Physics is designed for the college-bound student who plans to major in Science, Math, Engineering or Medicine. This course will stress problem solving over a wide range of topics: mechanics (force and motion), electricity and magnetism, energy, light and optics, sound, waves, and planetary motion. Laboratory experiments are emphasized as a means to understand concepts.

MARINE SCIENCE

Course Code: 35352X0

Prerequisite: A minimum grade of 80 in Biology

Course Description: Marine Biology Coastal Ecology is designed for the science-oriented student. This will be a classroom laboratory course that will investigate the local environment with the emphasis on North Carolina Coastal Regions. Areas of study include ocean formation, physical characteristics of the ocean; tools and methods of oceanography; marine plants, animals, and habitats; human relationships to the sea; and preservation of marine environments. There will be dissections of several marine animals.

MARINE SCIENCE HONORS (NBHS)

Course Code: 35355X0

Prerequisites: A minimum grade of 90 in Biology or 80 in Biology Honors

Course Description: Marine Biology Honors is a course that is designed for the science-oriented student interested in focusing on coastal sciences. This is a classroom laboratory course that will investigate the area of coastal ecology with an emphasis on problem-solving and critical-thinking. The areas of in-depth study will include estuaries, oceans, and aquatic plants and animals emphasizing the North Carolina coastal region and its resources. There will be extensive dissection labs including the crayfish and the shark. Students will be charged a \$10.00 lab fee.

ECOLOGY (NBHS, WCHS)

Course Code: 35102X0

Prerequisites: a physical science and Biology

Course Description: This course is intended as a science for the students who have an interest in Ecology, Physical Geology, Marine Biology and the environment. This class will include laboratory exercises and possibly some outside activities.

ANATOMY AND PHYSIOLOGY (NBHS)

Course Code: 33302X0

Prerequisite: A minimum grade of 80 in Biology or completion of Biology Honors

Course Description: This course is designed for students who want to take a second year of biology, but do not qualify for or elect to take AP Biology. The course content includes an in-depth study of human anatomy and physiology. Labs will include extensive and comprehensive dissection. This course is recommended for students interested in nursing or other medical fields.

ANATOMY AND PHYSIOLOGY HONORS (NBHS)

Course Code: 33305X0

Prerequisite: A minimum grade of 80 in Biology or completion of Biology Honors

Course Description: This course is designed for students who want to take a second year of biology. The course content includes an in-depth study of human anatomy and physiology. There will be several written essay assignments as well as research projects. Labs will include extensive and comprehensive dissection. This course is recommended for students interested in nursing or other medical fields.

ASTRONOMY (WCHS)

Course Code: 30202X0AST

Prerequisite: Earth/Environmental Science.

Course Description: Astronomy is a course that is designed for the science-oriented student. This is a classroom laboratory course that will investigate various topics in astronomy such as planets, asteroids, and galaxies. This course will include problem solving using Newtonian physics and an introduction to the theory of relativity. Laboratory experiments including the use of telescopes are emphasized as a means to understand concepts.

OCCUPATIONAL COURSE OF STUDY COURSES

APPLIED SCIENCE

Course Code: 9231BX0

Course Description: This course will provide opportunities to engage in “hands-on/minds-on” activities which are exemplars of scientific inquiry, experimentation and technological design. Topics include forces and motion energy, electricity and magnetism, matter, chemicals, the environment, and body systems.

BIOLOGY (State EOC Exam)

Course Code: 9232BX0

Prerequisite: OCS Applied Science

Course Description: This course will continue to provide opportunities to engage in “hands-on/minds-on” activities which are exemplars of scientific inquiry, experimentation and technological design. Topics include structure and functions of living organisms, evolution and genetics, and molecular biology.

SOCIAL STUDIES

WORLD HISTORY

Course Code: 43032X0

Course Description: World History explores recurring themes of human experience common to civilizations around the globe from ancient to contemporary times. The application of the themes of geography and an analysis of the cultural traits of civilizations will help students understand how people shape their world and how their world shapes them. Students will examine the historical roots of significant events, ideas, movements, and phenomena, as well as contributions and patterns of world civilizations. Students explore ways societies have dealt with continuity and change, exemplified by issues such as war and peace, internal stability and strife, and the development of institutions. To become informed citizens, students require knowledge of the civilizations that have shaped the development of the United States.

WORLD HISTORY HONORS

Course Code: 43035X0

Prerequisite: A minimum grade of 90 in 8th grade Social Studies

Course Description: This is an advanced course that investigates the history of man along with an in-depth case study of the underdeveloped regions of the world. This course will include a variety of activities such as group simulations, visual projects, role-playing and research writing.

AP WORLD HISTORY (NBHS)

Course Code: 4A087X0

Prerequisite: A minimum grade of 80 in World History Honors

Course Description: The purpose of the AP World History course is to develop greater understanding of the evolution of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. This course will emphasize the elements of historical research and may include individual and class projects. Evaluations include a final exam. Student are required to take the AP World History exam.

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

Course Code: 43182X0

Prerequisite: World History

Course Description: Civic Literacy is the study and understanding of citizenship and government. This one-semester course provides students with a sound understanding of civic life, politics, and government, including a short history of government’s foundation and development in the United States of America. Students learn how power and responsibility are shared and limited by the government, the impact American politics has on world affairs, law in the American constitutional system, and the rights that the American government guarantees its citizens.

Students also examine how the world is organized politically and how to be an active participant in the American and global political systems. Students will study the foundations of American democracy and the origins of American government. The roles of political parties, campaigns and elections, public opinion, and the media will be analyzed to determine their effects on the individual and all who call the United States home.

FOUNDING PRINCIPLES OF THE UNITED STATES OF AMERICA AND NORTH CAROLINA: CIVIC LITERACY HONORS

Course Code: 43185X0

Prerequisite: World History

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

AMERICAN HISTORY: THE FOUNDING PRINCIPLES, CIVICS, AND ECONOMICS (NBHS)

Course Code: 42092X0

Prerequisite: World History

Course Description: Through the study of Civics and Economics, students will acquire the skills and knowledge necessary to become responsible and effective citizens in an interdependent world. Students will need a practical understanding of these systems of civics and economics that affect their lives as consumers and citizens. As informed decision-makers, students will apply acquired knowledge to real life experiences. When studying the legal and political systems, students will become aware of their rights and responsibilities and put this information into practice. The goals and objectives are drawn from disciplines of political science, history, economics, geography, and jurisprudence.

AMERICAN HISTORY: THE FOUNDING PRINCIPLES, CIVICS, AND ECONOMICS HONORS (NBHS)

Course Code: 42095X0

Prerequisite: A minimum grade of 90 in World History or 80 in World History Honors

Course Description: Through the study of Civics and Economics, students will acquire the skills and knowledge necessary to become responsible and effective citizens in an interdependent world. Students will need a practical understanding of these systems of civics and economics that affect their lives as consumers and citizens. As informed decision-makers, students will apply acquired knowledge to real life experiences. When studying the legal and political systems, students will become aware of their rights and responsibilities and put this information into practice. The goals and objectives are drawn from disciplines of political science, history, economics, geography, and jurisprudence. Economic and political issues as well as problems of local, state, national, and international significance are studied. Emphasis is placed on developing higher-level thinking, research, and writing skills.

AMERICAN HISTORY I (HHS)

Course Code: 43042X0

Prerequisite: World History

Course Description: This course surveys the political, economic, social, diplomatic and military aspects of America's development from Pre-Columbian times through Reconstruction. Study emphasis will center upon the understanding of historical cause and effect and historical trends. By examining different theories, the student will develop the critical ability to judge the merits of competing schools of historical thought. Students at this level begin to build a basic foundation of the full meaning of their origins, and their nation's past, and also become better citizens, both now and in the years ahead.

AMERICAN HISTORY I HONORS (HHS)

Course Code: 43045X0

Prerequisite: A minimum grade of 90 in World History or 80 in World History Honors

Course Description: This course provides the opportunity for advanced work, rigorous academic study, and application of the major ideas and concepts found in the study of the American History 1 curriculum.

AMERICAN HISTORY II HONORS (NBHS)

Course Code: 43055X0

Prerequisite: American History I Honors

Course Description: This course provides the opportunity for advanced work, rigorous academic study, and application of the major ideas and concepts found in the study of the American History 2 curriculum.

AP UNITED STATES HISTORY (HHS, NBHS)

Course Code: 4A077X0

Prerequisite: A grade of 90 in previous social studies course or 80 in previous social studies honors course

Course Description: This course traces United States history from Pre-Columbian times to the present with an emphasis on the social, cultural, economic and political forces shaping the American scene. This course will emphasize the elements of historical research and may include individual as well as class projects. Students are required to take the AP US History exam.

ECONOMICS AND PERSONAL FINANCE

Course Code: 43192X0

Recommended for 11th and 12th graders

The EPF course will provide instruction on economic principles and personal financial literacy that shall include, at a minimum, the following topics: the true cost of credit, choosing and managing a credit card, borrowing money for an automobile or other large purchase, home mortgages, credit scoring and credit reports, planning and paying for postsecondary education, and other relevant financial literacy issues.

ECONOMICS AND PERSONAL FINANCE HONORS (HHS, NBHS)

Course Code: 43192X0

Recommended for 11th and 12th graders

The EPF course will provide instruction on economic principles and personal financial literacy that shall include, at a minimum, the following topics: the true cost of credit, choosing and managing a credit card, borrowing money for an automobile or other large purchase, home mortgages, credit scoring and credit reports, planning and paying for postsecondary education, and other relevant financial literacy issues.

AFRICAN AMERICAN STUDIES (HHS)

Course Code: 46012X0

Course Description: African American Studies introduces students to the exploration of the rich and diverse history and culture of African Americans. The goal of this course is to broaden the knowledge and understandings of students interested in learning about the histories, cultures and economic, geographic and political realities of African Americans.

AP UNITED STATES GOVERNMENT AND POLITICS (HHS, NBHS)

Course Code: 4A067X0

Prerequisite: A minimum grade of 80 in American History: The Founding Principles, Civics, and Economics Honors or a minimum grade of 90 in American History: The Founding Principles, Civics, and Economics

Course Description: Students will analyze US government and politics. Students will study theoretical perspectives and explanations for various behaviors and outcomes. Topics covered include: constitutional underpinnings of US Government; political beliefs and behaviors; institutions of national government; public policy; civil rights and civil liberties; and political parties, interest groups, and mass media. Outside reading, projects, and writing are required. Students are required to take the AP US Government exam.

AP PSYCHOLOGY (HHS)

Course Code: 4A057X0

Prerequisite: Honor Roll or Principal's List from the previous school year

Course Description: This course will introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students are required to take the AP Psychology exam.

OCCUPATIONAL COURSE OF STUDY COURSES

AMERICAN HISTORY: THE FOUNDING PRINCIPLES, CIVICS, AND ECONOMICS

Course Code: 9249BX0

Course Description: Through the study of Civics and Economics, students will acquire the skills and knowledge necessary to become responsible and effective citizens in an interdependent world. Students will need a practical understanding of these systems of civics and economics that affect their lives as consumers and citizens. Furthermore, this course serves as a foundation for United States History. As informed decision-makers, students will apply acquired knowledge to real life experiences. When studying the legal and political systems, students will become aware of their rights and responsibilities and put this information into practice. The goals and objectives are drawn from disciplines of political science, history, economics, geography, and jurisprudence.

AMERICAN HISTORY I

Course Code: 9247BX0

Course Description: This course surveys the political, economic, social, diplomatic and military aspects of America's development from Pre-Columbian times through Reconstruction. Study emphasis will center upon the understanding of historical cause and effect and historical trends. By examining different theories, the student will develop the critical ability to judge the merits of competing schools of historical thought. Students at this level begin to build a basic foundation of the full meaning of their origins, and their nation's past, and also become better citizens, both now and in the years ahead.

AMERICAN HISTORY II

Course Code: 9248BX0

Course Description: This course surveys the political, economic, social, diplomatic and military aspects of America's development from the late nineteenth century to the early 21st century. Study emphasis will center upon the understanding of historical cause and effect and historical trends, also including analysis of American history reflecting today's American society. By examining different theories, the student will continue to develop the critical ability to judge the merits of competing schools of historical thought. Students at this level continue to grow and understand the full meaning of their origins, and their nation's past, and also become better citizens, both now and in the years ahead.

HEALTH AND PHYSICAL EDUCATION

HEALTH AND PHYSICAL EDUCATION

Course Code: 60492X0

Course Description: This course is required for graduation. It is offered upon entry to the ninth grade, but can be taken in grades 10, 11, or 12. Healthful Living is a combination of health education and physical education. This program enhances behaviors that contribute to improving a student's quality of life. The strands include: Emotional Health, Personal and Consumer Health, Interpersonal Communication and Relationship, Nutrition and Weight Management, Substance Abuse prevention, Movement Forms, Fitness and Sport Literacy, Personal Fitness, and Appreciation for Diversity. Assessment of physical education is based on student performance and daily participation. Students must dress out in proper attire during the physical education portion of the course.

PHYSICAL EDUCATION 2

Course Code: 60292X0

Prerequisite: Health and Physical Education

Course Description: The purpose of the Physical Education program is to develop and maintain physical fitness. The program also strives to develop basic skills, proper social attitudes, and good sportsmanship through fair play. The following activities are offered: physical fitness, tennis, volleyball, basketball, bowling, flag football, softball, archery, track & field, etc. Students must dress out in proper attire each day.

INTRODUCTION TO STRENGTH AND CONDITIONING

Course Code: 60602X0M; 60602X0W

Prerequisite: Health and Physical Education

Course Description: This course is designed to develop proper lifting and spotting techniques for safety in weight training prior to taking Strength and Conditioning. This course can only be taken one time.

MEN'S STRENGTH AND CONDITIONING

Course Code: 60612X0M

Prerequisite: Health and Physical Education

Course Description: This course is designed to enable the student to become bigger, faster, and stronger. An introduction to the core lifts (bench press, squat, power clean and dead lift), agility, plyometric & cardio-respiratory activities will be taught.

WOMEN'S STRENGTH AND CONDITIONING

Course Code: 60612X0W

Prerequisite: Health and Physical Education

Course Description: The women's strength and conditioning class is designed to develop strength, endurance, and muscle tone for those students who desire to improve their fitness level. It is a demanding course that utilizes free weights, plyometric and cardio-respiratory activities to improve levels of fitness.

ADVANCED MEN'S STRENGTH AND CONDITIONING

Course Code: 60392X0

Prerequisite: Men's Strength and Conditioning and Teacher Recommendation

Course Description: This course is designed to increase the student's abilities in becoming bigger, faster, and stronger. A continuation of the core lifts (bench press, squat, power clean and dead lift), agility, plyometric & cardio-respiratory activities will be taught.

WEIGHT TRAINING HONORS (NBHS)

Course Code: Women: 60195X0WWT; Men: 60195X0MWT

Prerequisite: Biology

Course Description: Students will develop a structured strength and condition plan, create a video of how the plan will look. A research component on muscular systems will also be completed. Student will also lead exercises routines they have developed.

SPORTS MEDICINE AND ATHLETIC TRAINING I (HHS, NBHS)

Course Code: 60632X0

Prerequisites: Minimum grade of 80 in both Health and Physical Education and either Physical Science or Biology
Requirements: Students must be able to stay after school on a regular basis with no exceptions made for work. Students will serve as student athletic trainers for the various school athletic teams. All students must take the Hepatitis B vaccine series and have it completed by August 1.

Course Description: This course deals with the physiological, anatomical and biochemical effects of exercise. It includes such diverse concerns as training methods, the prevention and treatment of injuries, taping of an injured area, nutrition, and the effects of weather on the athlete. Students will also be offered a "hands-on task" by working with the school's Athletic Trainer and athletic teams. Students will become familiar with basic first aid techniques and emergency procedure planning.

SPORTS MEDICINE AND ATHLETIC TRAINING II (HHS, NBHS)

Course Code: 60642X0

Prerequisites: Minimum grade of 80 in Sports Medicine and Athletic Training I

Requirements: Students must be able to stay after school on a regular basis with no exceptions made for work. Students will serve as student athletic trainers for the various school athletic teams. All students must take the Hepatitis B vaccine series and have it completed by August 1.

Course Description: This course continues to deal with the physiological, anatomical and biochemical effects of exercise. It includes such diverse concerns as training methods, the prevention and treatment of injuries, taping of an injured area, nutrition, and the effects of weather on the athlete. Students will continue working with the school's Athletic Trainer and athletic teams. Students will advance their first aid techniques and emergency procedure planning.

WORLD LANGUAGES

World languages are essential in the college preparatory curriculum. Many four-year colleges require two years of the same world language, and some require three years. It is recommended that classes should be taken in consecutive semesters for the first two levels. Students must have above average reading comprehension skills. Excellent spelling and writing skills in English are needed. It is highly recommended for students who take the first level online to continue with online classes.

FRENCH I (WCHS, NBHS)

Course Code: 11012X0

Course Description: French 1 is an introduction to the language, culture, and customs of French-speaking countries. The basic structure of the language is covered, with an emphasis on listening and reading in French and an introduction to speaking and writing skills in French. An emphasis will be placed on interpretive skills with a focus on description and narration in the present tense.

FRENCH II (WCHS, NBHS)

Course Code: 11022X0

Prerequisite: French I

Course Description: French II reinforces and expands skills from French I. Emphasis continues to be on the interpretive skills of listening, reading, speaking, and writing in the present and past tense. The culture and customs of French-speaking countries will be included. An emphasis will be placed on interpretive and interpersonal skills with a focus on description within narration and informational writing.

FRENCH III HONORS (WCHS)

Course Code: 11035X0

Prerequisite: A minimum grade of 75 in French II

Course Description: French 3 reinforces and expands skills from French I and II. Emphasis will be on interpretive, interpersonal, and presentational skills of listening, reading, speaking, and writing in the past, present, and future. The culture and customs of French-speaking countries will be included. The course will also introduce historical literature and informational writing.

FRENCH IV HONORS (WCHS)

Course Code: 11045X0

Prerequisite: A minimum grade of 75 in French III Honors

Course Description: This course reinforces and expands skills from French I, II, and III. Students will gain in-depth knowledge of complex grammatical structures in addition to continued study of culture and customs of French-speaking countries. Emphasis will be placed on interpretive, interpersonal, and presentational skills. The course will expand the students' exposure to historical literature and informational writing.

LATIN I (NBHS)

Course Code: 12412X0

Course Description: Latin I introduces students to the language and culture of Latin speaking countries. Students should have a good background in English grammar and enjoy grammar, memorization and spelling. Students learn

vocabulary that will enable them to talk and to write about their immediate surroundings and create basic conversations. Memorization and spelling skills are essential. Class participation is required.

LATIN II (NBHS)

Course Code: 12422X0

Prerequisite: Latin 1

Course Description: Students continue to review and expand listening and speaking skills while developing reading and writing skills. Increasing vocabulary, verb tenses and grammar will be emphasized. Students will then use these skills to read, converse, write, and give oral presentations. There will be continued exposure to Latin culture.

LATIN III HONORS (NBHS)

Course Code: 12435X0

Prerequisite: Latin 2

Course Description: Students combine the four skills of listening, speaking, reading, and writing to further their competency. Students will read short stories, write compositions, give oral presentations, and participate in unrehearsed conversation. Students will be involved in an in-depth study of grammar constructions. There will be continued exposure to Latin culture.

LATIN IV HONORS (NBHS)

Course Code: 12445X0

Prerequisite: Latin 3 Honors

Course Description: Latin 4 involves reading short stories and refining grammar skills through writing compositions and journals. Oral presentations are required. Listening skills are practiced through the use of the Internet (if available), unrehearsed conversations, presentations, and various media sources. There will be continued exposure to Latin culture.

SPANISH I

Course Code: 11412X0

Course Description: Spanish I introduces students to the language and culture of Spanish speaking countries. Students should have a good background in English grammar and enjoy grammar, memorization and spelling. Students learn vocabulary that will enable them to talk and to write about their immediate surroundings and create basic conversations. Memorization and spelling skills are essential. Class participation is required.

SPANISH II

Course Code: 11422X0

Prerequisite: Spanish I

Course Description: Students continue to review and expand listening and speaking skills while developing reading and writing skills. Increasing vocabulary, verb tenses and grammar will be emphasized. Students will then use these skills to read, converse, write, and give oral presentations. There will be continued exposure to Spanish culture.

SPANISH III HONORS (NBHS, WCHS)

Course Code: 11435X0

Prerequisite: A minimum grade of 75 in Spanish II

Course Description: Students combine the four skills of listening, speaking, reading, and writing to further their competency. Students will read short stories, write compositions, give oral presentations, and participate in unrehearsed conversation. Students will be involved in an in-depth study of grammar constructions. There will be continued exposure to Spanish culture.

SPANISH IV HONORS (NBHS, WCHS)

Course Code: 11445X0

Prerequisite: A minimum grade of 75 in Spanish III Honors

Course Description: Spanish 4 involves reading short stories and refining grammar skills through writing compositions and journals. Oral presentations are required. Listening skills are practiced through the use of the Internet (if available), unrehearsed conversations, presentations, and various media sources. There will be continued exposure to Spanish culture.

AP SPANISH LANGUAGE AND CULTURE (NBHS)**Course Code:** 1A087X0**Prerequisite:** A minimum grade of 75 in Spanish IV Honors**Course Description:** This course is intended for those who have chosen to develop their proficiency in listening, speaking, reading and writing. Students who enroll should have attained a reasonable proficiency in the four skills listed above. Students should be in the final stages of their language training presentations. There will be continued exposure to Spanish culture. Students are required to take the AP exam.**AP SPANISH LITERATURE AND CULTURE (NBHS)****Course Code:** 1A097X0**Prerequisite:** A minimum grade of 75 in Spanish IV Honors**Course Description:** The AP Spanish Literature course is conducted exclusively in Spanish. All introductions to authors, cultural aspects depicted in reading and background information will be in lecture form. The course is designed to utilize writing and speaking reinforcement while becoming proficient in reading and the analysis of peninsular and Latin American literature. The students are expected to actively participate in class discussions, group activities and presentations. This course will require that students possess a strong background in Spanish. Students will interpret and analyze literary texts, including poetry, and will conduct research on authors. Students will communicate both orally and in writing in extended discussion on selected text. Emphasis is placed on both independent and guided reading and interpretation. Students are required to take the AP exam.**Dual Credit Allowances for Career & College Promise****Effective 2016, Updated 2021**

To support high school students who are earning college credit while in high school through Career and College Promise, NCDPI has determined dual credit allowances for courses included in the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA). UGETC courses will transfer for equivalency credit from NC Community Colleges to UNC Institutions. Students who enroll in and pass these college courses will also receive high school course credit based on the chart below. Eligible high school students may enroll in these courses year-round through CCP.

For purposes of calculating student Grade Point Averages on the high school transcript, courses included on this chart are weighted in accordance with SBE policy GRAD-009.

Note: The State Board of Education revised state policy titled Course for Credit (CCRE-001) on September 7, 2017, to be implemented during the 2018-19 academic school year. The revised Course for Credit policy states that college and university courses of one and two credit hours will no longer receive high school dual credit but will continue to receive college credit. In certain circumstances, semester hour credit from community college courses with the same course prefix may be combined to meet the minimum three semester credit hours to be awarded high school credit.

Courses of three and four credit hours will continue to receive one high school dual credit. This change will only impact the high school transcript. The college transcript will continue to be the official record for the college.

High School Credit/ Graduation Requirement Satisfied	College Courses	Current PowerSchool Course Codes	Course Category
American History *Student entering grade 9 in the 2021-22 school year	HIS 121 – American History I and HIS 132 – American History II	4C055X0 (HIS 131) and 4C065X0 (HIS 132)	Social Studies
American History I *Student entering grade 9 in the 2021-22 school year	HIS 131 – American History I	4C055X0	Social Studies
American History II	HIS 132 – American History II	4C065X0	Social Studies

*Student entering grade 9 in the 2021-22 school year			
Biology	BIO 111 General Biology I and BIO 112 General Biology II	3C065X0 (BIO 111) 3C055X0 (BIO 112) *Must take EOC	Biology
English III	ENG 111 – Writing and Inquiry and ENG 112 – Writing/Research in the Disciplines with ENG 231 – American Literature I or ENG 232 – American Literature II	1C025X0 (ENG 111) and 1C035X0 (ENG 112) with 1C075X0 (American Literature I) or 1C085X0 (American Literature II)	English Language Arts (Students must enroll in an pass all required courses)
English IV	ENG 111 – Writing and Inquiry and ENG 112 – Writing/Research in the Disciplines with ENG 241 – British Literature I or ENG 242 – British Literature II	1C025X0 (ENG 111) and 1C035X0 (ENG 112) with 1C115X0 (British Literature I) or 1C125X0 (British Literature II)	English Language Arts (Students must enroll in an pass all required courses)
World History	HIS 111 – World Civilizations I and HIS 112 – World Civilizations II	4C035X0 (World Civilizations I) and 4C045X0 (World Civilizations II)	Social Studies
Fourth Math credit	MAT 143 – Quantitative Literacy or MAT 152 – Statistical Methods I or MAT 171 – Precalculus Algebra or MAT 172 – Pre-calculus Trigonometry or MAT 263 – Brief Calculus or MAT 271 – Calculus I or MAT 272 – Calculus II	2C015X0 (MAT 143) or 2C025X0 (MAT 152) or 2C035X0 (MAT 171) or 2C045X0 (MAT 172) or 2C055X0 (MAT 263) or 2C065X0 (MAT 271) or 2C075X0 (MAT 272)	Mathematics
Physical Science credit	CHM 151 – General Chemistry I and CHM 152 – General Chemistry II or PHY 151 – College Physics I and PHY 152 – College Physics II or PHY 251 – General Physics I and PHY 252 – General Physics II	3C085X0 (CHM 151) and 3C095X0 (CHM 152) or 3C195X0 (PHY 151) and 3C205X0 (PHY 152) or 3C215X0 (PHY 251) and 3C225X0 (PHY 252)	Science
Elective Credits	See School Counselor		

MILITARY SCIENCE

AIR FORCE JROTC 1 (WCHS)

Course Code: 95012X0A

Prerequisite: Must be a citizen or national of the United States or an alien admitted for permanent residence, capable of participating in the entire AFJROTC curriculum (includes drill and physical fitness training), and/or approval of the Senior Aerospace Science Instructor. Cadets and parents must sign forms relating to uniform wear, grooming standards, and cadet training.

Course Description: The course provides an introduction to the Air Force and a military environment. Cadets are taught military customs and courtesies, flag courtesy, and other basic military topics. In addition, they learn military drill and ceremonies. Cadets wear the AFJROTC uniform one day each week and must conform to Air Force grooming standards. One class each week is dedicated to physical training.

In addition, cadets learn about selected topics in the history of flight. The course emphasizes character development, self-discipline, and teamwork. The course also offers a wide variety of voluntary after-school activities, including a competitive drill team, and community service projects. Top-performing cadets will be invited to attend a week-long summer leadership camp after completing the course. All cadets are required to participate in one Saturday activity--the squadron field meet.

AIR FORCE JROTC 2 (WCHS)

Course Code: 95022X0A

Prerequisite: AFJROTC 1. Cadets and parents must sign forms relating to uniform wear, grooming standards, and cadet training.

Course Description: The course addresses the flying environment from aviation weather, to the effects of flight on the human body, and to how planes fly. Leadership training emphasizes communication skills, individual and group behavior, wellness, and basic leadership principles. Cadets demonstrate their leadership skills and participate in practical, dynamic leadership situations. They continue to improve their drill skills and participate in physical training one day each week. In addition to emphasizing character development, self-discipline, and teamwork, the course focuses on leadership and personal accountability. Cadets will continue to have the opportunity to participate in extracurricular activities. In addition, cadets identified as potential leaders in AFJROTC will be invited to attend summer leadership school. All cadets are required to participate in one Saturday activity--the squadron field meet.

AIR FORCE JROTC 3 (WCHS)

Course Code: 95032X0A

Prerequisite: AFJROTC 2. Cadets and parents must sign forms relating to uniform wear, grooming standards, and cadet training.

Course Description: AFJROTC 3 concentrates on life after high school, astronomy, and/or the US space program. Life after high school topics includes choosing a path after high school, job search, financial planning and career opportunities. Cadets will be evaluated on their drill skills and will participate in physical training one day per week. Cadets wear the uniform a minimum of one day per week and receive a uniform grade. Cadets are eligible to participate in extracurricular activities and must attend one Saturday event—the squadron field meet. This course continues the emphasis on character development, self-discipline, team building, personal accountability and leadership. Cadets who show the potential for assuming additional responsibility will be invited to attend summer leadership school. AS3 cadets must show the ability to work in a cooperative, responsible and independent manner and set the example for other cadets to be eligible for the AS4 course.

AIR FORCE JROTC 4 (WCHS)

Course Code: 95042X0A

Prerequisites: AFJROTC 3 and approval of the Senior Aerospace Science Instructor. Cadets and parents must sign forms relating to uniform wear, grooming standards, and cadet training.

Course Description: The course focuses on principles of management and management of the corps. Each cadet will have a leadership or staff position and must complete tasks associated with their job. These projects will require cadets to supervise squadron functions after school and on weekends. Cadets maintain proficiency in drill and participate in physical training.

NAVAL SCIENCE I (HHS, NBHS)

Course Code: 95012X0N

Prerequisites: Must be a citizen or national of the United States or an alien admitted for permanent residence, capable of participating in the entire Navy JROTC curriculum (includes drill and physical fitness training), and/or approval of the Naval Science Instructor. Cadets and parents must sign forms relating to uniform wear, grooming standards, and cadet training.

Requirements: Student and parent must sign letter of agreement stating the student will:

- maintain acceptable standards or conduct at all times
- maintain acceptable academic achievement leading towards graduation
- comply with all of the personal grooming standards set forth in the NJROTC Cadet Field Manual
- participate in mandatory events (i.e. area manager's inspection and fund raisers)
- wear the uniform properly once a week

- accept the authority of senior cadets.

A second semester of unit activities is optional but strongly encouraged.

Course Description: The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. Emphasis is on self-control, discipline and respect for authority. Additional subjects include instruction in basic drill movements, Navy mission and organization, military customs, health and first aid. Rigorous physical training is conducted at least one day a week.

NAVAL SCIENCE II (HHS, NBHS)

Course Code: 95022X0N

Prerequisites: A grade of C or higher in Naval Science I AND instructor approval.

Requirements: Same as Naval Science I

Course Description: The purpose of this course is to engender a sound appreciation for the heritage and traditions of America with recognition that the historically significant role of sea power will be important in America's future. The course of study will cover naval historical, political and economic impact of sea power and sea control from 2500 BC through to present day. Additional subjects include instruction in military drill movements (armed) and ceremonies, team skills and physical training.

NAVAL SCIENCE III (HHS)

Course Code: 95045X0

Prerequisites: A grade of C or higher in Naval Science II AND instructor approval.

Requirements: Same as Naval Science I

Course Description: Cadets will further develop the traits of leadership and be introduced to naval science topics including military justice, the U.S. Navy in American democracy, naval history and operations in World War II, sea power, astronomy, small boat seamanship, intermediate individual and squad close order (armed/unarmed) drill, team skills and physical conditioning.

NAVAL SCIENCE III HONORS (NBHS)

Course Code: 95035X0N

Prerequisites: A grade of C or higher in Naval Science II AND instructor approval.

Requirements: Same as Naval Science I

Course Description: Cadets will further develop the traits of leadership and be introduced to naval science topics including military justice, the U.S. Navy in American democracy, naval history and operations in World War II, sea power, astronomy, small boat seamanship, intermediate individual and squad close order (armed/unarmed) drill, team skills and physical conditioning. Students will be required to write essays on leadership and citizenship for honors credit.

NAVAL SCIENCE IV (HHS)

Course Code: 95042X0N

Prerequisites: A grade of C or higher in Naval Science III AND instructor approval.

Requirements: Same as Naval Science I

Course Description: Cadets will build on the basic qualities of a good follower and an effective leader provided in Naval Science I through III. Emphasis will be placed on a more in-depth look at what leadership is and to maximize leadership abilities. Naval Science IV cadets will work independently as class advisors/mentors to junior cadets and function as special projects officers for the unit.

NAVAL SCIENCE IV HONORS (NBHS)

Course Code: 95045X0N

Prerequisites: A grade of C or higher in Naval Science III AND instructor approval.

Requirements: Same as Naval Science I

Course Description: Cadets will build on the basic qualities of a good follower and an effective leader provided in Naval Science I through III. Emphasis will be placed on a more in-depth look at what leadership is and to maximize leadership abilities. Specifically, multiple case studies on ethics, group dynamics, leadership techniques, constructive criticism, effective communication and avoiding communication pitfalls are discussed in a group setting. In addition, personal finance, stocks, and mutual funds, personal checking/savings accounts and wealth building are discussed. Students will be required to write essays on leadership and citizenship for honors credit.

NAVAL SCIENCE TEAMWORK (HHS, NBHS)

Course Code: 95012X0T

Prerequisites: MUST SIGN UP FOR ONE ADDITIONAL NAVAL SCIENCE CLASS IN THE SAME SCHOOL YEAR. Must have completed NS-I with a minimum grade of "C" AND instructor approval. Daily drill will emphasize exhibition routines and competition.

Requirements: Same as for Naval Science I

Course Description: This class teaches teamwork, leadership and management by preparing cadets to compete in NJROTC academic, drill, marksmanship, and field meet competitions. Cadets are responsible for planning and conducting the competition schedule, fund-raising projects, practice sessions and for selections team members for each event.

OCCUPATIONAL COURSE OF STUDY STUDENTS WORK-BASED TRAINING

The Occupational Preparation curriculum incorporates the P.A.E.S. program into levels 1-4. P.A.E.S. (Practical Assessment Exploration System) is a comprehensive work development curriculum that is hands-on. This provides training, assessment, exploration and work behavior development necessary for successful transition to adult life. Through hands-on experience, students are provided real and meaningful career information and knowledge of what they can do, and eliminates many barriers to successful placement.

PREPARATION I

Course Code: 9240BX0

Course Description: This course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment in their career choice and make career advancements. Students will develop a work ethic and job seeking, decision-making, and self-help skills while participating in school-based learning activities. Students will participate in school factories, work-based enterprises, hands-on vocational training in Workforce Development Education courses, and operate small businesses. Formal career planning and development of knowledge regarding transition planning begins in this course and continues throughout the strand of Occupational Preparation courses.

PREPARATION II

Course Code: 9241BX0

Course Description: This course emphasizes the development of skills generic to all career majors: resource management, communication, interpersonal relationship skills, technology, stamina, endurance, safety, mobility skills, motor skills, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management, and self-management. This course content is focused on providing students with a repertoire of basic skills that will serve as a foundation for future career application. Students will expand their school-based learning activities to include on-campus jobs and begin some work-based learning activities. Job seeking skills will also continue to be refined.

PREPARATION III

Course Code: 9242BX0

Course Description: This course allows students to continue the development and begin the application of skills learned in Occupational Preparation 1 and 2. Work-based learning activities are provided including community-based training, job shadowing, job sampling, internships, situational assessment, cooperative education, and apprenticeships. Work-based activities allow students to apply employability skills to competitive employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership development and self-determination are provided.

PREPARATION IV

Course Code: 9243BX0

Course Description: This course gives students the opportunity to synthesize all the skills acquired in previous Occupational Preparation courses and determine their applicability to their personal career choice. This course will allow students to solve work-related problems experienced in competitive employment, practice self-advocacy and master the theoretical and practical aspects of their career choice. During their high school career, students will

complete 150 hours of school-based work, 225 hours of community-based work, and 225 hours of competitive paid employment for successful completion of the Occupational Course of Study. Students will also develop a job placement portfolio that provides an educational and vocational record of their high school experience.

SPECIAL COURSES

AVID I

Course Code: 96142X0A1

Prerequisites: Interview/Selection by AVID Team

Course Description: This 9th grade AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration, organization, and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for the ACT and SAT.

AVID II

Course Code: 96142X0A2

Prerequisites: AVID I or teacher recommendation

Course Description: Please refer to course description of AVID I for program information. AVID II is for 10th graders and will include the following activities: Review time and study management, information on AVID binder, Cornell note taking skills II, introduction of Socratic seminars, tutorials, skills to improve thinking critically and creatively, concept mapping, managing your memory and training for college admissions testing.

AVID III HONORS

Course Code: 96105X0A3

Prerequisites: AVID II

Course Description: This 11th grade AVID courses will focus on readiness for college testing and selection. Students should have been introduced to all of these ideas previously, but now the spotlight is on serious preparation in these areas. In particular, document-gathering for the impending college and financial application process. AVID III will also include the activities: Self-awareness and personal development, intensive training for college entrance examinations (SAT and ACT), information and discussion in choosing a college, tutorials, and continuation of study and time management skills.

AVID IV HONORS (NBHS, WCHS)

Course Code: 96105X0A4

Prerequisites: AVID III Honors

Course Description: Please refer to course description of AVID III Honors for program information. AVID IV Honors is for 12th graders and will also include the following activities: college application assistance, writing workshops, scholarship assistance, college entrance exam preparation, resume building and tutorials.

TEACHER CADET I HONORS

Course Code: 96045X0

Prerequisites: Junior/Senior. Student application and/or teacher recommendations may be required at your school.

Course Description: The Teacher Cadet classes designed for high school juniors and seniors who are interested in the field of education. It is an honors program that details many components of the education environment and involves students in content, application, observations and teaching in preschool, elementary, middle school and high school settings. The students will have the opportunity to work with a specific teacher for 15 days in the level of their choice. Access to transportation is required.

TEACHER CADET II HONORS

Course Code: 96065X0C

Prerequisites: Teacher Cadet I and completed application

Offered at: Grade(s): 11,12

Course Description: Students will spend a majority of the course outside of the classroom. The field experiences are the strongest component of the Teacher Cadet Program. It is the students' first glimpse at education "from the other side of the desk," and allows them to discover the joy of teaching first-hand. The purpose of the field experience is to help students formulate an image of what it is like to be a teacher and to implement the knowledge and teaching strategies they acquired in Teacher Cadet I. Field studies, portfolios, journals, and projects are required. Students are required to travel to school sites for observations and field experience. Students may be required to provide their own transportation.

ARTS EDUCATION – DANCE

DANCE (BEGINNING) (NBHS)

Course Code: 51152X0

Course Description: This is a highly disciplined class that focuses on the creative process of choreographing dances. In this class the dancers will focus on how the body is their artistic instrument; how their instrument moves and relates to time, space, and energy; how to maintain correct body alignment while performing different locomotive movements; and all of this comes together to create and communicate through their own choreograph. This class is a prerequisite for Intermediate Dance and Jazz Dance.

DANCE (INTERMEDIATE) (NBHS)

Course Code: 51162X0

Prerequisite: Beginning Dance

Course Description: Students will progress in their learning and understanding of dance technique, the use of choreographic structure, choreographic principles, choreographic forms, and theatrical elements that help communicate the meaning of a dance. This class is a prerequisite for Proficient Dance.

DANCE (PROFICIENT) HONORS (NBHS)

Course Code: 51175X0

Prerequisite: Intermediate Dance

Course Description: Expands student's knowledge of anatomy, choreography, and designs for a solo work.

DANCE (ADVANCED) HONORS (NBHS)

Course Code: 51185X0

Prerequisite: Dance Proficient Honors

Course Description: More in-depth study of anatomy and choreography, and designs for an ensemble work.

ARTS EDUCATION – MUSIC

MUSIC APPRECIATION/THEORY (HHS, NBHS)

Course Code: 52962X0MA

Prerequisites: None

Course Description: Music appreciation will explore the evolution of Western Music. The course will cover a variety of musical genres ranging from classical to jazz and pop music. No prior musical background is necessary.

AP MUSIC THEORY (NBHS)

Course Code: 5A017X0

Prerequisites: Basic understanding of musical notation and performance experience are recommended.

Course Description: Advanced Placement Music Theory is college-level course that introduces students to first-year musicianship and theory. Emphasis will be placed on music literacy, composition, and analysis. Aural skills will be developed through melodic, harmonic, and rhythmic dictation. Students are required to take the AP Music Theory Exam.

CHORUS I

Course Code: 52302X0F; 52302X0S; 52312X0F; 52312X0S

Course Description: This course serves as an introduction for the beginning high school choral music student. Students will be given instruction in the proper use of the singing voice, emphasizing proper tone placement and breath support, as well as the study of sight singing and music. The repertoire will be chosen from all genres: seasonal, sacred, and secular. All rehearsals and performances are mandatory and will be part of the course grade.

CHORUS II/CHORUS II – HONORS

Course Code: 52312X0CF; 52312X0CS; 52325X0CF; 52325X0CS; 52335X0CF; 52335X0CS

Prerequisites: Audition/Teacher Approval; Participation for both semesters required at HHS & NBHS

Course Description: This course is designed for students who have had musical experience in singing. Students will demonstrate their ability to follow a soprano, alto, tenor, or bass part. The repertoire will be chosen from all genres: seasonal, sacred, and secular. All rehearsals and performances are mandatory and will be part of the course grade. Tuxedos and gowns are purchased by the student.

VOCAL ENSEMBLE/VOCAL ENSEMBLE – HONORS

Course Code: 52312X0EF; 52312X0ES; 52325X0EF; 52325X0ES; 52335X0EF; 52335X0ES

Prerequisites: Grades 10, 11 or 12; Audition/Teacher Approval; NBHS - Chorus I & II, Grades 10, 11 or 12; Audition/Teacher Approval; Participation for both semesters required

Course Description: This course is designed for students who demonstrate advanced choral skills and music theory knowledge. Emphasis is placed on performing at various functions in and out of school. The repertoire will be chosen from all genres: seasonal, sacred, and secular. Outstanding vocal quality and music reading are required. All rehearsals and performances are mandatory and will be part of the course grade. Students will be required to wear uniforms for performances. Tuxedos and gowns are purchased by the students.

INTRO TO INSTRUMENTAL MUSIC

Course Code: 52552X0IIM

Course Description: This course is for students with an interest in learning to play a wind or percussion instrument. Students will start at a beginner level, covering all basics of music theory and basic playing techniques. The goal is for students to be able to continue to perform in an intermediate level band the next semester or school year. This class is a performing organization. Attendance at performances and some after school rehearsals is required for credit. Students may choose to rent an instrument. A limited selection of instruments are also available to borrow. Students will be placed on an appropriate instrument by the instructor.

CONCERT BAND/CONCERT BAND – HONORS

Course Code: 52552X0C; 52562X0C; 52575X0C; 52585X0C

Prerequisites: Teacher approval and three years of instrumental (band) or private instruction.

Course Description: The purpose of this course is two-fold: To serve as an alternative to Marching Band during the fall semester and to help students who are delayed in their instrumental development. This instrumental course provides intermediate training to the student on his/her instruments and is designed to improve musicianship in all areas of instrumental performance through the use of the concert band medium and solo literature. This class is a performing organization. Attendance at performances and some after-school rehearsals is required for credit. HHS: A section of strings meets with the Concert Band. Students must provide his/her own string instrument and continue to take private lessons. Contact the HHS band directors for more information.

SYMPHONIC BAND/SYMPHONIC BAND – HONORS

Course Code: 52552X0S; 52562X0S; 52575X0S; 52585X0S

Prerequisites: Teacher approval and three years of instrumental (band) or private instruction.

NBHS: Participation in Marching Band or Concert Band during Fall Semester

Course Description: This spring semester instrumental music course provides intermediate musical training to the student on his or her wind or percussion instrument. This course is designed to improve musicianship in all areas of instrumental performance through use of the concert band medium. This class is a performing organization. Attendance at performances and some after-school rehearsals is required for credit. NBH: This instrumental course is offered in the spring and is comprised of freshmen and developing upperclassmen. Honors credit is available for all

grade levels and is based on playing and music theory assessments. Due to the nature of this course, honors students will be required to fulfill additional requirements.

WIND ENSEMBLE/WIND ENSEMBLE – HONORS (HHS, NBHS)

Course Code: 52552X0W; 52562X0W; 52575X0W; 52585X0W

Prerequisite: Teacher selection or Audition. NBH: Audition and fall semester participation in Marching Band/Concert Band/continued private instruction.

Recommendations: Students at HHS are strongly encouraged to take Marching Band in the fall. Students who sign up for Wind Ensemble, but are not selected, will be moved into Symphonic Band.

HHS Course Description: This course will be offered only as honors for the 11th and 12th graders. 10th graders will receive an un-weighted credit and will not have to complete the honors project. This course will provide advanced musical training to the instrumentalist. This course is designed to improve musicianship in all areas of instrumental performance through the use of the wind ensemble medium. There will be high expectations placed on students and practice at home will be mandatory. This class is a performing organization. Attendance at performances and after-school rehearsals is required for credit. Students will be expected to wear uniforms for performances.

NBHS Course Description: This course is comprised of the most advanced student musicians in the school. This class is available as an honors course for 11th and 12th graders only. Students taking the course for honors credit are required to complete an honors project. This course provides advanced musical training to the instrumentalist. It is designed to further improve upon and refine musicianship in all areas of instrumental performance. Practice and instrumental proficiency is required. This is a performing organization. Attendance at performances and after-school rehearsals is required for credit. Students will be expected to wear concert uniforms for performances.

MARCHING BAND – WINDS/MARCHING BAND – WINDS HONORS

Course Code: 52552X0M; 52562X0M; 52575X0M; 52585X0M

Prerequisite: Teacher approval; Three years of instrumental (band) study or private instruction.

NBHS: Participation meets the prerequisite requirement for Symphonic Band and Wind Ensemble in the spring.

Course Description: This instrumental course provides intermediate to advanced musical training on wind instruments and is designed to improve musicianship in all areas of instrumental performance through the marching arts. This class is a performing organization. Students are required to attend Band Camp, after-school rehearsals, and Friday and Saturday performances to receive credit. The marching band performs at home and away football games, parades, band competitions, holiday concerts, and other community events.

MARCHING BAND – PERCUSSION/MARCHING BAND – PERCUSSION HONORS

Course Code: 52552X0P; 52562X0P; 52575X0P; 52585X0P

Prerequisite: Teacher approval; Three years of instrumental (band) study or private instruction.

NBHS: Participation meets the prerequisite requirement for Symphonic Band and Wind Ensemble in the spring.

Course Description: This instrumental course provides intermediate to advanced musical training on percussion instruments and is designed to improve musicianship in all areas of percussion performance through the marching arts. This course provides individualized attention to the various aspects of percussion performance techniques. This class is a performing organization. Students are required to attend Band Camp, after-school rehearsals, and Friday and Saturday performances to receive credit. The marching band performs at home and away football games, parades, band competitions, holiday concerts, and other community events.

MARCHING BAND - COLORGUARD (WCHS)

Course Code: 51302X0CG

Prerequisites: Student audition and teacher approval

Course Description: Focusing on body alignment, creative movement, and choreography, students will learn the basic skills needed in Colorguard routines. This class is a performing organization. Students will be expected to attend summer camp, after-school rehearsals, and Friday and Saturday performances to receive credit. Colorguard performs at home and away football games, parades, band competitions, holiday concerts and other community events.

JAZZ ENSEMBLE/JAZZ ENSEMBLE – HONORS (HHS)

Course Code: 52162X0J; 52172X0J; 52185X0J; 52195X0J

Prerequisites: Approval of director, audition (held during the first 10 days of class), parental approval & signature. This year-long course meets 1/2 period each semester. Upon successful completion of both semesters, the student will receive one credit. No credit will be awarded at the end of the first semester.

Course Description: This instrumental course and performance organization is designed to provide advanced musical training and to improve musicianship in all areas of jazz playing: solos, improvisation, articulations, and memorization. This course is designed as a zero-period class that meets every morning before the regular school day. On the tenth day of school, students will audition for the director during class. In order to receive credit, students must attend after school rehearsals and approximately 15 performances per year. Students will be required to wear uniforms for performances. THE FAMILY MUST PROVIDE TRANSPORTATION TO CLASS.

ARTS EDUCATION – THEATER

THEATER ARTS 1 (Beginning)

Course Code: 53152X0

Course Description: This is the introductory course in theater designed to develop an understanding of the purposes of theater throughout history and its growth into the twentieth century. Theater Arts 1 curriculum includes vocabulary development, reading, viewing, and preparing to perform. Students become involved in the creative process in the study of plays for performance information.

THEATER ARTS 2 (Intermediate) (NBHS, WCHS)

Course Code: 53162X0

Prerequisite: Theater Arts 1 with grade of 80 or better. WCH: Audition required

Course Description: Further developing skills and concepts introduced in Theater Arts 1, the focus on acting and directing becomes more intense as students gain more in-depth experience in stage aesthetics, scenic design and theater organization and students are involved in public performances.

ADVANCED THEATER HONORS (NBHS)

Course Code: 53175X0AT; 53185X0AT

Prerequisite: Theater Arts 1, Theater Arts 2, Teacher Interview

Course Description: Advanced Theater is an advanced continuation of theater studies. Advanced Theater will require students to become theater practitioners and artists through researching theatrical texts/practices and putting on public play performances. Through more independent study and increased production responsibilities, students in Advanced Theater will apply skills they have learned in previous courses to full-length, public theatrical productions. Analysis of theater processes, self-motivation, personal discipline and more demanding projects in directing, acting, design, and writing are emphasized. This course may be taken multiple semesters for credit.

THEATER ARTS 3 HONORS (WCHS)

Course Code: 53175X03; 53185X03

Prerequisite: Theater Arts 2 with grade of 80 or better. Audition required

Course Description: Theater Arts 3 Honors is an advanced continuation of Theater Arts 1 and Theater Arts 2. This course involves additional in-depth application of theatre arts knowledge, skills and processes. This course involves the applied study of theater vocabulary, reading and writing of theater literature, acting, and technical theater. Acting experience in Honors Theatre Arts 3 continues and refines the exploration of the concepts of self, body and voice work, improvisation, acting techniques, and reading and writing. In addition, students begin to practice individual analysis and critiquing of student work to develop a personal understanding of theater arts by utilizing the knowledge base gained in previous study. Theater study at this level places a greater emphasis on the execution of skills, ensemble work, and collaboration with other student artists. Students use a wider variety of theatre literature and styles from theatre history and various cultures in forms of theatre and theatre related media through informal and formal productions.

Students continue to add to their portfolio or collection of work and related activities to illustrate their growing understanding of accomplishments in theatre arts.

THEATER ARTS 4 HONORS (WCHS)

Course Code: 53175X04; 53185X04

Prerequisite: Theater Arts 3 with grade of 85 or better. Audition required

Course Description: Theater Arts 4 Honors is an even more advanced continuation of Honors Theater Arts 3 and will require student to become initiators of learning and accomplishment, as well as demonstrate leadership and expertise in theater arts. Through more independent study and increased production responsibilities, students in Theater Arts 4 Honors involve the application of expertise prepared for and acquired in previous theater arts studies. Analysis of theater processes, self-motivation, personal discipline and more demanding projects in directing, design, and writing are emphasized. The acting experience in Theater Arts 4 Honors includes continued exploration of the concepts of self, body and voice work, improvisation, acting techniques, and reading and writing. Independent work in this course develops commitment and helps students form aesthetic judgments and refine artistic choices. Students finish and evaluate their portfolio, or collection of their work and related activities, to illustrate their learning, experiences, accomplishments and growth in theater arts.

TECHNICAL THEATRE (WCHS)

Course Code: 53802X0

Prerequisite: Theater Arts I

Course Description: This course is an exploration of the duties of stage technicians and their contribution to the total aesthetic effect of a dramatic production. Topics covered will include design research and principles; scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound, lighting, and computer technology; the use of special effects; costume and makeup considerations and selection; publicity and business management; theatre safety; and the function of technical stage personnel and production work. Technical Theatre will incorporate academic study and hands-on application of knowledge and skills.

ARTS EDUCATION – VISUAL

VISUAL ARTS BEGINNING

Course Code: 54152X0

Course Description: Visual Arts 1 is designed to reinforce and build on knowledge and skills developed at the elementary and middle school levels. It is the foundation level for art study throughout high school. The course is primarily devoted to deliberate and systematic presentations of various art processes, procedures, theories, and historical developments. Students will have experiences in producing two-dimensional and three-dimensional artworks. The 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. The approach to art experiences during this time is experimental in terms of materials. Students are provided a strong foundation in design, drawing and vocabulary in a teacher-structured environment. Problem-solving and decision-making are emphasized throughout Visual Arts 1.

VISUAL ARTS INTERMEDIATE

Course Code: 54162X0

Prerequisite: Visual Arts 1

Course Description: Visual Arts 2 builds on the student's technical skills and foundation of knowledge developed in Visual Arts 1. The study of the elements of art and principles of design, color theory, vocabulary, and art history continue in Visual Arts 2 in a teacher-directed situation. Various art processes, procedures, and theories are presented in a problem-solving manner, which allows for moving towards independent choices and personal solutions to problems. Visual Arts 2 focuses on global themes, concepts of civics, economics, marketing, art movement, style and artist allowing student research and growth in understanding past and present forms. A greater flexible and fluent use of the elements of art and principles of design, color, history, theory, and vocabulary is stressed in Visual Arts 2.

VISUAL ARTS PROFICIENT HONORS

Course Code: 54175X0

Prerequisite: Visual Arts 2

Course Description: Visual Arts 3 builds on skills from Visual Arts 2 with an in-depth approach to the study of art processes and techniques, aesthetic issues, art criticism and art history. Teachers help students set personal signatures, goals, and developing original solutions to artistic problems. The students will develop an understanding of the role of visual arts in United States history, technology, preservation, and sustainability resources. Students will become well-versed in personal aesthetics and criticisms, and developing a personal philosophy of art. In Visual Arts 3, students will assemble a portfolio based on technical quality, personal style, direction, and its intended purpose. Students at NBHS will share their talents by participating in community events.

VISUAL ARTS ADVANCED HONORS

Course Code: 54185X0

Prerequisite: Visual Arts 3

Course Description: In Visual Arts 4, students develop, clarify, and apply their philosophy of art and art making developed in Visual Arts 3 through in-depth, independent, and advanced explorations with media techniques, processes, and aesthetics. Exceptional initiative, serious involvement, and commitment are expectations of the Visual Arts 4 student. A portfolio evidencing high quality, a broad base of knowledge, and in-depth understanding of personal art forms is developed and refined. Students take part in planning and installing an exhibition of their work, as well as contributing to community events.

DRAWING INTERMEDIATE (NBHS, WCHS)

Course Code: 54622X0D1

Prerequisite: Visual Arts 1

Course Description: Students will learn concepts fundamental to the design and creation of all forms of drawing. They will understand drawing and its historical context and will explore it critically as well. They will learn to use exercises to help them develop hand-eye coordination and compositional skills. Drawing students will explore the potentials of various media and develop mixed media skills, while creating meaningful creative and expressive drawings. Students are required to maintain a drawing journal.

DRAWING 2/DRAWING 2 HONORS (Intermediate or Proficient) (NBHS, WCHS)

Course Code: 54622X0D2; 54635X0D2

Prerequisite: Visual Arts 1 and Drawing 1

Course Description: This course continues building on concepts learned in Drawing 1. Students explore more complex compositional processes and work on a larger scale. Students are required to maintain a drawing journal.

CAREER AND TECHNICAL EDEUCATION COURSE DESCRIPTIONS

WORK-BASED LEARNING IN CAREER AND TECHNICAL EDUCATION FOR ALL PROGRAM AREAS

CAREER MANAGEMENT

Course Number: CC452X0

Course Description: This course prepares students to locate, secure, keep, and change careers. Emphasis is placed on self-assessment of characteristics, interests, and values; education and career exploration; evaluation of career information and creation of a career plan. Based on the National Career Development Guidelines, skills learned in this course include, but are not limited to communications, interpersonal skills, problem solving, personal management and teamwork.

PROJECT MANAGEMENT I

Course Code: CS112X0

Course Description: This course will introduce students to the principles, concepts, and software applications used in the management of projects. Through project-based learning, students will understand how to use the framework of initiating, planning, executing, monitoring and controlling, and closing a project in authentic situations.

PROJECT MANAGEMENT II

Course Code: CS122X0

Prerequisite: Project Management I

Course Description: This course will expand on the principles, concepts, and software applications used in the management of projects. Through project-based learning, students will expand their understanding of how to use the framework of initiating, planning, executing, monitoring and controlling, and closing a project in authentic situations.

CTE INTERNSHIP (INTERNSHIP IN CAREER AND TECHNICAL EDUCATION)

Course Code: Varies depending on pathway

1 period, 135 hours of work and coursework = 1 credit

Course Description: The CTE Internship is a paid or unpaid work-based learning experience conducted with a business partner to enhance the student's academic, technical, and personal skills. Students are required to work in a supervised, approved setting for a minimum of 135 hours and complete the required course work. Employer contracts, evaluations, and timesheets are required to be completed and turned in to the Career Development Coordinator.

AGRICULTURAL EDUCATION

AGRISCIENCE APPLICATIONS

Course Code : AU102X0

Aligned Industry Credential: National Safe Tractor and Machinery Operation Certification

Course Description: 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.

AGRICULTURAL MECHANICS I

Course Code: AS312X0

Aligned Industry Credential: National Safe Tractor and Machinery Operation Certification

Course Description: This course develops knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. The primary purpose of this course is to prepare students to handle the day-to-day problems and repair needs they will encounter in their chosen agricultural career. Topics include agricultural mechanics safety, agricultural engineering career opportunities, hand/power tool use and selection, electrical wiring, fencing, paints and preservatives, basic metal working, basic agricultural construction skills related to plumbing, carpentry, basic welding, and leadership development. *Course enrollment limited to 20 to ensure safety in laboratory settings.

AGRICULTURAL MECHANICS II HONORS

Course Code: AS325X0

Prerequisite: Agricultural Mechanics I

Aligned Industry Credential: National Safe Tractor and Machinery Operation Certification

Course Description: In this course, the topics of instruction emphasized are non-metallic agricultural fabrication techniques, metal fabrication technology, safe tool and equipment use, human resource development, hot/cold metal working skills and technology, advanced welding and metal cutting skills, working with plastics, plumbing, concrete and masonry, agricultural power and advanced career exploration/decision making. *Course enrollment limited to 20 to ensure safety in laboratory settings.

ANIMAL SCIENCE I

Course Code: AA212X0

Aligned Industry Credential: Youth for the Quality Care of Animals Certification

Course Description: 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.

ANIMAL SCIENCE II - COMPANION ANIMAL

Course Code: AA232X0

Prerequisite: Animal Science I

Course Description: This course provides instruction on animal science topics related to small animals that are served by a veterinarian. Content related to the breeding, grooming, care and marketing of animals that fit into this category are taught in this course.

ANIMAL SCIENCE II HONORS - FOOD ANIMAL

Course Code: AA225X0

Prerequisite: Animal Science I

Course Description: This course includes more advanced scientific principles and communication skills and includes animal waste management, animal science economics, decision making, and global concerns in the industry, genetics, and breeding.

EQUINE SCIENCE I

Course Code: AA312X0

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

EQUINE SCIENCE II HONORS

Course Code: AA35X0

Prerequisite: Equine Science I

Aligned Industry Credential: Equine Management and Evaluation Certification

Course Description: This course focuses on more advanced applications of feeding, breeding, and management practices involved in the horse industry.

HORTICULTURE I

Course Code: AP412X0

Course Description: 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.

HORTICULTURE II

Course Code: AP422X0

Prerequisite: Horticulture I

Aligned Industry Credential: NC Private Pesticide Applicator License

Course Description: 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.

HORTICULTURE II LANDSCAPING HONORS

Course Code: AP445X0

Prerequisite: Horticulture I

Aligned Industry Credential: NC Private Pesticide Applicator License

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

VETERINARY ASSISTING HONORS

Course Number: AA415X0

Prerequisite: Animal Science II or Equine Science II

Aligned Industry Credential: Certified Veterinarian Assistant

Course Description: This course provides instruction for students desiring a career in animal medicine. Topics include proper veterinary practice management and client relations, pharmacy and laboratory procedure, advanced animal care, and surgical/radiological procedures. Applied mathematics, science and writing are integrated throughout the curriculum. Advanced FFA leadership will be infused throughout the curriculum to develop the student's ability to work with the public. All aspects of this course will feature hands-on skill sets designed to enhance experiential learning. Work-based learning strategies appropriate for this course are cooperative education, internship, mentorship, service-learning job shadowing and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

*Students who wish to take the Veterinary Assisting Exam developed by Texas Veterinary Medical Association to be a Certified Veterinary Assistant (CVA) Level 1 should complete an additional 500 hours of supervised agricultural experience (SAE) during their three animal science courses. Two hundred SAE hours focus on the care and management of animals; will be substantiated by records and conducted under the direct supervision of the agricultural teacher. Hours may be earned any time during the year including summer months. An additional 300 hours of supervised agricultural experience (worked based learning) will be conducted as an internship program in animal medicine under the supervision of a licensed veterinarian or certified veterinary technician who will attest that participating students have mastered a standard set of skills used in animal medicine as identified by the cooperating teacher. Hours may be earned any time during the year including summer months.

BUSINESS, FINANCE, AND MARKETING EDUCATION

ACCOUNTING I

Course Code: BA102X0

Aligned Industry Credential: Intuit QuickBooks Certified User

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

ACCOUNTING II HONORS

Course Code: BA205X0

Prerequisite: Accounting I

Aligned Industry Credential: Intuit QuickBooks Certified User

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

ENTREPRENEURSHIP I

Course Code: ME112X0

Course Description: In this course, students evaluate the concepts of going into business for themselves and working for or operating a small business. Emphasis is on the exploration of feasible ideas of products/services, research procedures, business financing, marketing strategies, and access to resources for starting a small business. Students develop components of a business plan and evaluate startup requirements.

ENTREPRENEURSHIP II HONORS

Course Code: ME125X0

Prerequisite: Entrepreneurship I

Course Description: In this honors-level course students develop an understanding of pertinent decisions to be made after obtaining financing to open a small business. Students acquire in-depth understanding of business regulations, risks, management, and marketing. Students develop a small-business management handbook. Students that successfully complete this course will earn Honors credit. Work-based learning strategies appropriate include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing.

FINANCIAL PLANNING I

Course Code: BF212X0

Prerequisite: Principles of Business and Finance

Aligned Industry Credential: EverFi Financial Literacy

Course Description: This course is designed to cover key strategies for wealth building as students learn to evaluate businesses for investment opportunities while incorporating current headlines and trends, financial resources, and stock market simulation. Also, students will develop techniques to enhance personal wealth building for a secure financial future. Current technology will be used to acquire information and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic, team-building and critical-thinking skills.

FINANCIAL PLANNING II

Course Code: BF222X0

Prerequisite: Financial Planning I

Aligned Industry Credential: EverFi Financial Literacy

Course Description: Students will further develop the fundamental knowledge and skills acquired in the prerequisite course to create a business financial plan; including loans, insurance, taxes, corporate governance, and explore the various risks and returns associated with business activities. Emphasis will be placed on analyzing ethical situations in various aspects of finance in local, national, and global business environments. Current technology will be used to acquire information and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic, team-building and critical-thinking skills.

HOSPITALITY AND TOURISM

Course Code: MH422X0

Prerequisite: Principles of Business OR Sports and Entertainment Marketing I

Course Description: In this course, students acquire understanding of the economic impact and marketing strategies for hospitality and tourism destinations. Emphasis is on destination complexity, customer relations, economics, legal and ethical responsibilities, safety and security, and tourism promotion.

PRINCIPLES OF BUSINESS AND FINANCE

Course Code: BF102X0

Course Description: 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.

SALES I

Course Code: MI312X0

Course Description: This course will teach students the basic knowledge around the sales profession. Students will explore careers in selling, personal branding, communication skills, customer service, buying behavior, technology, types of selling, product knowledge, and the selling process. Project-based learning,

SALES II

Course Code: MI322X0

Prerequisite: Sales I

Course Description: This course will teach students the art of selling and will build on the content from the Sales I course. Students will further develop their personal brand and will continue to work on communication and customer service skills in addition to learning about pre- and post-sales activities. Students will use role plays to engage in the selling process and will learn to think on their feet. Project-based learning,

SPORTS AND ENTERTAINMENT MARKETING I

Course Code: MH312X0

Course Description: 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.

SPORTS AND ENTERTAINMENT MARKETING II HONORS

Course Code: MH325X0

Prerequisite: Sports and Entertainment Marketing I

Course Description: In this course, students acquire an understanding of selling, promotion, and market planning of sports, entertainment, and event marketing. Emphasis is on business management, career development, client relations, contracts, ethics, event management, facilities management, legal issues, and sponsorships.

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

MICROSOFT WORD AND POWERPOINT (REGULAR OR HONORS)

Course Code: BM102X0 or BM105X0

Aligned Industry Credential: Microsoft Office Specialist: Word and PPT

Course Description: Students in the Microsoft Imagine Academy benefit from world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom environment. Students will learn to use the current version of Microsoft Word interface, commands, and features to create, enhance, customize, share and create complex documents, and publish them. Students will also learn to use the current version of Microsoft PowerPoint interface, commands, and features to create, enhance, customize, and deliver presentations.

MICROSOFT EXCEL HONORS

Course Code: BM205X0

Aligned Industry Credential: Microsoft Office Specialist: Excel

Course Description: Students in Microsoft Imagine Academy benefit from world-class Microsoft curriculum and cutting-edge software tools to tackle real-world challenges in the classroom environment. This class is designed to prepare students for successful completion of the Microsoft Office Specialist Excel Core and Excel Expert exams. Successful candidates for the Microsoft Office Specialist Excel certification exam will be able to create and edit a workbook with multiple sheets, use graphic elements to represent data visually. Expert-level candidates have an advanced understanding of the Excel environment. They create, manage, and distribute professional spreadsheets for a variety of specialized purposes and situations. They customize their Excel environments to meet project needs and to enhance productivity.

INTRODUCTION TO COMPUTER SCIENCE USING MAKECODE

Course Code: BP012X0

Course Description: This is an introduction to coding and computer science by way of making and design, using the revolutionary new micro:bit microcontroller board, and Microsoft's easy and powerful MakeCode block-based coding environment. It is a project-based curriculum with a maker philosophy at its core; the idea is that by making physical objects, students create a context for learning the coding and computer science concepts. 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.

COMPUTER SCIENCE I

Course Code: BP412X0

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

COMPUTER SCIENCE II

Course Code: BP422X0

Prerequisite: Computer Science I

Course Description: This is a second level introductory course in computer science that builds on the foundation of Computer Science I. This course offers a more in-depth examination of the "big CS ideas" including a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play. Students will extend their programming skills to include more complex constructs including objects and data abstraction.

AP COMPUTER SCIENCE PRINCIPLES

Course Code: 0A025X0

Course Description: AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

AP COMPUTER SCIENCE

Course Code: 2A025X0

Course Description: This is a college-level introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course. The course is designed to be the equivalent of a first-semester college course in computer science. Mathematics is reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing.

PYTHON PROGRAMMING I

Course Code: BP142X0

Course Description: This course is designed to introduce Python as a beginning course. The course is designed for students to learn and practice coding in an online environment that requires only a modern web browser and Internet connection. No special software is required to complete this course. The course includes video content, practice labs, and coding projects. Mathematics is reinforced.

PYTHON PROGRAMMING II

Course Code: BP162X0

Prerequisite: Python Programming I

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

EDUCATION AND TRAINING

CHILD DEVELOPMENT

Course Code: FE602X0

Course Description: 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, childcare 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.

EARLY CHILDHOOD EDUCATION I HONORS

Course Code: FE115X0

Prerequisite: Child Development

Course Description: This two-credit course provides experiences in working with children from infancy to age 12 in education and childcare settings. Areas of study include program planning and management, developmentally appropriate practice, procedures, and strategies for working with special groups of children, career development and professionalism. An internship makes up 50% of instructional time. Students must be 15 years of age prior to October 1 to enroll in this course. For safety reasons and number of interns placed, enrollment should not exceed 20 in this course.

COUNSELING AND MENTAL HEALTH I

Course Code: FC132X0

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

COUNSELING AND MENTAL HEALTH II

Course Code: FC142X0

Prerequisite: Counseling and Mental Health I

Aligned Industry Credential: Pre-Professional Assessment and Certification in Family and Community Services

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

FAMILY AND CONSUMER SCIENCES EDUCATION

CULINARY ARTS AND HOSPITALITY I

Course Code: FH102X0

Aligned Industry Credential: ServSafe Food Protection Manager Certification

Course Description: This course is designed to introduce students to the hospitality and food service industry by learning about components of professional practice and building basic knowledge and skills in food preparation, garde manger, baking, and food service operations. The introduction includes students learning food safety, breakfast cookery, salads and sandwiches, quick breads and cookies, and dining room service. Art, English language arts, mathematics, science, and social studies are reinforced.

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

CULINARY ARTS AND HOSPITALITY II APPLICATIONS

Course Code: FH112X0

Prerequisite: Culinary Arts and Hospitality I

Aligned Industry Credential: ServSafe Food Protection Manager Certification

Course Description: This course is designed for students to demonstrate their knowledge and skills in basic food preparation, garde manger, baking and food service operations by planning and executing the program's school-based enterprise. The experience includes students preparing and selling breakfast items, salads and sandwiches, and quick breads and cookies while applying safety, sanitation, and guest service skills. *For safety reasons, enrollment is not to exceed 20 in this course.

CULINARY ARTS AND HOSPITALITY III

Course Code: FH132X0

Prerequisite: Culinary Arts and Hospitality I and II (Applications)

Aligned Industry Credentials: Pre-Professional Assessment and Certification in Culinary Arts

ServSafe Food Protection Manager Certification

Course Description: The course is designed for students to further develop their knowledge and skills through learning about advanced food preparation, garde manger, baking and pastry, and food service operations. The experience includes students learning cooking techniques, food preservation, yeast breads and pastries preparation, human relations management, menu planning, and food service purchasing and receiving. *For safety reasons, enrollment is not to exceed 20 in this course

FOOD AND NUTRITION I

Course Code: FN412X0

Aligned Industry Credential: ServSafe Food Protection Manager Certification

Course Description: This course examines the nutritional needs of the individual. Students learn fundamentals of food production, kitchen and meal management, food groups and their preparation, and time and resource management. *For safety and sanitation reasons, enrollment should not exceed 20 in this course.

FOOD AND NUTRITION II

Course Code: FN422X0

Prerequisite: Food and Nutrition I or Culinary Arts and Hospitality I

Aligned Industry Credential: ServSafe Food Protection Managers Certification

Course Description: In this course, students experience the cross-section of nutrition science and food preparation while building skills for an expanding range of career opportunities. Emphasis is placed on health and social responsibility while improving the way people eat. Students come to understand food protection, nutrients, lifespan nutrition, sports nutrition, medical nutrition therapy, American and global foodways, and entrepreneurship. *For safety and sanitation reasons, enrollment should not exceed 20 in this course.

HEALTH SCIENCE EDUCATION

FOUNDATIONS OF HEALTH SCIENCE

Course Code: HU102X0

Course Description: This course is designed to assist potential health care workers in their role and function as health team members. Topics include medical terminology, the history of health care, healthcare agencies, ethics, legal responsibilities, health careers, holistic health, healthcare trends, cultural awareness, communication, medical math, leadership, and career decision making.

HEALTH SCIENCE I (REGULAR OR HONORS)

Course Code: HU402X0 or HU405X0

Prerequisite: Foundations of Health Science is highly recommended.

Aligned Industry Credential: First Aid

Course Description: This course focuses on human anatomy, physiology, human body diseases and disorders, and biomedical therapies. Students will learn about healthcare careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content.

HEALTH SCIENCE II (REGULAR OR HONORS)

Course Code: HU422X0 or HU425X0

Prerequisite: Health Science I

Aligned Industry Credentials: CPR/AED

Stop the Bleed

OSHA 10-Hour General Industry (Healthcare) Certification

Course Description: This course is designed to help students expand their understanding of financing and trends of healthcare agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills, including current CPR and first aid training for healthcare professionals.

NURSING FUNDAMENTALS HONORS

Course Number: HN435X0 (HHS) or HN43WX0 (NBHS, WCHS)

Prerequisite: Health Science II

Aligned Industry Credential: North Carolina Nurse Aide I

Course Description: This course is designed for students interested in medical careers where personal care and basic nursing skills are used. This course is an enhanced adaptation of the North Carolina Division of Health Service Regulation (DHSR) Nurse Aide I (NAI) curriculum and helps prepare students for the National Nurse Aide Assessment (NNAAP). Students who pass the NNAAP become listed on the NC NAI Registry. English language arts mathematics, and science are reinforced.

Special Note: Enrollment is limited per North Carolina Board of Nursing (BON) Administrative Rule 21 NCAC 36.0318(i), which requires the ratio of teacher to nurse aide students be 1:10 or less during lab instruction, demonstration, skills practice, and while in the clinical area.

PHARMACY TECHNICIAN HONORS

Course Number: HH32WX0

Prerequisite: Health Science II

Aligned Industry Credential: CPhT Certified Pharmacy Technician

Course Description: Students learn the skills to assist pharmacists in retail and medical practices. Topics included in this course are federal law, medication used in major body systems, calculations, and pharmacy operations. Preparation for the national Pharmacy Technician Certification Board (PTCB) exam is included in the program.

TECHNOLOGY ENGINEERING AND DESIGN

TECHNOLOGY ENGINEERING AND DESIGN

Course Code: TE112X0

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

ENGINEERING DESIGN

Course Code: TE132X0

Prerequisite: Technology Engineering and Design

Course Description: This course continues to apply the skills, concepts, and principles of engineering. Students explore various technological systems and engineering processes in related career fields. Topics include investigating technological systems, design optimization, and problem solving. Students utilize CAD and physical and virtual modeling concepts to construct, test, collect, and report data. Art, English language arts, mathematics and science are reinforced.

TECHNOLOGICAL DESIGN

Course Code: TE122X0

Prerequisite: Technology Engineering and Design

Course Description: This course continues to apply the skills, concepts, and principles of design. The design fields of graphics, industrial design, and architecture receive major emphasis. Engineering content and professional practices are presented through practical application. Working in design teams, students apply technology, science, and mathematics concepts and skills to solve engineering and design problems. Students will research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics.

DIGITAL DESIGN AND ANIMATION I

Course Code: TS242X0

Course Description: This course introduces students to the use of complex graphic tools. Emphasis is placed on the principles, concepts, and use of complex graphic and visualization tools as applied to the study of science and technology. Students use complex 2D graphics, animation, editing, and image analysis tools to better understand, illustrate, explain, and present technical, mathematical, and/or scientific concepts and principles. Emphasis is placed on the use of computer-enhanced images to generate both conceptual and data-driven models, data-driven charts and animations.

DIGITAL DESIGN AND ANIMATION II

Course Code: TS252X0

Prerequisite: Digital Design and Animation I

Aligned Industry Credential: Autodesk 3DS Max

Course Description: This course provides students with advanced skills in the use of complex visualization tools for the study of science, technology, or mathematical concepts. Students design and develop increasingly complex data and concept-driven visualization models. Students use complex 2D and 3D graphics, animation, editing, and image analysis tools to better understand, illustrate, and explain concepts. Students present technical, mathematical, and/or scientific concepts and principles.

GAME ART AND DESIGN

Course Code: TS3120

Prerequisite: Digital Design and Animation I

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

ADVANCED GAME ART AND DESIGN

Course Code: TS322X0

Prerequisite: Game Art and Design

Course Description: This course is a continuation in the study of game design. Emphasis is placed on working collaboratively as a team and creating 3-D game-ready assets and environments. Students will recognize roles in a game development team, create and pitch an original game idea and understand production management in a team environment. They will gain understanding of higher-level game design concepts such as interface design, flow, and affordance. They will utilize current industry standard AAA game engines to produce a finished multilevel game. Lastly students will produce a postmortem and update their work in their game design portfolio.

TRADE AND INDUSTRIAL EDUCATION - MANUFACTURING

ADVANCED MANUFACTURING I

Course Number: IM112X0

Aligned Industry Credentials: MSSC: Certified Production Technician - Safety

MSSC: Certified Production Technician - Maintenance

Course Description: This course is the first part of a two-part sequence on the basic functional knowledge and skills needed in the advanced manufacturing environment. This course covers introduction to manufacturing, safety, and quality and is based upon the Manufacturing Skills Standards Council's (MSSC) Certified Production Technicians certification (CPT). CPT is recognized by manufacturers in NC and the USA as a fundamental certification needed by advanced manufacturing production workers. Topics included in this course include 21st century skills, working in manufacturing, understanding customers' needs, communication strategies, how to develop and deliver training, manufacturing safety, personal protective equipment, fire and electrical safety, blueprint reading, basic measurement, precision tools, quality systems, corrective action process, and verification processes.

ADVANCED MANUFACTURING II

Course Number: IM122X0

Prerequisite: Advanced Manufacturing I

Aligned Industry Credentials: MSSC: Certified Production Technician - Process

MSSC: Certified Production Technician - Quality

Course Description: This course is the second part of a two-part sequence on the basic functional knowledge and skills needed in the advanced manufacturing environment. This course covers manufacturing processes, production and maintenance and is based upon the Manufacturing Skills Standards Council's (MSSC) Certified Production Technicians certification (CPT). CPT is recognized by manufacturers all over NC and the USA as a fundamental certification needed by advanced manufacturing production workers. Topics included in this course are identifying customer needs, determining resources available for production process, equipment setup, setting team, production goals, perform and monitor the process to make a product, document the process and determine product shipping or distribution, and performing routine maintenance of electrical, pneumatic, hydraulic, and machine automation.

INTRODUCTION TO TRADE AND INDUSTRIAL EDUCATION

Course Number: IU102X0

Course Description: This course will introduce students to concepts needed for careers in the trade and industry professions. Skillsets specific to trade and industry careers will be provided to include key concepts from the systems used in manufacturing processes and will incorporate problem-solving, design, technical communication, modeling, testing, evaluation, and implications of technology. Activities associated with the major program areas of trade and Industrial education will provide practical applications to enhance student learning.

MANUFACTURING ROBOTICS HONORS

Course Number: IM145X0

Prerequisite: Advanced Manufacturing I

Aligned Industry Credential: FCR-01 FANUC Certified Robot – Operator 1

Course Description: This course is designed to teach students about robotics in manufacturing, including how to program, operator, and maintain a robot used in the manufacturing environment. This course prepares students for FCR-01 FANUC Certified Robot - Operator 1 assessment through NOTIC. English language arts are reinforced.

MECHATRONICS I

Course Number: TL422X0

Prerequisite: Advanced Manufacturing I is highly recommended.

Course Description: This course is an introduction to mechatronic systems, which require integration of the mechanical and electrical engineering disciplines within a unified framework. There are significant laboratory-based design experiences. Topics covered in the course include Concepts of AC/DC Electronics, Inductors, Capacitors, Transformers, Relays, and Troubleshooting Circuits. Concepts of Pneumatics, Basic Control of Pneumatic Cylinders and Motors. This course is designed in partnership with local business, industry, and community college correspondence. Siemens Mechatronic Systems Certification may be offered as a student credential which will feed directly into a post-secondary education or career in Advanced Manufacturing.

MECHATRONICS II

Course Number: TL432X0

Prerequisite: Mechatronics I

Course Description: This course is an introduction to mechatronic systems, which require integration of the mechanical and electrical engineering disciplines within a unified framework. There are significant laboratory-based design experiences. Topics covered in the course include Programmable Logic Controllers, Ladder Logic, Analytical PLC Reporting, Robotic Programming and Operations. This course is designed in partnership with local business, industry, and community college correspondence.

WOODWORKING I

Course Number: IM212X0

Aligned Industry Credential: OSHA 10-Hour Manufacturing Industry Certification

Course Description: This course introduces career information, employment opportunities, and skills required for work in the woodworking and cabinetmaking industry. Topics include the woodworking industries, health, and safety design and layout, materials, hand tools, power tools, portable and stationary, preparation, construction and assembly, and finishing.

WOODWORKING II

Course Number: IM222X0

Prerequisite: Woodworking I

Aligned Industry Credential: OSHA 10-Hour Manufacturing Industry Certification

Course Description: This course teaches the development of knowledge and advance skills in the woodworking and cabinetmaking industry. Emphasis is placed on advanced principles applied to the woodworking and cabinetmaking industry. Topics include advanced levels of the cabinetmaking industry, health and safety, design and layout, materials, hand tools, power tools, portable and stationary, preparation, construction and assembly, and finishing.

TRADE AND INDUSTRIAL EDUCATION – ADOBE

ADOBE VISUAL DESIGN

Course Number: IL312X0

Aligned Industry Credentials: Adobe Certified Associate: Photoshop and Illustrator

Course Description: 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 and Illustrator certifications.

ADOBE VIDEO DESIGN

Course Number: IL332X0

Prerequisite: IL31 Adobe Visual Design

Aligned Industry Credential: Adobe Certified Associate: Premier Pro

Course Description: 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 Premier Pro certification.

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

AUTOMOTIVE SERVICE FUNDAMENTALS

Course Code: IT112X0

Aligned Industry Credentials: S/P2 Mechanical Pollution Prevention and Mechanical Safety

Course Description: This course introduces basic automotive skills in service & safety, engine repair, automatic transmissions & transaxles, manual drivetrain & axles, and job opportunities in the auto repair industry. As part of the ASE accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements.

AUTOMOTIVE SERVICE I

Course Number: IT162X0

Prerequisite: Introduction to Automotive Service Fundamentals

Course Description: 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.

AUTOMOTIVE SERVICE II HONORS

Course Number: IT175X0

Prerequisite: Automotive Service I

Aligned Industry Credentials: ASE Entry-Level Certification - Maintenance and Light Repair

ASE Entry-Level Certification - Brakes

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

AUTOMOTIVE SERVICE III HONORS

Course Number: IT185X0

Prerequisite: Automotive Service II

Aligned Industry Credentials: ASE Automotive Maintenance and Light Repair

Certification Test (G1)

ASE Entry-Level Certification – Electrical/Electronic Systems

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

DRONE TECHNOLOGY FUNDAMENTALS

Course Code: ID102X0

Aligned Industry Credential: FAA Trust

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

DRONE TECHNOLOGY I

Course Code: ID112X0

Aligned Industry Credentials: FAA 14 CFR Part 107 Remote Pilot Certificate

NCDOT NC UAS Operator Permit

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

DRONE TECHNOLOGY II

Course Code: ID122X0

Prerequisite: Drone Technology I

Course Description: This course is designed to provide students, who have their FAA CFR 14 Part 107 (The Small UAS Rule), officially known as "Part 107 Remote Pilot Certificate," the knowledge and skills needed to be a commercial pilot in the drone industry. Entrepreneurship, fleet management, and drone software are included in this course with the main focus being on the student choosing a specific field within the drone industry to complete an industry application. Industry application choices include construction, agriculture, public safety, and cinematography uses are covered. English language arts are reinforced.

TRADE AND INDUSTRIAL EDUCATION – DRAFTING

DRAFTING I

Course Code: IC612X0

Aligned Industry Credential: Autodesk Certified User AutoCAD

Course Description: This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas, concepts and trends found in the areas of architecture, manufacturing, engineering, science, and mathematics, sketching and computer assisted design (CAD) skills and techniques. English language arts, mathematics, and science are reinforced.

DRAFTING II ENGINEERING HONORS

Course Code: IV222X0

Prerequisite: Drafting I

Aligned Industry Credential: Autodesk Certified User Inventor

Course Description: This course teaches the development of knowledge and advanced skills in Engineering Drafting and Design. An understanding of 3D CAD concepts and terms, and the use of 3D CAD software such as INVENTOR or SolidWorks, are essential to this course, and the required method of producing finished drawings. Topics cover advanced levels of Engineering Drafting and Design, Career Opportunities, Problem Solving, Manufacturing Processes, Parametric- Solid Modeling, Dimensioning and Tolerancing, Working Drawings, and 3D modeling. English language arts and mathematics are reinforced.

DRAFTING III ENGINEERING HONORS

Course Code: IV235X0

Prerequisite: Drafting II - Engineering

Aligned Industry Credential: Autodesk Certified Professional Inventor

Course Description: This course teaches the development of knowledge and advanced skills in Engineering Drafting and Design. An understanding of 3D CAD concepts and terms, and the use of 3D CAD software such as INVENTOR or SolidWorks, are essential to this course, and the required method of producing finished drawings. Topics include cover advanced levels of Engineering Drafting and Design, Employment Requirements, Engineering Design Concepts and Principles, Advanced Manufacturing Processes, Advanced Parametric-Solid Modeling, Geometric Dimensioning and Tolerancing, Work Drawings and Assemblies, 3D Modeling, Sheet Metal Parts, and Professional Portfolio. English language arts and mathematics are reinforced.

TRADE AND INDUSTRIAL EDUCATION – PUBLIC SAFETY

EMERGENCY MEDICAL RESPONDER

Course Code: IP212X0

Aligned Industry Credential: Emergency Medical Responder

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

EMERGENCY MEDICAL TECHNOLOGY HONORS

Course Code: IP225X0

Prerequisite: Emergency Medical Responder

Requirement: Individuals must be seventeen (17) years of age to take the state exam and must take the exam within 90 days of course completion.

Aligned Industry Credential: EMT Basic

Course Description: This course is aligned to the EMT Basic certification available from the North Carolina Office of Emergency Medical Services and is part I of a two-course sequence required to meet the mandatory hours of training. The course includes skills in each area, using resources from the community to help deliver instruction to the students. English language arts are reinforced.

FIREFIGHTER TECHNOLOGY I

Course Code: IP312X0

Prerequisite: Public Safety I is highly recommended before entering the Firefighter Technology courses.

Aligned Industry Credential: NC OSFM Firefighter I

Course Description: This course covers part of the NC Firefighter certification modules required for all Firefighters in North Carolina. English language arts are reinforced.

FIREFIGHTER TECHNOLOGY II

Course Code: IP322X0

Prerequisite: Firefighter Technology I

Aligned Industry Credential: NC OSFM Firefighter II

Course Description: This course covers additional NC Firefighter certification modules required for all Firefighters in North Carolina. English language arts are reinforced.

FIREFIGHTER TECHNOLOGY III HONORS

Course Number: IP332X0

Prerequisite: Firefighter Technology II

Aligned Industry Credential: NC OSFM Firefighter III

Course Description: This course covers additional NC firefighter certification modules required for all firefighters in North Carolina.

PUBLIC SAFETY I

Course Code: IP112X0

Aligned Industry Credentials: FEMA: NIMS: IS-100.B, IS-700.A, IS-200.B, IS-800.B

Law and Public Safety Introductory Competency

Course Description: 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 from the community to help deliver instruction to the students.

PUBLIC SAFETY II

Course Code: IP122X0

Prerequisite: Public Safety I

Aligned Industry Credentials: Community Emergency Response Team (CERT)- NC-317

NECI 9-1-1 Basic Telecommunicator

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

Program Area	Course Number	Power School Course Title	NC SBE Approved Credential Name
Agriculture	AS31	Agricultural Mechanics I	National Safe Tractor and Machinery Operation Certification
Agriculture	AS32	Agricultural Mechanics II	National Safe Tractor and Machinery Operation Certification
Agriculture	AU10	Agriscience Applications	National Safe Tractor and Machinery Operation Certification
Agriculture	AA21	Animal Science I	Youth for the Quality Care of Animals (YQCA) Certification
Agriculture	AA32	Equine Science II	Equine Management and Evaluation Certification
Agriculture	AA41	Veterinary Assisting	Certified Veterinarian Assistant
Business, Finance, and Marketing	BA10	Accounting I	Intuit Quickbooks Certified User
Business, Finance, and Marketing	BA20	Accounting II	Intuit Quickbooks Certified User
Business, Finance, and Marketing	BF21	Financial Planning I	EverFi Financial Literacy
Business, Finance, and Marketing	BF22	Financial Planning II	EverFi Financial Literacy
Computer Science & Information Technology	II33	Adobe Video Design	Adobe Premier Pro
Computer Science & Information Technology	II31	Adobe Visual Design	Adobe Illustrator
Computer Science & Information Technology	II31	Adobe Visual Design	Adobe Photoshop
Computer Science & Information Technology	BM20	Microsoft Excel	Microsoft Office Specialist and Excel Expert
Computer Science & Information Technology	BM10	Microsoft Word and PowerPoint	Microsoft Office Specialist Word & PowerPoint
Education and Training	FE11	Early Childhood Education	CPR
Education and Training	FE11	Early Childhood Education	First Aid
Education and Training	FE11	Early Childhood Education	North Carolina Early Childhood Credential (NCECC) Equivalency

Family and Consumer Sciences	FH21	Culinary Arts and Hospitality I	ServSafe® Food Protection Managers Certification
Family and Consumer Sciences	FH22	Culinary Arts and Hospitality II	ServSafe® Food Protection Managers Certification
Family and Consumer Sciences	FH13	Culinary Arts and Hospitality III	Pre-Professional Assessment and Certification in Culinary Arts
Family and Consumer Sciences	FN41	Food and Nutrition I	ServSafe Food Protection Managers Certification
Family and Consumer Sciences	FN42	Food and Nutrition II	ServSafe® Food Protection Managers Certification
Health Science	HU40	Health Science I	First Aid
Health Science	HU42	Health Science II	Stop the Bleed
Health Science	HU42	Health Science II	CPR/AED
Health Science	HU42	Health Science II	OSHA 10-Hr Industry
Health Science	HN43	Nursing Fundamentals Honors (two credit course)	North Carolina Nurse Aide I
Health Science	HH32	Pharmacy Technician	Certified Registered Pharmacy Technician (CPHT)
Trade, Technology, Engineering and Industrial	IM11	Advanced Manufacturing I	Certified Production Technician-Maintenance
Trade, Technology, Engineering and Industrial	IM11	Advanced Manufacturing I	Certified Production Technician-Safety
Trade, Technology, Engineering and Industrial	IM11	Advanced Manufacturing I	OSHA 10-Hour General Industry (Manufacturing) Certification
Trade, Technology, Engineering and Industrial	IM12	Advanced Manufacturing II	Certified Production Technician-Process
Trade, Technology, Engineering and Industrial	IM12	Advanced Manufacturing II	Certified Production Technician-Quality
Trade, Technology,	IM12	Advanced Manufacturing II	OSHA 10-Hour General Industry (Manufacturing) Certification

Engineering and Industrial			
Trade, Technology, Engineering and Industrial	IT11	Automotive Service Fundamentals	S/P2 - Mechanical Pollution Prevention
Trade, Technology, Engineering and Industrial	IT11	Automotive Service Fundamentals	S/P2 - Mechanical Safety
Trade, Technology, Engineering and Industrial	IT17	Automotive Service II	ASE Entry-Level Certification - Maintenance and Light Repair
Trade, Technology, Engineering and Industrial	IT17	Automotive Service II	ASE Entry-Level Certification- Brakes
Trade, Technology, Engineering and Industrial	IT18	Automotive Service III	ASE - Auto Maintenance and Light Repair (Test G1)
Trade, Technology, Engineering and Industrial	IT18	Automotive Service III	ASE Entry-Level Certification- Electrical/Electronic Systems
Trade, Technology, Engineering and Industrial	TS25	Digital Design and Animation II	Autodesk 3DS Max
Trade, Technology, Engineering and Industrial	IC61	Drafting I	Autodesk Certified User AutoCAD
Trade, Technology, Engineering and Industrial	IV22	Drafting II - Engineering	Autodesk Certified User Inventor
Trade, Technology, Engineering and Industrial	IV23	Drafting III - Engineering	Autodesk Certified Professional Inventor
Trade, Technology, Engineering and Industrial	ID10	Drone Technology Fundamentals	FAA Trust
Trade, Technology, Engineering and Industrial	ID11	Drone Technology I	CFR 14 Part 107 UAS Remote Pilot Certification
Trade, Technology, Engineering and Industrial	ID11	Drone Technology I	NCDOT NC UAS Operator Permit
Trade, Technology, Engineering and Industrial	IP21	Emergency Medical Responder	NC Emergency Medical Responder

Trade, Technology, Engineering and Industrial	IP22	Emergency Medical Technology	NC EMT Basic
Trade, Technology, Engineering and Industrial	IP31	Firefighter Technology I	NCOSFM Credential - Firefighter Technology I
Trade, Technology, Engineering and Industrial	IP32	Firefighter Technology II	NCOSFM Credential - Firefighter Technology II
Trade, Technology, Engineering and Industrial	IP33	Firefighter Technology III	NCOSFM Credential - Firefighter Technology III
Trade, Technology, Engineering and Industrial	IP11	Public Safety I	National Incident Management System (100, 200, 700, 800)
Trade, Technology, Engineering and Industrial	IP11	Public Safety I	Law and Public Safety Introductory Competency
Trade, Technology, Engineering and Industrial	IP12	Public Safety II	Community Emergency Response Team (CERT)
Trade, Technology, Engineering and Industrial	IP12	Public Safety II	NECI 911 Basic Communications
Trade, Technology, Engineering and Industrial	IM21	Woodworking I	OSHA 10-Hour Construction Industry Certification
Trade, Technology, Engineering and Industrial	IM22	Woodworking II	OSHA 10-Hour Construction Industry Certification

NORTH CAROLINA VIRTUAL PUBLIC SCHOOL

The North Carolina Virtual Public School (NCVPS), established by the North Carolina State Board of Education, is an online school community serving public school students throughout the state of North Carolina. When an NCVPS course is successfully completed, the credit is transferred to the local school of record for placement on the student's transcript. Students are required to take any state mandated tests for the courses. Students must get approval to enroll in a NCVPS course from their school counselor and principal. Principals may approve enrollments after verifying need for online vs face-to-face setting and student readiness for online work. CTE courses must get approval from the Career Development Coordinator and CTE Director as well. The Distance Learning Advisor (DLA) handles registration for the courses. For more information, please visit the NCVPS website at www.ncvps.org.

CREDIT BY DEMONSTRATED MASTERY (CDM)

Credit by Demonstrated Mastery (CDM) is the process by which a student may earn credit for a high school course by demonstrating a deep understanding of the content; without course enrollment or seat time. CDM was designed to respond to the needs of students, families, AIG community, school personnel and leadership.

CDM specifically offers North Carolina students the opportunity to personalize and accelerate their learning, thus allowing for optimal student growth while providing an opportunity to have effective seat time to learn new content.

Students shall demonstrate mastery through a multiphase assessment, consisting of:

- Phase 1: A standard examination, which shall be the EOC/EOG where applicable, or a final exam developed locally; and
- Phase 2: An artifact which requires the student to apply knowledge and skills relevant to the content standards.

While the CDM process is open to all students, it not designed for whole groups of students. Likewise, it is not intended to replace the general accelerated pathways local school districts often provide for advanced students.

North Carolina School of Science and Math (NCSSM) Courses

Students may enroll in online “open enrollment” courses offered through the North Carolina School of Science and Math. Courses vary per semester in synchronous and asynchronous models. Here are some examples of the courses offered: Honors Forensics, Honors Genetics, Biotechnology, Honor Public Health, and Infectious Disease, Honors Tech Art (Art, technology and the building of video games). Some prerequisites are required. There is not tuition cost, however, if a book is required, the cost would be the responsibility of the student/parent. Students who need financial assistance should indicate that with their counselor. Visit the following website for additional information: <http://www.ncssm.edu/openenrollment>.

Career and College Promise (CCP)

In its effort to provide a rigorous expanded curriculum that will adequately prepare students for future educational and workplace endeavors, the Craven County School Board will support high school students who also wish to enroll in classes taught by a college, university, community college or other approved entity in accordance with the requirements of local school board policy, state law and State Board of Education policy. The Career and College Promise program is designed to offer qualified high school students tuition-free dual enrollment opportunities that provide both entry-level job skills as well as pathways leading to a certificate, diploma or degree. Textbooks, supplies, or additional course fees are not covered and are the responsibility of the student. Certain math and science courses will produce a fee included as a balance due on a CCP student’s account once they are registered. This fee grants them access to an eBook for a much lower cost than a physical book. This fee does not cover the price of lab kits and/or Lab manuals. Students must pay this fee as soon as possible to prevent their entire set of Craven Community College classes from being dropped.

If a student completes a needs-based financial form indicating financial need, he or she may check out a college textbook (upon availability) through a textbook lending library. Students should seek this form and the available textbooks from their school counselor.

The State Board of Education, in collaboration with local community colleges, may provide for dual enrollment of qualified high school students in community college courses through (1) a Career and Technical Education Pathway leading to a certificate or diploma aligned with one or more high school Tech Prep Career Clusters or (2) a College Transfer Pathway leading to a college transfer certificate requiring the successful completion of 30 semester hours of transfer courses.

Eligibility criteria is grouped according to grade level in two identifiable groups. Group one is the 11th and 12th grade students and group two is the 9th and 10th grade students.

The following standards apply to the 11th and 12th grade students:

To be eligible for enrollment in the Career/Technical Education Pathway, a student must have an unweighted GPA of 2.8, or higher or have the recommendation of the principal/his or her designee or demonstrate college readiness on an approved assessment (PreACT, PSAT, SAT or ACT) in all domains and meet the pre-requisite for the designated Career Pathway. To maintain eligibility for continued enrollment, students must continue to make progress toward high school graduation, maintain a 2.0 GPA in college course work after completing two courses, and complete 80% of their attempted course work.

To be eligible for enrollment in a College Transfer Pathway, a high school student must be a junior or senior, have an unweighted GPA of 2.8 or higher or demonstrate college readiness on an approved assessment (PreACT, PSAT, SAT or ACT) in all domains.

The following standards apply to the 9th and 10th grade students:

To be eligible for enrollment in the Career/Technical Education Pathway, a student must have the recommendation of high school principal/his or her designee and recommendation of the college administrator and a grade of C or better in Math I, EOC score a 3, 4, or 5 for Math I; and EOG score of 3, 4, and 5 for Math I OR demonstrates college readiness on an approved assessment (PreACT, PSAT, SAT or ACT) in all domains OR grade of P or better in Math I and EOG score of 3, 4, 5 for 7th or 8th grade ELA assessment.

To be eligible for enrollment in a College Transfer Pathway, a student must be identified by local AIG plan in English/Reading and Math OR score in the 92nd to 99th percentile on acceptable test for reading, English and math, demonstrates college readiness on an approved assessment (PreACT, PSAT, SAT or ACT) in all domains, recommendation of high school principal, college administrator, AIG coordinator and parent/guardian. Students must receive academic advising prior to program enrollment.

To maintain continual eligibility for all CCP enrollment, students must maintain progress toward high school graduation, maintain a 2.0+ GPA in college course work after completing two courses and complete 80% of their attempted course work.

Students must obtain a grade of a C or higher for the college credits to be transferred to their future college/university.

Once registered for classes, students must attend a mandatory new CCP Student Orientation on Craven Community College's campus or online. A CCP student/parent contract must be signed indicating commitment to the requirements and understanding of all components of the CCP program.

Craven County Schools require students to maintain enrollment in CCP courses. In order to withdraw from a course, students must receive advising and permission from the high school counselor and principal. Failure to adhere to this process will result in receiving a WF (Withdrawal Failing) on the high school transcript.

If you are interested in enrolling for the Career and College Promise Program at Craven Community College, you can find additional information at <https://cravencc.edu/admissions/application/high-school-students/> Refer to the CCP Operational Procedures on the NC Community College website



Career & College Promise College Transfer Pathways

Pathway for Associate in Arts (P1012C)	Pathway for Associate in Science (P1042C)
<p style="text-align: center;">General Education (32-41 SHC)</p> <p>English Composition (6 SCH)</p> <p>The following two English composition courses are required.</p> <ul style="list-style-type: none"> • ENG 111 Writing & Inquiry (3 SHC) • ENG 112 Writing/Research in the Disciplines (3 SHC) <p>Communications/Humanities/Fine Arts (9 SHC)</p> <p>Select three courses from the following in at least two different disciplines:</p> <p>Communication</p> <ul style="list-style-type: none"> • COM 120 Introduction to Interpersonal Communication (3 SHC) or • COM 231 Public Speaking (3 SHC) <p>Humanities/Fine Arts</p> <ul style="list-style-type: none"> • ART 111 Art Appreciation (3 SHC) • ART 114 Art History Survey I (3 SHC) • ART 115 Art History Survey II (3 SHC) • ENG 231 American Literature I (3 SHC) • ENG 232 American Literature II (3 SHC) • ENG 241 British Literature I (3 SHC) • ENG 242 British Literature II (3 SHC) • MUS 110 Music Appreciation (3 SHC) • MUS 112 Introduction to Jazz (3 SHC) • PHI 215 Philosophical Issues (3 SHC) • PHI 240 Introduction to Ethics (3 SHC) <p>Social/Behavioral Science (9 SHC)</p> <p>Select three courses from the following in at least two different disciplines:</p> <ul style="list-style-type: none"> • ECO 251 Principles of Microeconomics (3 SHC) • ECO 252 Principles of Macroeconomics (3 SHC) • HIS 111 World Civilization I (3 SHC) • HIS 112 World Civilization II (3 SHC) • HIS 131 American History I (3 SHC) • HIS 132 American History II (3 SHC) • POL 120 American Government (3 SHC) • PSY 150 General Psychology I (3 SHC) • SOC 210 Introduction to Sociology (3 SHC) <p>Math (3-4 SHC)</p> <p>Select one course from the following:</p> <ul style="list-style-type: none"> • MAT 143 Quantitative Literacy (3 SHC) • MAT 152 Statistical Methods I (4 SHC) • MAT 171 Pre-calculus Algebra (4 SHC) <p>Natural Sciences (4 SHC)</p> <p>Select one course with lab from the following:</p> <ul style="list-style-type: none"> • AST 111 Descriptive Astronomy (3 SHC) & AST 111A Lab (1 SHC) • AST 151 General Astronomy (3 SHC) & AST 151A Lab (1 SHC) • BIO 110 Principles of Biology (4 SHC) • BIO 111 General Biology I (4 SHC) • CHM 151 General Chemistry I (4 SHC) • GEL 111 Introductory Geology (4 SHC) • PHY 110 Conceptual Physics (3 SHC) & PHY 110A Lab (1 SHC) <p>Academic Transition (1 SHC)</p> <p>The following course is required:</p> <ul style="list-style-type: none"> • ACA 122 College Transfer Success (1 SHC) <p>Additional Hours (0-8 SHC)</p> <p>Up to 8 SHC of a <u>single</u> foreign language with lab from the following:</p> <ul style="list-style-type: none"> • SPA 111 Elementary Spanish I & SPA 181 Spanish Lab I (4 SHC) • SPA 112 Elementary Spanish II & SPA 182 Spanish Lab II (4 SHC) <p>NOTE for both the AA and AS pathways: Receiving universities will determine whether Additional Hour courses will count as general education, pre-major, or elective credit.</p>	<p style="text-align: center;">General Education (35-43 SHC)</p> <p>English Composition (6 SCH)</p> <p>The following two English composition courses are required.</p> <ul style="list-style-type: none"> • ENG 111 Writing & Inquiry (3 SHC) • ENG 112 Writing/Research in the Disciplines (3 SHC) <p>Communications/Humanities/Fine Arts (6 SHC)</p> <p>Select two courses from the following in at least two different disciplines:</p> <p>Communication</p> <ul style="list-style-type: none"> • COM 120 Introduction to Interpersonal Communication (3 SHC) or • COM 231 Public Speaking (3 SHC) <p>Humanities/Fine Arts</p> <ul style="list-style-type: none"> • ART 111 Art Appreciation (3 SHC) • ART 114 Art History Survey I (3 SHC) • ART 115 Art History Survey II (3 SHC) • ENG 231 American Literature I (3 SHC) • ENG 232 American Literature II (3 SHC) • ENG 241 British Literature I (3 SHC) • ENG 242 British Literature II (3 SHC) • MUS 110 Music Appreciation (3 SHC) • MUS 112 Introduction to Jazz (3 SHC) • PHI 215 Philosophical Issues (3 SHC) • PHI 240 Introduction to Ethics (3 SHC) <p>Social/Behavioral Science (6 SHC)</p> <p>Select two courses from the following in at least two different disciplines:</p> <ul style="list-style-type: none"> • ECO 251 Principles of Microeconomics (3 SHC) • ECO 252 Principles of Macroeconomics (3 SHC) • HIS 111 World Civilization I (3 SHC) • HIS 112 World Civilization II (3 SHC) • HIS 131 American History I (3 SHC) • HIS 132 American History II (3 SHC) • POL 120 American Government (3 SHC) • PSY 150 General Psychology I (3 SHC) • SOC 210 Introduction to Sociology (3 SHC) <p>Math (8 SHC)</p> <p>Select two courses from the following:</p> <ul style="list-style-type: none"> • MAT 171 Pre-calculus Algebra (4 SHC) • MAT 172 Pre-calculus Trigonometry (4 SHC) • MAT 263 Brief Calculus (4 SHC) • MAT 271 Calculus I (4 SHC) * • MAT 272 Calculus II (4 SHC) <p>*NOTE: See criteria on the last page for direct placement into MAT 271.</p> <p>Natural Sciences (8 SHC)</p> <p>Select 8 SHC from the following:</p> <ul style="list-style-type: none"> • AST 151 General Astronomy (3 SHC) & AST 151A Lab (1 SHC) • BIO 110 Principles of Biology (4 SHC) • BIO 111 General Biology I (4 SHC) & BIO 112 General Biology II (4 SHC) • CHM 151 General Chemistry I (4 SHC) & CHM 152 General Chemistry II (4 SHC) • GEL 111 Introductory Geology (4 SHC) • PHY 110 Conceptual Physics (3 SHC) & PHY 110A Lab (1 SHC) • PHY 251 General Physics I (4 SHC) & PHY 252 General Physics II (4 SHC) <p>NOTE: Students planning AS or BS degrees are advised to select sequence courses in the same discipline, grouped here as 8 SHC</p> <p>Academic Transition (1 SHC)</p> <p>The following course is required:</p> <ul style="list-style-type: none"> • ACA 122 College Transfer Success (1 SHC) <p>Additional Hours (0-8 SHC)</p> <p>Up to 8 SHC of a <u>single</u> foreign language with lab from the following:</p> <ul style="list-style-type: none"> • SPA 111 Elementary Spanish I & SPA 181 Spanish Lab I (4 SHC) • SPA 112 Elementary Spanish II & SPA 182 Spanish Lab II (4 SHC)

Career & College Promise College Transfer Pathway

Pathway for Associate in Engineering (P1052C) Total SHC 34-50 hours	
<p>General Education (28 SHC)</p> <p>English Composition (6 SCH) The following two English composition courses are required.</p> <ul style="list-style-type: none"> • ENG 111 Writing & Inquiry (3 SHC) • ENG 112 Writing/Research in the Disciplines (3 SHC) <p>Communications/Humanities/Fine Arts (3 SHC) Select one course from the following:</p> <ul style="list-style-type: none"> • ART 111 Art Appreciation (3 SHC) • ART 114 Art History Survey I (3 SHC) • ART 115 Art History Survey II (3 SHC) • COM 231 Public Speaking (3 SHC) • ENG 231 American Literature I (3 SHC) • ENG 232 American Literature II (3 SHC) • ENG 241 British Literature I (3 SHC) • ENG 242 British Literature II (3 SHC) • MUS 110 Music Appreciation (3 SHC) • MUS 112 Introduction to Jazz (3 SHC) • PHI 215 Philosophical Issues (3 SHC) • PHI 240 Introduction to Ethics (3 SHC) <p>Social/Behavioral Science (3 SHC) The following course is required:</p> <ul style="list-style-type: none"> • ECO 251 Principles of Microeconomics (3 SHC) <p>Math (8 SHC) The following courses are required:</p> <ul style="list-style-type: none"> • MAT 271 Calculus I (4 SHC) • MAT 272 Calculus II (4 SHC) <p>Calculus I is the lowest level math course that will be accepted by the engineering programs for transfer as a math credit. Students who are not calculus-ready will need to take additional math courses. See Prerequisite General Education Hours below.</p> <p>Natural Sciences (8 SHC) Select 8 SHC from the following courses:</p> <ul style="list-style-type: none"> • CHM 151 General Chemistry I (4 SHC) • PHY 251 General Physics I (4 SHC) • PHY 252 General Physics II (4 SHC) <p>Prerequisite General Education Hours (0-8 SHC)</p> <ul style="list-style-type: none"> • MAT 171 Pre-Calculus Algebra (4 SHC) • MAT 172 Pre-Calculus Trigonometry (4 SHC) <p>Students who do not place directly into MAT 271 must complete MAT 171 (4 SHC) and MAT 172 (4 SHC) prior to enrolling in MAT 271: Calculus I.</p> <p>See Criteria for Direct Placement into MAT 271 in the right column.</p>	<p>Other Required Hours (6 SHC)</p> <p>Academic Transition (1 SHC) The following course is required:</p> <ul style="list-style-type: none"> • ACA 122 College Transfer Success (1 SHC) <p>Engineering (5 SHC) The following two courses are required.</p> <ul style="list-style-type: none"> • EGR 150 Introduction to Engineering (2 SHC) • DFT 170 Engineering Graphics (3 SHC) <p>Optional General Education Hours (0-8 SHC)</p> <p>Up to 8 SHC of a <u>single</u> foreign language with lab from the following:</p> <ul style="list-style-type: none"> • SPA 111 Elementary Spanish I & SPA 181 Spanish Lab I (4 SHC) • SPA 112 Elementary Spanish II & SPA 182 Spanish Lab II (4 SHC) <p>NOTE: Receiving universities will determine whether Optional Hour courses will count as general education, pre-major, or elective credit.</p> <p style="text-align: center;">Criteria for Direct Placement into MAT 271: Calculus I</p> <p>A student may place directly into MAT 271 if the student has met at least one (1) of the following criteria within the past five (5) years:</p> <ul style="list-style-type: none"> • A score of 2 or higher on the AP Calculus AB Exam. • A grade of C or higher in an AP Calculus course and an unweighted HS GPA of 3.0 or higher. • A score of 90 or higher on the ACCUPLACER College-Level Math (CLM) test. • A score of 46 or higher on the trigonometry section of the ACT Compass Math Placement Test. • A score of 580 or higher on the SAT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state. • A score of 27 or higher on the ACT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state. • A score of 560 or higher on the SAT Subject Test in Mathematics Level 2. <p>Source: North Carolina Community College System numbered memo CC15-017</p>

Career & College Promise College Transfer Pathway

Pathway for Associate Degree Nursing ADN (P1032C) Total SHC 24 hours	
<p>General Education (23 SHC)</p> <p>English Composition (3 SCH) The following English composition course is required.</p> <ul style="list-style-type: none"> • ENG 111 Writing & Inquiry (3 SHC) 	<p>Other Required Hours (1 SHC)</p> <p>Academic Transition (1 SHC) The following course is required:</p> <ul style="list-style-type: none"> • ACA 122 College Transfer Success (1 SHC)

<p>Select one course from the following (3 SHC)</p> <ul style="list-style-type: none"> • ENG 112 Writing/Research in the Disciplines (3 SHC) • ENG 114 Prof Research & Reporting (3 SHC) <p>Humanities/Fine Arts (3 SHC) Select one course from the following:</p> <ul style="list-style-type: none"> • ART 111 Art Appreciation (3 SHC) • ART 114 Art History Survey I (3 SHC) • ART 115 Art History Survey II (3 SHC) • MUS 110 Music Appreciation (3 SHC) • MUS 112 Introduction to Jazz (3 SHC) • PHI 215 Philosophical Issues (3 SHC) • PHI 240 Introduction to Ethics (3 SHC) • HUM 115 Critical Thinking (3 SHC) <p>Social/Behavioral Science (6 SHC) The following courses are required:</p> <ul style="list-style-type: none"> • PSY 150 General Psychology (3 SHC) • PSY 241 Developmental Psychology (3 SHC) <p>Natural Sciences (8 SHC) Select 8 SHC from the following courses:</p> <ul style="list-style-type: none"> • BIO 168 Anatomy & Physiology I (4 SHC) • BIO 169 Anatomy & Physiology II (4 SHC) 	<p>*High school students in the CCP Associate Degree Nursing Pathway to the Associate in General Education Nursing (A1030N) program must complete the entire pathway before taking additional courses in the Associate in General Education Nursing (A1030N) program</p>
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Other College Courses

For a student to receive credit for high school graduation the principal must approve the course in advance. The parent or guardian of the student must give permission for the student to take the course. Enrollment of a student in a course is the responsibility of the student and the student’s parent or guardian. Unless otherwise provided, tuition, fees, charges, and transportation needs are the responsibility of the student and the student’s parent/guardian. Additionally, the school at which the course is offered must provide such essential information as is generally included in official transcripts of school records. This information must include: (1) a description of the content and subject matter covered by the course; (2) the number of clock hours of instruction in the course; and (3) the student’s achievement or performance level in the course. In addition, a syllabus that includes course goals, course objectives, course activities and grade requirement must be provided.

HAVELOCK HIGH SCHOOL COUNSELING DEPARTMENT

CEEB CODE 341738

Last Names A-Gn	Christi Mendes	(252) 463-1508
Last Names Go-N	Alexis Barbour	(252) 463-1507
Last Names O-Z	Lindsay Slocum	(252) 463-1506
Secretary	Alexandra Vaccaro	(252) 463-1505
Counseling Office Fax		(252) 444-5116
CTE Career Development Coordinator		(252) 463-1520
Principal	Stacie Friebel	(252) 444-5112

NEW BERN HIGH SCHOOL COUNSELING DEPARTMENT

CEEB CODE 342882

Last Names A-C, ESL students	Dale McCallister	(252) 514-6075
Last Names D-J	Harper Dabagian	(252) 514-6077
Last Names K-P, OCS		(252) 514-6076
Last Names Q-Z	Heidi Ricks	(252) 514-6074
Secretary	Susan Chadick	(252) 514-6070
Counseling Office Fax		(252) 514-6042
CTE Career Development Coordinator	Lori Prescott	(252) 514-6046
Principal	Jerry Simmons	(252) 514-6400

WEST CRAVEN HIGH SCHOOL COUNSELING DEPARTMENT

CEEB CODE 344065

Last Names A-F	Cody Krieger	(252) 244-3263
Last Names G-N	Delzora M. Clark	(252) 244-3264
Last Names O-Z	Melissa Hastings	(252) 244-3265
Secretary	Nikki Staton	(252) 244-3262
Main Office Fax		(252) 244-3207
CTE Career Development Coordinator	Bev McMillen	(252) 244-3200
Principal	Montrell Lee	(252) 244-3200