

# BGCS

BEAR GRASS CHARTER SCHOOL

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## **REGISTRATION GUIDE**

**2025 – 2026**



# TABLE OF CONTENTS

<a href="#">Registration Guidelines</a>	2
<a href="#">Future Ready Core Curriculum</a>	2
<a href="#">High School Courses Taken at the Middle School</a>	3
<a href="#">Online Learning Through North Carolina Virtual Public School</a>	3-4
<a href="#">Martin Community College</a>	4-5
<a href="#">EOC, CTE, NC Final Exams, Exam Exemptions</a>	5-6
<a href="#">WorkKeys</a>	6
<a href="#">NC Testing Achievement Levels</a>	6-7
<a href="#">Early Graduation for Seniors</a>	7
<a href="#">Promotion Standards and Quality Points</a>	7-8
<a href="#">AIG Students</a>	8
<a href="#">Honor Courses</a>	8-9
<a href="#">Honor Roll</a>	9
<a href="#">Academic Honors and Achievements</a>	9-10
<a href="#">Scholar Endorsement Opportunities</a>	10-12
<a href="#">BGCS Graduation Requirements</a>	13
<a href="#">English</a>	14-17
<a href="#">Mathematics</a>	18-21
<a href="#">Science</a>	21-24
<a href="#">Social Studies</a>	24-27
<a href="#">World Language</a>	28
<a href="#">Health and PE</a>	28-29
<a href="#">Fine Arts</a>	29-31
<a href="#">Career and Technical Education</a>	31-34

## **GUIDELINES FOR REGISTRATION**

During the registration process, students enroll in eight classes, 4 courses each semester. Bear Grass Charter School is on a block schedule. This Registration Guide is provided for students, parents, and educators so students can make informed decisions about the courses they will take in the next school year.

Additional information about courses and prerequisites is also included. Suggestions for course sequences are provided so students and parents can see the importance of planning and choosing courses during their high school career. Course selection definitely has an impact on education and career goals.

During the registration process, counselors will assist students with their final selections. Alternates are important because first choices may not always be available. During the summer, a schedule will be made available to parents and students.

### **Future Ready Core Curriculum**

High School prepares students for their future whether it be furthering their education at a community college or four-year college or university or beginning a career. It is critical that students make wise choices about their studies and opportunities afforded them in high school.

New graduation requirements are assigned by the year a student enters the ninth grade for the first time. It is critical that parents and students know and understand the requirements for their student when they enter high school.

Every North Carolina high school must:

- meet course and credit requirements based on when they initially entered high school as a ninth grader
- successfully complete Cardiopulmonary Resuscitation (CPR) training, and
- meet any additional requirements adopted by the local Board of Education

## **High School Courses Taken at the Middle School**

Students in grades 6-8 who pass courses that are described in and aligned to the North Carolina Standard Course of Study for grades 9-12 may use the course(s) to meet high school graduation requirements. Such course(s) shall count toward meeting graduation requirements and the number of credits required to graduate, and shall appear on the high school transcript. These courses shall not be included in the calculation of a student's high school Grade Point Average (GPA). Student GPA shall be computed only with courses taken during the high school years. Students transferring to BGCS from an out-of-state middle school with high school credit listed on their transcripts will be given credit for the high school courses meeting NC graduation requirements and NC State Board of Education Policy.

## **Online Learning Through NC Virtual Public School**

**NCVPS** is not a Bear Grass Charter School. It is a school within its own right, and it is not governed by BGCS. Any student who chooses to take an online course comes under the North Carolina Virtual Public School Policy.

### **Student Attendance**

An online learning class, because it is conducted entirely over the Internet, may offer more flexibility than traditional face-to-face classes. Students can access their class in the evening and on weekends, as well as during the normal school day. With that flexibility comes responsibility. Students are expected to log into their classes daily to get the latest assignments and instructions from their teachers. Although students can access work from home via the Internet, students are assigned a class period during the school day during which they are expected to work on their online class assignments.

### **Self-Discipline**

Because of the flexibility in online learning classes, it can be easy to fall behind with work. It is up to each student to check assignment due dates, set his or her own pace, and submit work on time. Assignments in NCVPS classes vary from class to class and may include quizzes and tests, reading and writing assignments, term papers, special projects, lab exercises, class discussion, and group activities. One of the biggest mistakes new NCVPS students make is not giving themselves enough time to complete their work. Avoid this mistake by completing work early.

### **Communicating with the Online Learning Teacher and NCVPS Facilitator**

In an online learning class, you are responsible for much of your own success. Because the teacher isn't located in the local school and all communication is done online, students must remember to post messages for their NCVPS teacher as soon as

they have a question or are having trouble understanding a concept. Students can expect to receive regular communication from their teacher, which will include feedback on the work they post as well as general comments. It is up to each student to take responsibility for asking questions.

### **Online Learning Policies on Grade Reporting**

- Teachers will post a final grade for each student at the end of the course
- Teachers will regularly provide a current grade average for each student
- NCVPS facilitators check current grade averages and also provide NCVPS final grades to local schools
- The method used to calculate student grades is unique to each NCVPS class and is determined by the NCVPS teacher. Remember that NCVPS teachers are “real” teachers located in “real” high schools all over the state. Just as teachers in local schools vary in teaching styles and grading methods, so do NCVPS teachers.
- The teacher communicates how grades will be calculated at the start of the NCVPS class.

**Please note that parents of NCVPS students are encouraged to call or email their child’s online teacher just as they would for a course in the local high school.**

If you think that online learning is something you would like to pursue, please see your guidance counselor. Keep in mind that NCVPS courses are available to students across North Carolina and there are limitations to the number of seats that may be available. Enrollment is not guaranteed.

See [www.ncvps.org](http://www.ncvps.org) for more information

### **Martin Community College Career and College Promise**

NC Career & College Promise offers qualified North Carolina students the opportunity to begin their diploma, certificate, two-year degree, or four-year college course work while they are in high school. Those eligible get a tuition-free head start on workplace job skills and college preparation. The goal of Career & College Promise is to offer educational opportunities and seamless dual enrollment in community college courses. This is accomplished through enrollment in College Transfer Pathways (CTP) and/or Career Technical Education Pathways (CTE) that are specifically designed to meet the educational goals of NC public schools, private schools, and homeschool students.

**To be eligible for a College Transfer Pathway, students must:**

- Be a high school junior or senior
- Have an unweighted cumulative GPA of 2.8 or higher on high school courses; and or demonstrate college readiness in English, reading, and mathematics on an approved assessment

**To be eligible for a College Transfer Pathway, students must:**

- Be a high school freshman or sophomore
- Be identified as gifted by local AIG plan in English/reading **and** math
- Have proficient scores on the 8th grade ELA EOG & Math 1 EOC
- Receive approval of the college president or the college's chief student development administrator or the college's chief academic officer
- Receive written consent of the student's parent/guardian
- Receive academic advising prior to enrollment in the program

**Freshmen and Sophomores may not enroll in any CTE pathways that contain UGETC (Universal General Education Transfer Component) courses.**

## **EOC, CTE, Final Exams, and Exam Exemptions**

**Currently, students enrolled in Math I, English II, Biology, and Math III must take North Carolina End-of-Course tests. Bear Grass Charter Schools expectations on EOCs are as follows:**

- All students are expected to make at least a Level III score on all EOC tests.
- It is possible to receive course credit without a Level III score, but a Level III score is the minimum expectation and goal for every student.

**Students enrolled in Career-Technical Education courses must take a CTE Post-Assessment at the end of the course. All students are expected to achieve a proficient score on the post-assessment.**

Exam scores will count as 20% of the student's grade in all courses.

Exemptions from Exams: In order to encourage excellent attendance, a student may be exempt from teacher-made exams if he/she meets the following qualifications:

**Students must have an average of 85 or higher & no more than 4 unexcused absences to be exempt from teacher-made semester exams.**

The issue of excused vs. unexcused absences is not considered in determining exam exemption. The number of absences, regardless of reason, and the academic average for the semester are the qualifying factors for exam exemption. Assigned days in ISS (in-school suspension) or OSS (out-of-school suspension) are considered as absences under the exam exemption policy. If the student meets the above qualifications and desires to take the exam, the exam may improve but not diminish the student's final grade. Tests required by the state may not be exempted; including but not limited to EOC and CTE exams.

## **WORKKEYS NATIONAL CAREER READINESS CERTIFICATE**

The WorkKeys assessment will be given free of charge to all North Carolina 12th graders who are CTE Concentrators (i.e. students who have completed at least two sequential CTE courses in a career pathway). Effective the 2012-13 school year, the WorkKeys exam is part of North Carolina's school accountability program. The WorkKeys assessment is designed to measure students' career readiness as they prepare to enter the workforce by assessing their abilities in three core areas: Applied Mathematics, Workplace Documents, and Graphic Literacy.

Students' performance in these areas is meant to demonstrate their abilities to potential employers through the use of standardized, quantitative metrics. There are four certification levels: Platinum, Gold, Silver, and Bronze. Students earning certification are issued a National Career Readiness Certificate. Parents and students can obtain more information about this certificate at:

<https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/ncrc.htm1>

## **N.C. Testing Achievement Levels**

**Level IV** - Students performing at this level have a superior command of the knowledge and skills contained in the Common Core State Standards or the North Carolina Essential Standards for the content area. They are on track to being academically prepared to engage successfully in credit-bearing, first-year college level courses without the need for remediation.



**Level III** - Students performing at this level have a solid command of the knowledge and skills contained in the Common Core State Standards or the North Carolina Essential Standards for the content area. They are on track to being academically prepared to engage successfully in credit-bearing, first-year college level courses without the need for remediation.

**Level II** - Students performing at this level typically demonstrate a partial command of the knowledge and skills contained in the Common Core Standards or the North Carolina Essential Standards for the content area. They will likely need continued academic support to become prepared to engage successfully in credit-bearing, first-year college level courses.

**Level I** - Students performing at this level typically demonstrate a limited command of the knowledge and skills contained in the Common Core Standards or the North Carolina Essential Standards for the content area. They will need continued academic support to become prepared to engage successfully in credit-bearing, first-year college level courses.

### **Early Graduation Guidelines**

Students who are considering early graduation should meet with their school counselor. Early graduates must complete all required courses and accumulate the necessary credits prior to early graduation. Students may choose to participate in graduation ceremonies in May.

### **Promotion of Students**

Students in BGCS shall be promoted from grade to grade by attaining credits that are earned through successful completion of specific courses. Promotion to the next grade level at the end of the school year is required to maintain drivers' license and athletic eligibility. Questions about academic eligibility should be directed to the school administration.

### **Promotion Standards**

The following are Bear Grass Charter Schools' requirements for placement at grade levels beyond ninth grade:

- To be promoted from Grade 9 to Grade 10: a minimum of six (6) credits
- To be promoted from Grade 10 to Grade 11: a minimum of twelve (13) credits
- To be promoted from Grade 11 to Grade 12: a minimum of eighteen (20) credits



**Note:** In order to be promoted, a unit of required English must be passed each year. With the principal's permission, students may take two units of required English to be in line for graduation.

## Quality Points

Per DPI, students entering 9th Grade for the first time in the 2015-16 school year and beyond will adhere to the following quality points standards:

- An additional 0.5 quality point will be added to Honors courses
- An additional 1.0 quality point will be added to community college transfer courses taken while in high school

For example, a student who earns an A in a community college transfer course will receive a weighted 5.0 grade for the course. A student who earns an A in an Honors course will receive a weighted 4.5 grade.

The standard scale is:

- A: 90 - 100 = 4.0
- B: 80 - 89 = 3.0
- C: 70 - 79 = 2.0
- D: 60 - 69 = 1.0
- F: < or = 59 = 0.0

## AIG Students

Academically talented students should take honors courses during their four years of high school. When feasible, students should begin taking College Promise (CCP).

## Honors Courses

An Honors Level Course is deemed Honors because it is or has:

- Independent investigation
- Intentional differentiation
- Inquiry and connections
- Depth and complexity
- Collaboration
- Increased pace

It is not:

- Additional assessments
- One size fits all
- Longer papers
- Only more work

The purpose of Honors Level Courses is to provide students with opportunities for enhanced rigor, depth, and complexity. Goals for students who participate in Honors Level Courses is to develop critical-thinking skills, take ownership for their learning, and become creative problem solvers and collaborators. Honor courses may require summer reading or project work.

## Honor Roll

Students will be placed on the Honor Roll each grading period as follows:

- Students earning all A's and B's will be placed on the Honor Roll
- Students earning all A's will be placed on the Principal's List

## Academic Honors & Achievements

Beta Club	3.5 unweighted GPA; character as demonstrated by discipline history and/or teacher recommendation
National Honor Society	3.75 weighted GPA; leadership, service and character demonstrated through activities at school and in the community, and teacher evaluations
Marshals	Top 5 GPA ranked students after junior year
Chief Marshal	Highest weighted GPA & rank in the class after 2nd semester junior grades are posted
Co-Chief Marshal	2 <sup>nd</sup> highest weighted GPA & rank in the class after 2nd semester junior grades are posted
NC Scholars	Must have completed the following: 4 math credits to include a higher level math with Math III as a prerequisite; 3 science credits to include Physics or <b>Chemistry</b> , Biology, and Earth/Environmental Science; <b>2 foreign language credits</b> in the same language; 3 higher level electives carrying 5 or 6 quality point to include AP, dual enrollment (college course), or honors courses; an overall 4-year unweighted GPA of 3.5
Valedictorian	Highest weighted GPA & rank in the class after final senior grades are posted

## Scholar Endorsement Opportunities

### North Carolina Academic Scholar Endorsement Requirements

You must complete the following courses while obtaining an overall four-year 3.5 unweighted GPA. GPAs are not rounded up.

1. The student shall complete the Future-Ready Core mathematics sequence of Math I, II, III; Algebra I, Geometry, Algebra II; or Integrated Math I, II, III and a fourth-level mathematics course that meets University of North Carolina system Minimum Course Requirements that include a mathematics course with either Math III, Algebra II, or Integrated Mathematics III as a prerequisite;
2. The student shall complete three course credits of science including an Earth/Environmental science course, Biology, and at least one physical science course that must include either physics or chemistry;
3. For students entering ninth grade in 2012-13 or later, the student shall complete four course credits of social studies;
4. The student shall complete two course credits of a world language (other than English);
5. The student shall complete four elective course credits in any one subject area, such as Career and Technical Education (CTE), Arts Education, World Languages, or in another content area;
6. The students shall have completed at least three higher-level courses during junior and/or senior years which carry quality points such as Advanced Placement, International Baccalaureate or Dual Enrollment courses; Advanced CTE and CTE credentialing courses; honors level courses, or Project Lead the Way courses; and
7. The student shall earn an unweighted grade point average of at least 3.50. GPAs are not rounded up.

### Career Endorsement

1. Except as limited by N.C.G.S. §115C-81(b), the student shall complete the Future-Ready Core mathematics sequence of Algebra I, Geometry, Algebra II, Math I, II, III, or Integrated Math I, II, III, and a fourth mathematics course aligned

with the student's post-secondary plans. Acceptable fourth math courses for the Career Endorsement include any math course that may be used to meet NC high school graduation requirements, including applied math courses found in the Career and Technical Education (CTE) domain;

2. The student shall complete a CTE concentration in one of the approved CTE Career Pathways;
3. The students shall earn an unweighted grade point average of at least 2.6. GPAs are not rounded up.
4. The student shall earn at least one industry-recognized credential. Earned credentials can include Career Readiness Certificates (CRC) at the Silver level or above from WorkKeys assessments or another appropriate industry credential/certification; and
5. The student shall earn at least the benchmark reading score established by a nationally norm-referenced college admission test. The student may retake the nationally norm-referenced test as many times as necessary to achieve the required benchmark score.

### **College Endorsement**

1. The student shall complete the Future-Ready Core mathematics sequence of Algebra I, Geometry, Algebra II, Math I, II, III, or Integrated Math I, II, III; and a fourth mathematics course aligned with the students' post-secondary plans. The fourth math course must meet University of North Carolina system Minimum Admission Requirements or be acceptable for earning placement in a credit-bearing college math class under the North Carolina Community College System's Multiple Measures Placement policy;
2. The student shall earn an unweighted grade point average of at least 2.6. GPAs are not rounded up.
3. The student shall earn at least the benchmark reading score established by a nationally norm-referenced college admission test. The student may retake the nationally norm-referenced test as many times as necessary to achieve the required benchmark score.

### **College/UNC Endorsement**

1. The student shall complete the Future-Ready Core mathematics sequence of Algebra I, Geometry, Algebra II, Math I, II, III, or Integrated Math I, II, III and a fourth mathematics course that meets the University of North Carolina system Minimum Admission Requirements that include a mathematics course with either Algebra II, Math III, or Integrated Mathematics III as a prerequisite;

2. The student shall complete three units of science including at least one physical science with a lab, one life science, and one additional science course;
3. The student shall complete U.S. History or equivalent coursework;
4. The student shall complete two units of a world language (other than English);
5. Students shall earn a weighted grade point average of at least 2.5. GPAs are not rounded up.
6. The student shall earn at least the benchmark reading score established by a nationally norm-referenced college admissions test. The student may retake the nationally norm-referenced test as many times as necessary to achieve the required benchmark score.



# Bear Grass Charter School

## GRADUATION REQUIREMENTS

<b>English</b> (4 Credits)	<b>Math</b> (4 Credits)	<b>Science</b> (3 Credits)
<input type="checkbox"/> English I <input type="checkbox"/> English II <input type="checkbox"/> English III <input type="checkbox"/> English IV	<input type="checkbox"/> Math 1 <input type="checkbox"/> Math 2 <input type="checkbox"/> Math 3 <input type="checkbox"/> Additional Math	<input type="checkbox"/> Earth/Env <input type="checkbox"/> Biology <input type="checkbox"/> Physical Science OR Chemistry
<b>Social Studies</b> (4 Credits)		<b>Health &amp; PE</b> (1 Credit) + CPR
<input type="checkbox"/> World History <input type="checkbox"/> Founding Principles of the U.S. <input type="checkbox"/> American History <input type="checkbox"/> Econ. and Personal Finance		<input type="checkbox"/> Completed <input type="checkbox"/> CPR
<b>Electives</b> (12 Credits)		
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </div> <div> <hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/> </div> </div>		
<b>Bear Grass Charter School requires all students to have 28 credits for graduation.</b>		

# ENGLISH

Language and literature are the content of an integrated English Language Arts program. The study of these areas include the structure of the English language, its social and historical perspective, and the systematic exploration of literature. Students will engage in learning activities designed to improve their critical reading, writing, speaking and listening, as well as language skills.

English I  
English I Honors  
English II  
English II Honors

English III  
English III Honors  
English IV  
English IV Honors

## Possible English Sequences

	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
Sequence A	English I	English II	English III	English IV		
Sequence B	English I Honors	English II Honors	English III Honors	English IV Honors		
Sequence C	English I Honors	English II Honors	English III Honors	ENG 111	ENG 112	ENG 241
Sequence D	English I Honors	English II Honors	ENG 111	ENG 112	ENG 231	ENG 241

Martin Community College Sequence Equivalent to English III:

- ENG 111 and
- ENG 112 and
- ENG 231 or ENG 232

Martin Community College Sequence Equivalent to English IV:

- ENG 111 and
- ENG 112 and
- ENG 241 or ENG 242



## **English I**

**Course No.: 10212X0**

**Grades: 9**

**Prerequisite: None**

### **Course Description**

The English I course provides a foundational study of literary genres that include informational and literary texts that will prepare students to be college and career ready. This course focuses on reading, writing, speaking, and listening, and language; exploring ways that audience, purpose, and context shape oral communication, written communication, and media and technology. Students should expect homework assignments that reinforce classroom instruction. *A Teacher-Made Exam will be administered at the conclusion of this course.*

## **English I Honors**

**Course No.: 10215X0**

**Grades: 9**

**Prerequisite: Level III or higher on 8th grade EOG test in Reading**

### **Course Description**

This honors course is designed to challenge students while preparing them for post-secondary educational experiences. It concentrates on developing reading, writing, and critical thinking skills through an intensive survey of literary types via appropriate oral and written responses. This course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments. Homework is a reinforcement and extension of classroom instruction. *A Teacher-Made Exam will be administered at the conclusion of this course.*

## **English II**

**Course No.: 10222X0**

**Grades: 9**

**Prerequisite: English I**

### **Course Description**

The English II course is a study of literature from around the world that includes informational and literary texts that will prepare students to be college and career ready. This class continues to build upon skills in reading, writing, speaking, and listening, and language learned in English I. Writing instruction at this level focuses on mechanical correctness, fluency, and structure. Students should expect homework assignments and/or compositions that reinforce classroom instruction. *The North Carolina English II End-of-Course Test will be administered at the conclusion of this course.*

### **English II Honors**

**Course No.: 10225X0**

**Grades: 10**

**Prerequisite: English I Honors**

#### **Course Description**

This honors course is designed to challenge students and prepare them for a postsecondary educational experience. This class builds upon reading, writing, and critical thinking skills through an intensive study of a variety of selected world literature via appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary, and usage as needed. This course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments. Homework is a reinforcement and extension of classroom instruction. *The North Carolina English II End-of-Course Test will be administered at the conclusion of this course.*

### **English III**

**Course No.: 10232X0**

**Grades: 10**

**Prerequisite: English II**

#### **Course Description**

This English III course is an in-depth study of U.S. literature and U.S. informational texts that will prepare students to be college and career ready. This third English course addresses reading, writing, speaking, and listening, and language. Writing instruction at this level focuses on mechanical correctness, fluency, and structure. The student is expected to function at grade level in communication and thinking skills. Students should expect homework assignments and/or compositions that reinforce classroom instruction. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **English III Honors**

**Course No.: 10235X0**

**Grades: 11**

**Prerequisite: Level III or higher on ENG II EOC**

#### **Course Description**

This honors course is designed to challenge students and prepare them for a postsecondary education experience. This third English course concentrates on developing reading, writing, and critical thinking skills through an intensive study of selected American literature via appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary, and usage as needed. This course focuses on the development of complex thought processes, independence in learning, and creative expression through discussion and frequent writing assignments.

Homework is a reinforcement and extension of classroom instruction. *A Teacher-Made Exam will be administered at the conclusion of this course.*

#### **English IV**

**Course No.: 10242X0**

**Grades: 12**

**Prerequisite: English III**

#### **Course Description**

The English IV course focuses on European literature and informational text that prepares students to be college and career ready. Instruction in this course addresses reading, writing, speaking and listening, and language. Writing instruction focuses on mechanical correctness, fluency, and structure. The student is expected to function at grade level in communication and thinking skills. Students should expect homework assignments and/or compositions that reinforce classroom instruction. *A Teacher-Made Exam will be administered at the conclusion of this course.*

#### **English IV Honors**

**Course No.: 10245X0**

**Grades: 12**

**Prerequisite: English III Honors**

#### **Course Description**

This honors course is designed to challenge students and prepare them for a postsecondary educational experience. This fourth English course concentrates on developing reading, writing, and critical thinking skills through an intensive study of selected European literature via appropriate oral and written responses. The course provides a review of grammar, mechanics, vocabulary, and usage as needed. Students should expect homework assignments and/or compositions that reinforce classroom instruction. *A Teacher-Made Exam will be administered at the conclusion of this course.*

#### **Yearbook I**

**Course No.: 10312X0**

**Grades: 9,10,11,12**

#### **Course Description**

Students will study the basics of yearbook production, layout, typography, photocopying, and copy writing. They will produce the yearbook by writing body and identification copy and will learn the basics of desktop publishing using a computer.

# Mathematics

The North Carolina Standard Course of Study (NCSCOS) provides a set of mathematical content and practices for each high school course to ensure rigorous student academic performance standards that are uniform across the state. To graduate meeting Future-Ready Core Requirements, all students must take and pass four (4) math courses. These courses include NC Math 1, NC Math 2, NC Math 3, PLUS a fourth mathematics course to be aligned with students' postsecondary plans. Students seeking to complete the minimum application requirements for entrance to the UNC system must successfully complete four (4) mathematics courses, which include a mathematics course with NC Math 3 as a prerequisite. Elective courses are available to prepare students as needed to meet required courses for graduation. It is highly recommended that students take at least one math course per year.

Foundations of NC Math 1

NC Math 1

NC Math 1 Honors

NC Math 2

NC Math 2 Honors

NC Math 3

NC Math 3 Honors

NC Math 4

NC Math 4 Honors

## Possible Math Sequences

	Course 1	Course 2	Course 3	Course 4	Course 5
<b>Sequence A</b>	Foundations of Math (Elective)	Math 1	Math 2	Math 3	CTE math as 4th math
<b>Sequence B</b>	Math 1/Math 1 Honors	Math 2/Math 2 Honors	Math 3/Math 3 Honors	Community College MAT 171 4th math	
<b>Sequence C</b>	Math 1/Math 1 Honors	Math 2/Math 2 Honors	Math 3/Math 3 Honors	CTE math as 4th math	

<b>MCC Math Course options</b>	<b>CTE Math Course Options</b>
MAT 143 MAT 171	Accounting Microsoft Excel Construction AND Carpentry 1 Horticulture I AND Horticulture II Landscaping

### **Foundations of NC Math 1**

**Course No.:** 20902X0

**Grades:** 9,10

**Students should take Foundations of NC Math 1 if not proficient on 8th grade EOG.**

#### **Course Description**

Foundations of Math is a beginning high school course designed to prepare students for success in Math I and beyond. Application, problem solving, and critical thinking are integrated throughout the course. The main focus will be for students to solve, graph, and apply linear relationships. The course will also extend students' knowledge of radicals, exponents, congruence and similarity, volume of 3-dimensional figures. Pythagorean Theorem, rational and irrational numbers, functions, and bivariate data. *This course provides one unit of elective credit, but does not count as one of the four math credits required to graduate meeting the future-ready core requirements.*

### **NC Math 1**

**Course No.:** 21092X0

**Grades:** 9,10

**Prerequisite:** Level III or higher on 8th grade EOC test in 8th grade Math or pass Foundations of NC Math 1

#### **Course Description**

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. This course deepens and extends understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. In addition to studying bivariate data, students also summarize, represent, and interpret data on a single count or measurement variable. The geometry standards that appear in this course formalize and extend students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. This course fulfills the North Carolina high

school graduation requirement for NC Math 1. *The final exam is the North Carolina End-of-Course Test based on the NC Math 1 Standards.*

### **NC Math 2**

**Course No.: 22092X0**

**Grades: 9,10**

**Prerequisite: NC Math 1**

#### **Course Description**

NC Math 2 continues a progression of the concepts presented 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. This course fulfills the school graduation requirement for NC Math 2. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **NC Math 2 Honors**

**Course No.: 22095X0**

**Grades: 9,10**

**Prerequisite: Level 3 or higher on Math 1 EOC**

#### **Course Description**

NC Math 2 Honors continues a progression of the concepts presented in NC Math 1 at a deeper level and brisker pace. In addition to these standards, NC Math 2 Honors includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justifying conclusions. This course contains additional concepts that will begin students' preparation for advanced math courses. This course fulfills the North Carolina high school graduation requirement for NC Math 2. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **NC Math 3**

**Course No.: 23092X0**

**Grades: 10,11**

**Prerequisite: NC Math 1 & 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. *The final exam will be the NC Math 3 EOC.*

## **NC Math 3 Honors**

**Course No.: 23095X0**

**Grades: 10,11**

**Prerequisite: NC Math 1 & 2**

### **Course Description**

NC Math 3 Honors progresses from the standards learned in NC Math 1 and NC Math 2 Honors. In addition to these standards, NC Math 3 Honors extends to include a deeper understanding of algebraic concepts such as: the complex number system, inverse functions, trigonometric functions and the unit circle. NC Math 3 Honors also includes

the geometric concepts of conics and circles. *The final exam will be the NC Math EOC.*

# **SCIENCE**

To graduate meeting Future-Ready Core Requirements, all students must take and pass three (3) science courses: Earth/Environmental, Biology, and a Physical Science. The goal of the North Carolina Essential Standards for science is to achieve scientific literacy. The National Science Education Standards define scientific literacy as “the knowledge and understanding of scientific concepts and processes required for scientific decision making, participation in civic and cultural affairs, and economic productivity.” North Carolina students can achieve scientific literacy through an instructional program based on the science component of the Essential Standards. Students will develop skills to:

- Find or determine answers to questions derived from everyday experiences.
- Describe, explain, and predict natural phenomena.
- Understand articles about science.
- Engage in non-technical conversation about the validity of conclusions.
- Identify scientific issues underlying national and local decisions.
- Pose explanations based on evidence derived from one’s own work.

Earth/Environmental Science  
Earth/Environmental Science Honors  
Physical Science  
Biology

Biology Honors  
Chemistry  
Chemistry Honors



## Possible Science Sequences

	Course 1	Course 2	Course 3	
<b>Sequence A</b>	Earth Environmental	Physical Science	Biology	
<b>Sequence B</b>	Earth Environmental Honors	Physical Science	Biology Honors	
<b>Sequence C</b>	Earth Environmental Honors	Biology Honors	Chemistry Honors	

### Earth/Environmental Science

**Course No.:** 35012X0

**Grades:** 9,10,11,12

**Prerequisite:** None

#### Course Description

The Earth/Environmental science curriculum focuses on the function of the earth's systems. Emphasis is placed on astronomy, the atmosphere, the biosphere, the lithosphere, the hydrosphere, and environmental awareness. Students are expected to participate in laboratory activities as well as group and individual learning activities. A *Teacher-Made Exam will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement for Earth Science.*

### Earth/Environmental Science Honors

**Course No.:** 35015X0

**Grades:** 9,10,11,12

**Prerequisite:** (Level IV or V on 8th Gr. Science EOG is recommended)

#### Course Description

Earth/Environmental Science Honors is a more rigorous offering of the concepts in Earth/Environmental Science. Emphasis will be placed on greater depth of the concepts in order to increase critical thinking skills. Course work will be accomplished by using a scientific approach, which stresses observation, critical thinking, and problem solving. Students are expected to participate in laboratory activities as well as group and individual learning activities. A *Teacher-Made Exam will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement for Earth Science.*

## **Physical Science**

**Course No.: 34102X0**

**Grades: 9,10,11,12**

**Prerequisite: None**

### **Course Description**

This course is designed as an entry-level course. The concepts of physics and chemistry are taught using both laboratory approaches and inquiry teaching. Students use their mathematical skills in the application of science. The curriculum provides students with a course in scientific inquiry, forces and motion, matter: properties and change, and energy: conservation and transfer. *A Teacher-Made Exam will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement in physical science.*

## **Biology**

**Course No.: 33202X0**

**Grades: 9, 10, 11,12**

### **Course Description**

Biology provides students a course in scientific inquiry, structure and function of living organisms, ecosystems, evolution and genetics, and molecular biology. *The Biology End-of-Course Test will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement for Biology.*

## **Biology Honors**

**Course No.: 33205X0**

**Grades: 10,11,12**

### **Course Description**

Biology Honors is a more rigorous offering of the concepts in Biology. Emphasis will be placed on greater depth of the concepts in order to increase critical thinking skills. *The Biology End-of-Course Test will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement for Biology.*

## **Chemistry**

**Course No.: 34202X0**

**Grades: 11,12**

**Prerequisite: Biology, NC Math 3**

### **Course Description**

Chemistry provides students a course focusing on scientific inquiry, structure and properties of matter, regularities in chemistry, energy changes in chemistry, and

chemical reactions. Students will participate in laboratory experiences. A *Teacher-Made Exam* will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement in physical science.

### **Chemistry Honors**

**Course No.: 34205X0**

**Grade: 11,12**

**Prerequisite: Biology, NC Math 3**

#### **Course Description**

Chemistry Honors is a more rigorous course offering of the concepts from the Chemistry curriculum. Primary focus will be on mathematical computation and higher level cognitive reasoning as it relates to chemical principles. Students should have a strong reading and mathematical background, evidenced by academic achievement. A strong emphasis will be placed on the laboratory experience. A *Teacher-Made Exam* will be administered at the conclusion of this course. Successful completion of this course will satisfy the state requirement in physical science.

## **Social Studies**

Social studies is the integrated study of the social sciences and humanities to promote effective citizenry. Within the K-12 program, social studies courses provide coordinated, systematic study drawing upon such disciplines as economics, history, geography, anthropology, archeology, law, philosophy, political science, religion, and sociology, as well as appropriate content from the humanities, mathematics, and the natural sciences.

World History

World History Honors

Civic Literacy

Civic Literacy Honors

American History

American History Honors

Economics and Personal Finance

Economics and Personal Finance Honors

### **MCC Course Sequence Equivalent to American History**

HIS 131 AND HIS 132

### **World History**

**Course No.: 43032X0**

**Grades: 9**

**Prerequisite: None**

### **Course Description**

This course will address six periods in the study of world history, with a key focus from the mid-15th century to the present. Students will study major turning points that shaped the world in order to develop understandings of current world issues and relate them to their historical, political, economic, geographic and cultural contexts. Students will broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by concepts such as civilization, revolution, government, economics, war, stability, movement, and technology. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **World History Honors**

**Course No.: 43035X0**

**Grades: 9**

### **Course Description**

This honors course is designed to challenge students. This course will address six periods in the study of world history, with a key focus of study from the mid 15th century to the present. Students will study major turning points that shaped the modern world. The desired outcome of this course is that students develop understandings of current world issues and relate them to their historical, political, economic, geographical, and cultural contexts. Students will broaden their historical perspectives as they explore ways societies have dealt with continuity and change, exemplified by concepts such as civilization, revolution, government, economics, war, stability, movement, and technology. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **Civic Literacy**

**Course No.: 42092X0**

**Grades: 10,11,12**

**Prerequisite: World History**

### **Course Description**

This course will allow students to examine the ways in which power and responsibility are both shared and limited by the U.S. Constitution and how the judicial, legal, and political systems of North Carolina and the United States embody the founding principles of government. Students in this course will analyze and evaluate the extent to which the American system of government guarantees, protects, and upholds the rights of citizens. Through the integration of inquiry-based learning, students will also investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and

take action to effect change and inform others. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **Civic Literacy Honors**

**Course No.: 42095X0**

**Grades: 10,11,12**

**Prerequisite: World History**

#### **Course Description**

Civic Literacy is the study and understanding of citizenship and government. This 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. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **American History**

**Course No.: 43112X0**

**Grades: 9,10,11, 12**

#### **Course Description**

This course will begin with the end of the French and Indian War (1763) and end through the latest Presidential Election (i.e. 2024, etc.). While the scope begins with the French and Indian War, concepts and topics prior to the French and Indian War will be used to establish context. This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. *A Teacher-Made Exam will be administered at the conclusion of this course.*

## **American History Honors**

**Course No.: 43115X0**

**Grades: 9,10,11, 12**

### **Course Description**

This honors course is designed to challenge students. American History Honors will provide students the opportunity to engage in intensive application of the skills, concepts, processes, and knowledge gained in previous social studies courses and prepare them to be college, career, and civic ready. Students will explore the content through the following lenses: inquiry; behavioral sciences; civics and government; economics; geography; and history. The American History course will begin with the end of the French and Indian War (1763) and end through the latest Presidential Election (i.e. 2024, etc.). As well-rounded, productive citizens, students leave the American History course with both the knowledge and the skills to engage with the modern world by recognizing contemporary patterns and connections. *A Teacher-Made Exam will be administered at the conclusion of this course.*

## **Economics and Personal Finance**

**Course No.: 43192X0**

**Grades: 9,10,11, 12**

**Prerequisite: None**

### **Course Description**

This course is intended to be a study of economics, personal finance, income and education, money management, critical consumerism, and financial planning. Mastery of the standards and objectives of this course will inform and nurture responsible , participatory citizens who are competent and committed to responsible money management and financial literacy. *A Teacher-Made Exam will be administered at the conclusion of this course.*

## **Economics and Personal Finance Honors**

**Course No.: 43195X0**

**Grades: 12**

**Prerequisite: None**

# World Language

## Spanish I

**Course No.:** 11412X0

**Grades:** 9, 10,11,12

**Prerequisite:** None

### Course Description

This course stresses the four language skills - listening, speaking, reading, and writing. Students study vocabulary, grammar, and sentence structure. Cultural, geography, and historical material is integrated into the course goals of communicating in Spanish and to increase student understanding of a culture other than their own. *A Teacher-Made Exam will be administered at the conclusion of this course.*

## Spanish II

**Course No.:** 11422X0

**Grades:** 9,10,11,12

**Prerequisite:** Spanish I

### Course Description

Students continue the development of their listening, speaking, reading, and writing skills as they study past, present, and future time. The integration of culture, geography, vocabulary, and grammar for the purpose of communicating in Spanish are studied in greater depth. *A Teacher-Made Exam will be administered at the conclusion of this course.*

# HEALTH AND PE

## Health and Physical Education

**Course No.:** 60492X0

**Grades:** 9

**Prerequisite:** None

### Course Description

Health and Physical Education is a required course designed to develop physically, mentally, socially, and emotionally healthy citizens. In Health, a wide variety of information is given to increase the students' knowledge in areas of protecting self and others, substance abuse, stress management, relationships, nutrition, and skills such as communicating and problem solving. In Physical Education, students have the opportunity to participate in team and individual sports, as well as leadership



opportunities. Physical fitness is emphasized. One unit of Health and Physical Education is required for graduation. *A Teacher-Made Exam will be administered at the conclusion of this course.*

### **Weight Training I, II, III, IV**

**Course No.:** 60292X0CW1,60292X0CW2,60292X0CW3,60292X0CW4

**Grades:** 9,10,11,12

**Prerequisite:** Health and PE

#### **Course Description**

This course is designed to promote the components of a healthy body - muscular strength, muscular endurance, cardio-respiratory endurance, and flexibility. Students will be asked to lift weights and perform various fitness exercises and programs that will enhance the overall well-being of the student.

### **Advanced Physical Education I, II, III, IV**

**Course No.:** 60292X0CA1,60292X0CA2,60292X0CA3,60292X0CA4

**Grades:** 10,11,12

**Prerequisite:** Health and PE

#### **Course Description**

This course is designed to promote the components of a healthy body - muscular strength, muscular endurance, cardio-respiratory endurance, and flexibility. Students will be asked to lift weights and perform various fitness exercises and programs that will enhance the overall well-being of the student/athlete.

### **Lifetime Sports**

**Course No.:** 60292X0CLS

**Grades:** 9,10, 11,12

**Prerequisite:** Health and PE

#### **Course Description**

Emphasis is placed on sports and activities in which one may participate for recreation and fitness throughout life. Units taught in this class include archery, horseshoes, badminton, ping pong, bowling, pocket pool, golf, checkers, and tennis

## **FINE ARTS**

There are some fine arts education courses that may have honors versions. Since honors courses were designed as comprehensive courses which embrace diverse knowledge and skills, they should be built upon introductory courses. Therefore, only

the Level III and IV courses of band, vocal music, and visual arts will be considered as honors level courses.

## **Band**

### **Band I Beginning**

**Course No.: 52552X0**

**Grades: 9,10,11,12**

**Prerequisite: Middle School Band**

### **Band II Intermediate**

**Course No.: 52562X0**

**Grades: 10,11,12**

**Prerequisite: Band I**

### **Band III Proficient (Honors)**

**Course No.: 52575X0**

**Grades: 11,12**

**Prerequisite: Band II**

### **Band IV Advanced (Honors)**

**Course No.: 52585X0**

**Grades: 12**

**Prerequisite: Band III**

#### **Course Description**

Content of these courses includes developing the skills of performances to the highest possible level, including the following skill levels and knowledge: understanding rhythms found in literature; understanding intervals, musical terms, and elementary harmonic principles; reading music examples at sight, and understanding terms found in literature studies. Each year, more complex skills are taught. There will be after-school Rehearsals and performances that are mandatory, including marching.

## **VISUAL ART**

### **Visual Art I - Beginning**

**Course No.: 54152X0**

**Grades: 9,10,11,12**

**Prerequisite: None**

#### **Course Description**

This course acquaints the student with basic materials and techniques in art. It includes instruction in drawing, painting, three-dimensional art, and art history. The drawing phase will emphasize personal expression of visual perception through the use of pencils, charcoal, ink, felt pen, crayons, etc. The painting phase will involve paint media such as tempera, watercolor, acrylic, and inks, and their use on materials to produce imagery on a two-dimensional plane. Three-dimensional art will involve clay, paper mache, etc. to produce pottery and sculpted forms. Written tests, reports, etc. are a part of this course of study.

### **Visual Art II - Intermediate**

**Course No.: 54162X0**

**Grades: 10,11,12**

**Prerequisite: Visual Art I**

#### **Course Description**

Much of the instruction in this course will be a continuation of Visual Art I topics. Students will spend more time on design and three-dimensional project exploration. More independent work will be done by students, and they will be urged to follow-up their creative ideas. The quality aspect of projects and work will receive more emphasis. The student should understand that written tests, reports, etc. are a part of this course of study.

## **CAREER AND TECHNICAL EDUCATION**

### **Career & Technical Education Course Offerings**

#### **Animal Science I**

**Course No.: AA212X0**

**Grades: 9,10,11,12**

**Prerequisite: None**

**Career Technical Student Organization: FFA**

**Aligned Industry Credential: Youth for the Quality Care of Animals (YQCA) Certification**

#### **Course Description**

This course explores the impact animal physiology has on animal nutrition and health. Animals will be identified using physical traits and characteristics. Best management practices to select healthy animals will be implemented. This course will build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Students will gain the knowledge and skills for careers in the Animal Science pathway.

### **Animal Science II -Companion Animal Honors**

**Course No.: AA235X0**

**Grades: 10,11,12**

**Prerequisite: Animal Science I**

**Career Technical Student Organization: FFA**

**Aligned Industry Credential: TBA**

#### **Course Description**

This course integrates safe handling practices to groom and care for companion animals and identifies companion animals using physical traits and characteristics. Students will illustrate knowledge of nutritional and digestive needs through experiential activities. A foundation of veterinary medical terminology and procedures will be established. Leadership and employability skills will be built through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Students will gain the knowledge and skills for careers in the Animal Science pathway.

### **Animal Science II - Food Animal Honors**

**Course No.: AA225X0**

**Grades: 10,11,12**

**Prerequisite: Animal Science I**

**Career Technical Student Organization: FFA**

**Aligned Industry Credential: National Beef Quality Assurance Cow/Calf Certification NC Beef Quality Assurance**

#### **Course Description**

This course expands the knowledge of animal anatomy and physiology and utilizes genetics to improve animal performance. Nutrition plans are formulated to produce food animals and design facilities to manage animal production systems. Students will develop an understanding of veterinary terminology and practices. Students will build leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation. Students will gain the knowledge and skills for careers in the Animal Science pathway.

### **Veterinary Assisting Honors**

**Course No.: AA415X0**

**Grades: 11,12**

**Prerequisite: Animal Science II - Food Animal OR**

**Animal Science II - Companion Animal**

**Career Technical Student Organization: FFA**

**Aligned Industry Credential: Certified Veterinary Assistant - Elanco Veterinary Medical Applications Certification**

### **Course Description**

This course will develop the skills, techniques, and knowledge to earn a veterinary assistant credential. Students will perform proper veterinary practice management and client relations through hands-on skills. Students will formulate veterinary medical dosages using appropriate medical terminology. Students will establish animal handling skills in practicum settings and establish surgical and radiological procedures through skill-based scenarios. Leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation will be built. Students will gain the knowledge and skills for careers in the Animal Science pathway.

### **Horticulture I Intro to Plants**

**Course No.: AP412X0**

**Grades: 9,10,11,12**

**Prerequisite: None**

**Career Technical Student Organization: FFA**

**Aligned Industry Credential: TBA**

### **Course Description**

This course will grow students' knowledge of plant biology and environmental conditions plants need to thrive. Plant identification skills will be cultivated and experiments with propagation and production practices will be done. Leadership and employability skills through authentic experiences from Supervised Agricultural Experience (SAE), classroom instruction, and FFA participation will be built. Students gain the knowledge and skills for careers in the Plant Systems pathway.

### **Horticulture II Plant Production Honors**

**Course No.: AP425X0**

**Grades: 10,11,12**

**Prerequisite: AP41 Horticulture I Intro to Plants**

**Career Technical Student Organization: FFA**

**Aligned Industry Credential: TBA**

### **Course Description**

This course will cultivate skills related to greenhouse, nursery, floral, and edible plant production, and maintenance practices. Students will experience the requirements to grow and maintain healthy plants and floral products through work-based learning opportunities. Leadership development and employability skills will be built through authentic experiences from Supervised Agricultural Experience (SAE), classroom instructions, and FFA participation. Students will gain the knowledge and skills for careers in the Plant System pathway.

### **Microsoft Excel Honors**

**Course No.: BM205X0**

**Grades: 9,10,11,12**

**Prerequisite: None**

**Career Technical Student Organization: SkillsUSA**

**Aligned Industry Credential: Microsoft Office Specialist Excel**

#### **Course Description**

Spreadsheets in Microsoft Excel using fundamentals, formulas, and functions will be developed. Students will illustrate data with tables and graphs. The course will teach students to manage workbooks, manipulate data and use simple macros. Knowledge and skills for careers in the Computer Science, IT, and Technology pathways will be gained. **This course meets the 4th Math Requirement for Graduation, but not for the UNC System.**

### **Food and Culinary**

**Grades: 9,10,11,12**

**Prerequisite: None; FC11 Principles of Family and Human Services - Recommended**

#### **Course Description**

This course formulates an understanding of nutrition for a healthy lifestyle by preparing foods in each food group. Students will develop kitchen skills that promote proper food handling practice. Students will plan and execute meal management. The knowledge and skills for careers in food and nutrition will be gained.

### **Drone Technology 1**

**Course No.: ID11**

**Grades: 10, 11, 12**

#### **Course Description**

This course is about understanding the history of drones and being able to apply procedures to trouble Drone hardware. Students will be able to apply procedures needed for basic Drone Flight operations and have the opportunity to receive their NCDOT UAS Operator Permit.

### **Engineering and Technical Foundations 1A**

**Course No: CL48**

**Grades: 9,10,11,12**

#### **Course Description**

This course is about exploring the fundamentals of Engineering by defining and exploring the breadth of Engineering history, demonstrating the importance of teamwork, and understanding the Engineering Design Process.







