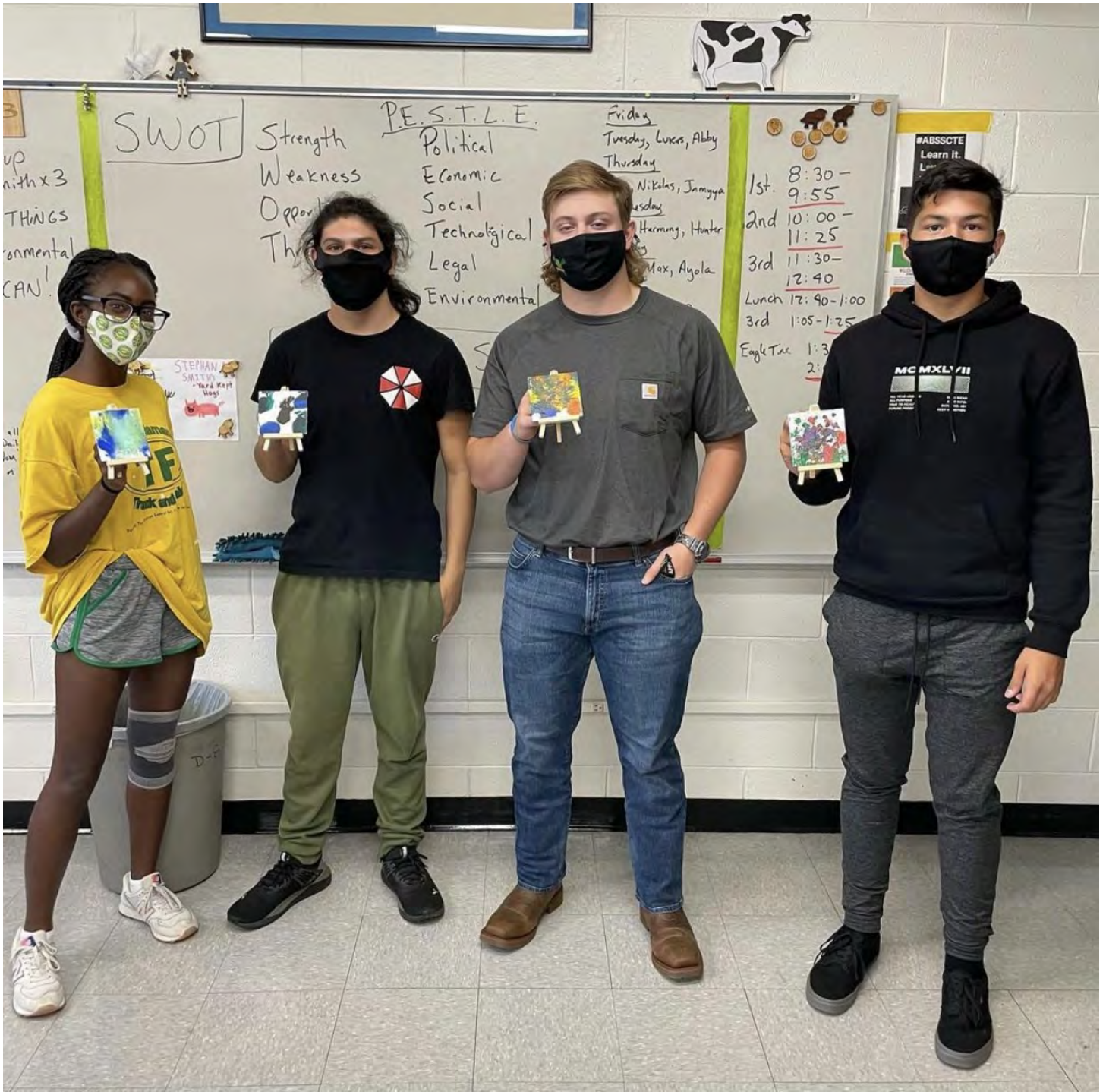




**DESTINATION:  
SUCCESS**

**EMPLOYED  
ENLISTED  
ENROLLED**





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## Photo Credits:

ABSS Early College @ ACC

Suzanne Simpson, Principal

Career & Technical Education Center

Brodie Taylor, Sponsor

Eastern HS

April Morton, Sponsor

Graham HS

Bear Bryant, Principal

Ray Street Academy

Michael Bayless, Principal

Southern HS

Lynn Bare, Sponsor

Western HS

Matt Haley, Principal

Williams HS

Erica Seeuwen, Sponsor



# NAVIGATING THE REGISTRATION PROCESS

**Register this spring for an exciting and challenging 2022-2023 school year!**

Each year, the registration process is started in the early spring, with an expectation to have all students registered for the following year by the end of March. This registration book contains information that will help you and your parent/guardian make an informed decision in selecting the courses and course load that is appropriate for you.

The 2022-23 Registration Manual includes the following information about each course: the course name and number, course description, units of credit and prerequisites. Also included in this book is information about each school, each program, graduation requirements, and other relevant information that will be useful throughout high school. It is important for you and your parent/guardian to read through this registration book in its entirety. The choices you make in high school can and will affect your future. A conversation with your parent/guardian, school counselor and teachers will help you make a sound and hopefully easier decision as to which courses best fit your plans, as well as help you graduate and be prepared for a successful future.

When you register for a course, you are committing to take and complete that course. The registration process helps in assigning you to a course, not a teacher. The courses you select will be final, pending few exceptions: 1) Your final grade for the courses in which you are currently enrolled. 2) Enough students registered for the class to be offered. Every effort will be made to offer the courses you have selected.





## Register for 2022-2023 Classes in PowerSchool

### Steps:

1. Read and review the general information included in this registration book.
2. Visit the pages that summarize the offerings at each high school, graduation requirements, and other information that can help in selecting courses.
3. Visit the course offerings and compare each course of study offering with the graduation requirements and suggestions of a career or college program for which you have interest in participating. Make sure you have met the prerequisites for any course you are considering.
4. Ask for input from your teachers and parent/guardian on classes they suggest you take.
5. Log in to the **PowerSchool Student Portal**
6. On the main menu, click **Class Registration**
7. To select courses from a subject area, click the **pencil icon**



8. Click the box to enter a **check** by the courses you want to request



9. Click **Okay** to submit your request for the current subject area
  - The subject area window closes
  - A green checkmark appears in the subject area when requirements are met
  - A red exclamation mark appears if course requirements are not satisfied
10. **Repeat Step 2 through Step 5** for each course request
11. When finished, review the message below subject areas to verify all requirements have been met and click **Submit**
12. The **2022-2023** Course Requests page appears
13. Save for your **records**
14. Meet with your counselor to review and complete registration for your 2022-2023 classes

## State and Local Course Requirements for Students Entering High School in 2020-21

Content Area	Future Ready Core	Occupational Course of Study (OCS)
<b>English</b>	4 Credits <ul style="list-style-type: none"> <li>● English I</li> <li>● English II</li> <li>● English II</li> <li>● English IV</li> </ul>	4 Credits <ul style="list-style-type: none"> <li>● English I</li> <li>● English II</li> <li>● English III</li> <li>● English IV</li> </ul>
<b>Math</b>	4 Credits <ul style="list-style-type: none"> <li>● NC Math 1</li> <li>● NC Math 2</li> <li>● NC Math 3</li> <li>● A fourth Math aligned with the student’s post high school plans</li> </ul>	3 Credits <ul style="list-style-type: none"> <li>● Introduction to Mathematics</li> <li>● NC Math I</li> <li>● Financial Management</li> </ul>
<b>Science</b>	3 Credits <ul style="list-style-type: none"> <li>● Earth/Environmental</li> <li>● A Physical Science</li> <li>● Biology</li> </ul>	2 Credits <ul style="list-style-type: none"> <li>● Applied Science</li> <li>● Biology</li> </ul>
<b>Social Studies</b>	4 Credits <ul style="list-style-type: none"> <li>● World History: Global Issues and Patterns Since 1200</li> <li>● Founding Principles of the USA and NC: Civic Literacy</li> <li>● American History</li> <li>● Economics and Personal Finance</li> </ul> <p style="margin-left: 20px;">*Pending board approval</p>	2 Credits <p><b>Ninth Graders Entering 2017 and Beyond:</b></p> <ul style="list-style-type: none"> <li>● American History: The Founding Principles, Civics and Economics</li> <li>● American History I: Founding Principles <b>or</b> American History II</li> </ul> <p><b>Ninth Graders Entering Prior to 2017:</b></p> <ul style="list-style-type: none"> <li>● American History I: Founding Principles</li> <li>● American History II</li> </ul>
<b>World Languages</b>	Not required for graduation but 2 levels required for admission to the UNC Systems and most other 4-year colleges/universities	Not Required
<b>Health &amp; PE</b>	1 Credit <ul style="list-style-type: none"> <li>● Health/Physical Education I</li> </ul>	1 Credit <ul style="list-style-type: none"> <li>● Health/Physical Education I</li> </ul>
<b>CPR</b>	Successful completion of CPR for students	
<b>Electives or Other Requirements</b>	6 Credits <p><b>2 elective credits of any combination from either:</b></p> <ul style="list-style-type: none"> <li>● Career and Technical Education (CTE)</li> <li>● Arts Education</li> <li>● World Languages</li> </ul> <p><b>4 elective credits strongly recommended (four course concentration) from one of the following:</b></p> <ul style="list-style-type: none"> <li>● Career &amp; Technical Education (CTE)</li> <li>● JROTC</li> <li>● Arts Education (ex: dance, music, theater arts, visual arts)</li> <li>● Any other subject area (ex: Social Studies, Science, Math, English, World Languages)</li> </ul>	6 Credits <ul style="list-style-type: none"> <li>● Occupational Prep I</li> <li>● Occupational Prep II</li> <li>● Occupational Prep III</li> <li>● Occupational Prep IV</li> <li>● Completion of IEP objectives</li> <li>● Career Portfolio required</li> <li>● Completion of Work Hours                                     <ul style="list-style-type: none"> <li>⇒ 150 school based</li> <li>⇒ 225 community</li> <li>⇒ 225 competitive</li> </ul> </li> </ul>
<b>Career/Technology</b>		4 Credits
<b>Arts Education</b>	DPI recommends at least one credit in an arts discipline, but is not required to meet graduation standards	
<b>Additional Local Credits</b>	6 Credits Students can elect these from any category, but we strongly encourage being a pathway completer or taking courses that lead to certification of college credits	
<b>Total Minimum Credits Required</b>	<b>28 Credits</b>	<b>28 Credits</b>

**State and Local Course Requirements for Students Entering High School in 2017-18 through 2019-20**

<b>Content Area</b>	<b>Future Ready Core</b>	<b>Occupational Course of Study (OCS)</b>
<b>English</b>	4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English II</li> <li>English IV</li> </ul>	4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>
<b>Math</b>	4 Credits <ul style="list-style-type: none"> <li>NC Math 1</li> <li>NC Math 2</li> <li>NC Math 3</li> <li>A fourth Math aligned with the student's post high school plans</li> </ul>	3 Credits <ul style="list-style-type: none"> <li>Introduction to Mathematics</li> <li>NC Math I</li> <li>Financial Management</li> </ul>
<b>Science</b>	3 Credits <ul style="list-style-type: none"> <li>Earth/Environmental</li> <li>A Physical Science</li> <li>Biology</li> </ul>	2 Credits <ul style="list-style-type: none"> <li>Applied Science</li> <li>Biology</li> </ul>
<b>Social Studies</b>	4 Credits <ul style="list-style-type: none"> <li>World History</li> <li>American History: The Founding Principles, Civics and Economics</li> <li>American History I</li> <li>American History II</li> </ul> <p>*Students who take AP US History or IB History of the America's in lieu of American History I and II must also take an additional Social Studies course to meet the four requirements.</p>	2 Credits <p><b>Ninth Graders Entering 2017 and Beyond:</b></p> <ul style="list-style-type: none"> <li>American History: The Founding Principles, Civics and Economics</li> <li>American History I: Founding Principles <b>or</b> American History II</li> </ul> <p><b>Ninth Graders Entering Prior to 2017:</b></p> <ul style="list-style-type: none"> <li>American History I: Founding Principles</li> <li>American History II</li> </ul>
<b>World Languages</b>	Not required for graduation but 2 levels required for admission to the UNC Systems and most other 4-year colleges/universities	Not Required
<b>Health &amp; PE</b>	1 Credit <ul style="list-style-type: none"> <li>Health/Physical Education I</li> </ul>	1 Credit <ul style="list-style-type: none"> <li>Health/Physical Education I</li> </ul>
<b>CPR</b>	Successful completion of CPR for students	
<b>Electives or Other Requirements</b>	6 Credits <p><b>2 elective credits of any combination from either:</b></p> <ul style="list-style-type: none"> <li>Career and Technical Education (CTE)</li> <li>Arts Education</li> <li>World Languages</li> </ul> <p><b>4 elective credits strongly recommended (four course concentration) from one of the following:</b></p> <ul style="list-style-type: none"> <li>Career &amp; Technical Education (CTE)</li> <li>JROTC</li> <li>Arts Education (ex: dance, music, theater arts, visual arts)</li> <li>Any other subject area (ex: Social Studies, Science, Math, English, World Languages)</li> </ul>	6 Credits <ul style="list-style-type: none"> <li>Occupational Prep I</li> <li>Occupational Prep II</li> <li>Occupational Prep III</li> <li>Occupational Prep IV</li> <li>Completion of IEP objectives</li> <li>Career Portfolio required</li> <li>Completion of Work Hours                             <ul style="list-style-type: none"> <li>⇒ 150 school based</li> <li>⇒ 225 community</li> <li>⇒ 225 competitive</li> </ul> </li> </ul>
<b>Career/Technology</b>		4 Credits
<b>Arts Education</b>	DPI recommends at least one credit in an arts discipline, but is not required to meet graduation standards	
<b>Additional Local Credits</b>	6 Credits Students can elect these from any category, but we strongly encourage being a pathway completer or taking courses that lead to certification of college credits	
<b>Total Minimum Credits Required</b>	<b>28 Credits</b>	<b>28 Credits</b>



## What's Your Interest?

Career and Technical Education (CTE) helps prepare students to succeed in high-demand, high-wage jobs. To become career and college ready, all students need 21st century technical skills, as well as a strong understanding of English and Math. CTE programs bridge the gap between school and career. In Alamance-Burlington Schools, we offer courses aligned to the National Career Clusters. Students in our CTE programs can earn credentials, AP credits, and college credits through our partnership with Alamance Community College. Each high school has a Career Development Coordinator (CDC). Make sure you reach out to learn more about CTE in our district.

Participating in CTE courses leads to:

- A head start on a college degree or scholarship eligibility by earning credits or certificates in high school
- High skill, high wage, and high demand occupations
- Skills that provide an earning advantage both during and after high school through nationally recognized certifications
- Hands-on work-based learning with the business community
- Membership in Career & Technical Student Organizations which provides opportunities to showcase skills and knowledge of career related content

Whether a student plans to directly enter the workforce, enlist in the military, or attend community college or 4-year university, CTE gives them a head start. Skills and knowledge acquired in a CTE class may make students eligible for scholarships or allow them to be better prepared for the transition after high school.

**Below you will find information regarding the ABSS Career Clusters and Pathways, followed by the CTE courses offered in high school.** See your high school Career Development Coordinator (CDC) for additional assistance regarding CTE courses and pathways. More career related information may also be found at [www.nccareers.org](http://www.nccareers.org) or the ABSS CTE Department Webpage at [www.abss.k12.nc.us/Domain/1579](http://www.abss.k12.nc.us/Domain/1579).



AGRICULTURE, FOOD & NATURAL RESOURCES		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Working with animals?</li> <li>◇ Learning how things grow and stay alive?</li> <li>◇ Protecting the environment and being outdoors in all types of weather?</li> <li>◇ Operating machines and keeping them in good repair?</li> <li>◇ Nutrition or food production?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Animal Science Career Pathway (ANSC)</li> <li>◇ Food Products &amp; Processing Systems Career Pathway (FPPR)</li> <li>◇ Plant Systems Career Pathway (PLSV)</li> <li>◇ Power, Structural &amp; Technical Systems Career Pathway (PSTE)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Pesticide Handler</li> <li>◇ Farm Equipment Mechanic</li> <li>◇ Greenhouse Farmworker</li> <li>◇ Food Service</li> <li>◇ Floral Designer</li> </ul>	<ul style="list-style-type: none"> <li>◇ Veterinary Technician</li> <li>◇ Food Science Technician</li> <li>◇ Forest Conservation Technician</li> </ul>	<ul style="list-style-type: none"> <li>◇ Zoologist or Wildlife Biologist</li> <li>◇ Natural Sciences Manager</li> <li>◇ Environmental Engineer</li> <li>◇ Veterinarian</li> </ul>

ARCHITECTURE & CONSTRUCTION		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Reading and following blueprints or instructions?</li> <li>◇ Working with your hands?</li> <li>◇ Solving technical problems?</li> <li>◇ Performing work that requires precise results?</li> <li>◇ Working with small tools and equipment?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Carpentry Career Pathway (CARP)</li> <li>◇ Drafting Architectural Career Pathway (DRFA)</li> <li>◇ Electrical Trades Career Pathway (ELTR)</li> <li>◇ Interior Design Career Pathway (INDE)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Construction Laborer</li> <li>◇ Carpenter</li> <li>◇ Electrical Power Line Worker</li> </ul>	<ul style="list-style-type: none"> <li>◇ Architectural Drafter</li> <li>◇ Civil Engineering Technician</li> </ul>	<ul style="list-style-type: none"> <li>◇ Construction Manager</li> <li>◇ Cost Estimator</li> <li>◇ Civil Engineer</li> <li>◇ Interior Designer</li> <li>◇ Architect</li> </ul>



ARTS, A/V TECHNOLOGY, & COMMUNICATION		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Using video and recording equipment?</li> <li>◇ Designing brochures and posters?</li> <li>◇ Creative or artistic activities?</li> <li>◇ Designing webpages?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Digital Design and Animation Career Pathway (DIDE)</li> <li>◇ Game Art Design Career Pathway (GAAR)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Photographer</li> <li>◇ Print Binder and Finishing Worker</li> </ul>	<ul style="list-style-type: none"> <li>◇ Audio and Video Equipment Tech</li> <li>◇ Film and Video Editor</li> <li>◇ Web Designer</li> </ul>	<ul style="list-style-type: none"> <li>◇ Graphic Designer</li> <li>◇ Editor</li> <li>◇ Commercial or Industrial Designer</li> <li>◇ Animator</li> </ul>

BUSINESS MANAGEMENT & ADMINISTRATION		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Starting our own business</li> <li>◇ Being a leader in a group?</li> <li>◇ Making business contacts with people?</li> <li>◇ Planning and organizing activities?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Entrepreneurship Career Pathway (ENTRE)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Customer Service Representative</li> <li>◇ Receptionist</li> <li>◇ Administrative Assistant</li> <li>◇ Small Business Owner</li> </ul>	<ul style="list-style-type: none"> <li>◇ Human Resources Assistant</li> <li>◇ New Accounts Clerk</li> <li>◇ Small Business Owner</li> </ul>	<ul style="list-style-type: none"> <li>◇ Human Resources Specialist</li> <li>◇ Purchasing Manager</li> <li>◇ Small Business Owner</li> </ul>

**Learn it. Love it. Live it.**

FINANCE		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Working with money?</li> <li>◇ Helping people plan for their financial future?</li> <li>◇ Analyzing and interpreting financial information?</li> <li>◇ Working with numbers and detailed information?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Accounting Career Pathway (ACCT)</li> <li>◇ Financial Securities and Investments Career Pathway (FSIN)</li> <li>◇ National Academy Foundation Career Pathway (NAFF)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Insurance Sales Agent</li> <li>◇ Claims Adjuster</li> <li>◇ Accounts Payable Clerk</li> <li>◇ Bank Teller</li> </ul>	<ul style="list-style-type: none"> <li>◇ Tax Preparer</li> <li>◇ Loan Clerk</li> <li>◇ Bookkeeping, Accounting, and Auditing Clerk</li> </ul>	<ul style="list-style-type: none"> <li>◇ Accountant</li> <li>◇ Auditor</li> <li>◇ Financial Manager</li> <li>◇ Budget Analyst</li> <li>◇ Loan Officer</li> </ul>

HEALTH SCIENCE		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Helping sick people?</li> <li>◇ Working as a member of a team?</li> <li>◇ Math and Science?</li> <li>◇ Working in a medical facility?</li> <li>◇ How the body works?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Biomedical Technology Career Pathway (BTCP)</li> <li>◇ Healthcare Professional Career Pathway (HPCP)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Medical Secretary</li> <li>◇ Medical Equipment Preparer</li> <li>◇ Physical Therapy Aide</li> </ul>	<ul style="list-style-type: none"> <li>◇ CNA or CMA</li> <li>◇ Home Health Aide</li> <li>◇ Physical Therapy Assistant</li> <li>◇ Dental Hygienist</li> <li>◇ Laboratory Technician</li> </ul>	<ul style="list-style-type: none"> <li>◇ Athletic Trainer</li> <li>◇ Registered Nurse</li> <li>◇ Doctor</li> <li>◇ Physical Therapist</li> <li>◇ Dentist</li> </ul>

HOSPITALITY & TOURISM		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Helping others enjoy their leisure time?</li> <li>◇ Working in a hotel or restaurant?</li> <li>◇ Working with diverse people and different cultures?</li> <li>◇ Having a varied and flexible work schedule?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Culinary Arts Applications Career Pathway (CULN)</li> <li>◇ Sports &amp; Entertainment Marketing Career Pathway (SEMK)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Food Service Manager</li> <li>◇ Food Server</li> <li>◇ Food Prep Supervisor</li> <li>◇ Custodial Staff</li> <li>◇ Hotel Front Desk</li> </ul>	<ul style="list-style-type: none"> <li>◇ Chef or Head Cook</li> <li>◇ Travel Agent</li> </ul>	<ul style="list-style-type: none"> <li>◇ Event Planner</li> <li>◇ Parks and Rec Director</li> <li>◇ Sports Marketing Manager</li> </ul>

HUMAN SERVICES		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Working with people from preschool age to elderly?</li> <li>◇ Helping families solve problems?</li> <li>◇ Improving the quality and safety of food?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Early Childhood Development &amp; Services Career Pathway (EACH)</li> <li>◇ Food &amp; Nutrition Career Pathway (FONU)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Social and Human Services Assistant</li> <li>◇ Community Health Worker</li> <li>◇ Food Industry Worker</li> </ul>	<ul style="list-style-type: none"> <li>◇ Childcare Worker</li> <li>◇ Barber</li> <li>◇ Hairdresser</li> </ul>	<ul style="list-style-type: none"> <li>◇ Social Worker</li> <li>◇ Nutritionist</li> <li>◇ Preschool Teacher</li> <li>◇ Elementary Teacher</li> <li>◇ Mental Health Counselor</li> </ul>

**Learn it. Love it. Live it.**

INFORMATION TECHNOLOGY		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Working with computers, software, hardware, multimedia or network systems?</li> <li>◇ Reading technical materials and diagrams to solve technical problems?</li> <li>◇ Testing or programming computer or video games?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Computer Engineering Career Pathway (COEN)</li> <li>◇ Computer Science Principles Career Pathway (CSPR)</li> <li>◇ Python Programming Career Pathway (PYPR)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Computer Support Specialist</li> </ul>	<ul style="list-style-type: none"> <li>◇ Web Developer</li> <li>◇ Network Support Specialist</li> <li>◇ Computer Repair Technician</li> </ul>	<ul style="list-style-type: none"> <li>◇ Software Developer</li> <li>◇ Computer Systems Analyst</li> <li>◇ Computer Programmer</li> <li>◇ Network Systems Administrator</li> </ul>

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Helping others and protecting their safety?</li> <li>◇ Observing and analyzing people's behavior?</li> <li>◇ Working under pressure or in the face of danger?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Emergency Medical Technology Career Pathway (EMMT)</li> <li>◇ Firefighter Technology Career Pathway (FIFI)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Emergency Dispatcher</li> </ul>	<ul style="list-style-type: none"> <li>◇ Firefighter</li> <li>◇ Emergency Medical Tech</li> <li>◇ Paramedic</li> <li>◇ Fire Inspector</li> <li>◇ Fire Investigator</li> </ul>	<ul style="list-style-type: none"> <li>◇ Forensic Science Technician</li> <li>◇ Probation Officer</li> </ul>



MANUFACTURING		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Working with your hands?</li> <li>◇ Using hand and power tools</li> <li>◇ Operating equipment and machinery?</li> <li>◇ Doing routine, organized, and accurate work?</li> <li>◇ Visualizing objects in 3D from flat drawings?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Advanced Manufacturing Career Pathway (ADMA)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Welder</li> <li>◇ CNC Machinist</li> <li>◇ Production Line Worker</li> <li>◇ Maintenance Worker</li> </ul>	<ul style="list-style-type: none"> <li>◇ Mechanical or Industrial Engineering Tech</li> <li>◇ Tool and Die Maker</li> </ul>	<ul style="list-style-type: none"> <li>◇ Mechanical Engineer</li> </ul>

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Science and Math?</li> <li>◇ Solving problems and interpreting formulas?</li> <li>◇ Experimenting to find the best way to do something?</li> <li>◇ Exploring new technology?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Drafting Engineering Career Pathway (DREN)</li> <li>◇ Technology Engineering &amp; Design Career Pathway (TEND)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Mechanical Drafter</li> </ul>	<ul style="list-style-type: none"> <li>◇ Survey Tech</li> <li>◇ Robotics Tech</li> </ul>	<ul style="list-style-type: none"> <li>◇ Computer Engineer</li> <li>◇ Electrical Engineer</li> <li>◇ Surveyor</li> <li>◇ Robotics Engineer</li> </ul>

**Learn it. Love it. Live it.**

TRANSPORTATION, DISTRIBUTION & LOGISTICS		
Do you have an interest in:	Pathways available in ABSS	
<ul style="list-style-type: none"> <li>◇ Planning the movement and management of people, materials and goods from one place to another?</li> <li>◇ Working on cars?</li> <li>◇ Solving mechanical problems?</li> </ul>	<ul style="list-style-type: none"> <li>◇ Automotive Services Career Pathway (AUTO)</li> </ul>	
Career Options		
High School	Certification/ Associate's Degree	Bachelor's Degree or Higher
<ul style="list-style-type: none"> <li>◇ Bus or Truck Mechanic</li> <li>◇ Delivery Service Driver</li> <li>◇ Vehicle Cleaner</li> </ul>	<ul style="list-style-type: none"> <li>◇ Automotive Service Tech</li> <li>◇ Truck Driver</li> </ul>	<ul style="list-style-type: none"> <li>◇ Automotive Engineer</li> </ul>

- STUDENTS ARE ABLE TO EARN FREE INDUSTRY RECOGNIZED CREDENTIALS IN CTE COURSES, SUCH AS:**
- \*ASE Auto Maintenance and Light Repair (GI)
  - \*Autodesk Certified Professional Revit
  - \*Autodesk Certified Professional Inventor
  - \*Autodesk Certified User AutoCAD
  - \*Autodesk Certified User Inventor
  - \*Autodesk Certified User Revit
  - \*CompTIA IT Fundamentals +
  - \*CompTIA A+1001 \*CompTIA A+1002
  - \*EMT Basic
  - \*MTA 98-381 Introduction to Programming Using Python
  - \*Microsoft Office Specialist PowerPoint 2019
  - \*Microsoft Office Specialist Word 2019
  - \*Microsoft Office Specialist Excel Core 2019
  - \*Microsoft Office Specialist Excel Expert 2019
  - \*National Center for Construction Education & Research (NCCER)
  - \*National Incident Management Systems FEMA Certifications
  - \*NC Hunter Safety Course
  - \*NC Nurse Aide I \*CPR \* First Aid
  - \*NCOSFM - Firefighter Technology I, II, and III
  - \*Pre-Professional Assessment and Certification in Culinary Arts
  - \*ServSafe Manager



# POST HIGH SCHOOL INFORMATION

Whether you plan on attending a four-year college or university, community college, enlist in the armed forces, or go directly into the work force, Alamance-Burlington Schools is committed to providing courses and opportunities that prepare you for life after high school. The following pages will provide you with guidance on college planning and understanding Career Technical Education in order for you to optimize your time in school.

## COLLEGE OR UNIVERSITY PATHWAY

**Courses** – Take the most challenging classes possible that will prepare you for educational and career opportunities after high school. Take sequential courses that will deepen your knowledge and understanding in the subject. Select courses in Career and Technical Education Clusters to explore and prepare you for the workplace and your chosen field of study. These classes will be excellent preparation for both university and community college. Remember you may be able to earn college credit, save college costs, and possibly graduate college early by taking Advanced Placement, International Baccalaureate, or Career Tech courses.

**Grades** – Aim for high grades throughout high school. If you find you need additional support in a class, talk with your teacher or counselor.

**SAT or ACT Scores** – Taking classes that challenge you and reading every day will help you score higher on the SAT or ACT. Talk with your counselor about test preparation programs and visit [CFNC.org](http://CFNC.org). The SAT and ACT are both college admissions tests but have different formulas. Consider taking both to maximize your scores.

**Well-Rounded Student** – Community activities, extra-curricular activities, hobbies, and community involvement through volunteering and work will be considered during the college admission process. Most colleges prefer activities that show long-term interest and commitment rather than short-term things you do in the final year of high school. Make sure you know the clubs and activities that are offered at your school.

## NAVIANCE

Naviance is a web-based program that allows students to explore their interests and strengths and develop a plan of study that matches long-term goals with an actionable plan. Each high school student in Alamance-Burlington School District has access. Students should continuously monitor and adjust their four-year plans regularly. They can research careers, colleges, and scholarships. See your school counselor if you need assistance with your Naviance account. Parents/guardians can access student's accounts to view their progress of assigned tasks and plans of study. All ABSS parents/guardians have a unique login for Naviance and are highly encouraged to activate their accounts. To get the parent/guardian registration code, which is necessary for activation, please contact your student's school counseling department.

## CAREER AND TECHNICAL EDUCATION

### CTE PREPARES STUDENTS FOR A CAREER AND COLLEGE

All students benefit from both a strong academic foundation and specialized technical skills needed to be successful in today's world. Career and Technical Education (CTE) provides students with the opportunity for a focused course of study related to his/her career goal. CTE courses may be combined with required academic courses to assist students as they prepare to attend a two or four-year degree program, go directly into the workforce, or enlist in the military. CTE provides students the opportunity to earn honors and AP weight, receive industry mentoring during an Internship or Apprenticeship and earn industry-recognized credentials while in high school.

# Alamance Community College Career and College Promise Pathways



The **CAREER AND COLLEGE PROMISE (CCP) PROGRAM** allows qualified high school juniors and seniors in North Carolina the opportunity to pursue college courses (tuition free) while in high school. The CCP program accelerates completion of college certificates, diplomas, and associate degrees that lead to college transfer or provide entry-level job skills. CCP is designed for students who are college ready while in high school and who want to get a head start on college.

## Eligibility Requirements

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

- Be a high school junior or senior.
- Have a 2.8 or higher unweighted high school GPA **OR** demonstrate college readiness in reading, writing and math on a state-approved assessment test (SAT, PSAT, ACT, Pre-ACT, ACC placement test).
- Maintain at least a college GPA of 2.0 after two college courses for continued eligibility.

**To be eligible for a **Career Technical Education (CTE)** pathway, students must:**

- Be a high school junior or senior.
- Have a 2.8 or higher unweighted high school GPA,  
**OR** demonstrate college readiness in reading, writing and math on a state-approved assessment test (SAT, PSAT, ACT, Pre-ACT, ACC placement test),  
**OR** have written recommendation from the high school principal/principal's designee. If entering CCP upon principal/designee recommendation, student must meet the prerequisite for any course in the chosen pathway.
- Maintain at least a college GPA of 2.0 after two college courses for continued eligibility.

**For more information about Career and College Promise Pathways through Alamance Community College:**

- **see your high school counselor**
- **email us: [ccp@alamancecc.edu](mailto:ccp@alamancecc.edu)**
- **visit us on the web: [www.alamancecc.edu](http://www.alamancecc.edu)**  
under Degrees and Programs, click on Career and College Promise



# ACC Courses Available at the High Schools 2022-2023

## CTEC–3rd Block

### CCP College Transfer Schedule–Pick two courses each semester

FALL SEMESTER		SPRING SEMESTER	
ENG 111 Writing and Inquiry	T/TH	ENG 112 Writing/Research in the Discipline	T/TH
ENG 231 American Literature I	T/TH	ENG 241 British Literature I	T/TH
SOC 210 Intro to Sociology	M/W/F	COM 231 Public Speaking	M/W/F
		MUS 112 Intro to Jazz	M/W/F

The courses listed above are guaranteed to transfer to all 16 public universities and many private colleges as general education credit through the state Comprehensive Articulation Agreement.

- Transportation to and from CTEC is provided by ABSS for these courses.

## Spanish Interpreter Certificate

### Online–3rd Block

To be eligible for this pathway, students must meet one of the following:

- Be in a Spanish immersion program
- Score a 4 or higher on the AP Spanish exam
- Qualify by assessment with the lead Spanish instructor at ACC

FALL SEMESTER		SPRING SEMESTER	
SPI 113 Intro to Spanish Interpretation	M/W/F	SPI 114 Analytical Skills Spanish Inter.	M/W/F
SPI 213 Review of Grammar	T/TH	SPI 214 Intro to Translation	T/TH

Students who successfully complete all these courses in the pathway (12 credit hours) will earn an ACC Spanish Interpreter Certificate.

- Courses are asynchronous but scheduled during 3rd block to allow for live Zoom assessments.



# ACC Courses Available at the High Schools 2022-2023

## Graham High School

### College Transfer Math\*–AIMS Academy

#### SPRING SEMESTER

MAT 152 Statistical Methods I	M/W/F
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\*This pathway is open to students at any ABSS high school.

- MAT 152 can serve as a student's fourth high school math credit.

### Biotechnology Pathway\*

FALL SEMESTER	SPRING SEMESTER
BIO 111 General Biology	CHM 131 & 131A Intro to Chemistry & Lab
BIO 181 Basic Lab Techniques	CIS 110 Intro to Computers

\*This pathway is open to students at any ABSS high school.

## Walter M. Williams High School

### Advertising Graphic Design–Visual Arts CTE Pathways

Both pathways taught Fall and Spring Semesters (*non-transferrable courses*)

PHOTOGRAPHY COURSES	VIDEOGRAPHY COURSES
GRD 167 Photographic Imaging I	PHO 222 Video Production
GRD 168 Photographic Imaging II	PHO 242 Digital Video Production and Editing

Students who successfully complete all these courses in the pathway will earn an ACC Visual Arts Certificate.

## Eastern Alamance High School

### Advertising Graphic Design–Visual Arts/Photography CTE Pathway

Pathway taught Fall and Spring Semesters (*non-transferrable courses*)

GRD 167 Photographic Imaging I
GRD 168 Photographic Imaging II

## Hugh M. Cummings High School

### Criminal Justice Technology CTE Pathway

FALL SEMESTER	SPRING SEMESTER
CJC 112 Criminology	CJC 113 Juvenile Justice
CJC 213 Substance Abuse	CJC 212 Ethics and Community Relations
CJC 132 Court Procedure & Evidence	CJC 131 Criminal Law

Students who successfully complete all these courses in the pathway will earn an ACC Criminal Justice Certificate.



# ACC Courses Available at the High Schools 2022-2023

## Southern Alamance High School

### Criminal Justice Technology CTE Pathway

FALL SEMESTER	SPRING SEMESTER
CJC 112 Criminology	CJC 113 Juvenile Justice
CJC 213 Substance Abuse	CJC 212 Ethics and Community Relations
CJC 132 Court Procedure & Evidence	CJC 131 Criminal Law

Students who successfully complete all these courses in the pathway will earn an ACC Criminal Justice Certificate.

## CTE Courses Taught on ACC's Campus

These courses are available 12:30-2:30 p.m. Transportation to and from the Carrington-Scott Campus is provided by ABSS for these courses.

### Computer-Integrated Machining CTE Pathway

FALL SEMESTER	SPRING SEMESTER
ISC 132 Manufacturing Quality Control	DFT 154 Intro to Solid Modeling
MAC 141 Machining Applications I	MAC 142 Machining Applications II

Students who successfully complete these courses will earn an ACC Computer-Integrated Machining Certificate.

## Courses Taught at ACC's Dillingham Center

### Cosmetology CTE Pathway

These courses are available 3:00-7:00 p.m.

COS 111 Cosmetology Concepts I	COS 113 Cosmetology Concepts II
COS 112 Salon I	COS 114 Salon II

**Books and Kits are furnished for high school COS students by ACC.**

**For more information about Career and College Promise Pathways through ACC:**

- see your high school counselor
- email us: [ccp@alamancecc.edu](mailto:ccp@alamancecc.edu)
- visit us on the web: [www.alamancecc.edu](http://www.alamancecc.edu)  
under Degrees and Programs, click on Career and College Promise

# COURSE INFORMATION

## COURSE LOADS

Students are expected to attend school full-time and take a full load of courses. Exceptions are made for students approved for cooperative work experiences taken in conjunction with Career Technical courses.

## CLASS SCHEDULE CHANGES

Students will only be allowed to drop a course during the first 10 days of a semester. Schedule changes should be based on inappropriate placement of level of course. Students should see their counselor for assistance; however, changes could be limited based on availability of classes due to size.

## PROMOTION REQUIREMENTS

Students will be required to meet current promotion requirements as determined by Board Policy:

- Grade 9 to 10 – a minimum of 6 units cumulative must be earned
- Grade 10 to 11 – a minimum of 12 units cumulative must be earned
- Grade 11 to 12 – a minimum of 20 units cumulative must be earned
- Graduation – a minimum of 28 units and successful completion of any other state standards must be earned according to School Board Policy.

## QUALITY POINTS

Per NCDPI, students will adhere to the following quality point standards:

- An additional .5 quality point will be added to Honors courses, including CTE community college courses designated as honors
- An additional 1.0 quality point will be added to Advanced Placement (AP) courses, International Baccalaureate (IB) courses, community college courses that are part of the Comprehensive Articulation Agreement or four-year college or university courses taken while in high school

For example, a student who earns an A in an AP 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 as follows:

- 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

## CLASS RANK FOR STUDENTS ENTERING HIGH SCHOOL 2017 THROUGH 2019

Class rank is a composite of grades earned in grades 9-12. It is determined using the weighted quality point system. Class rankings are periodically computed in high schools for the purpose of making an individual student's class rank available for the student. Final class rank is determined at the end of the eighth semester.



## **LATIN HONORS AND VAL/SAL FOR STUDENTS ENTERING HIGH SCHOOL 2020-2021 AND BEYOND**

Beginning with the class of 2024, students will be designated with the following honors instead of class rank:

1. Students with a 3.75 - 3.99 weighted grade point average shall receive the distinction of cum laude
2. Students with a 4.0 - 4.249 weighted grade point average shall receive the distinction of magna cum laude
3. Students with a 4.25 or higher weighted grade point average shall receive the distinction of summa cum laude

The student earning the highest cumulative weighted grade point average in the graduating class each year will be named Valedictorian. The student earning the second highest cumulative grade point average in the graduating class will be named Salutatorian.

## **NON-CREDIT DRIVER EDUCATION**

Extended-day driver education classes will be available to students who are 14½ years old by the starting date for the Driver Education Class.

Summer driver education will be available for students who will reach their 14½ birthday by the starting date of the Driver Education Class. These classes are offered throughout the year at all ABSS high schools. Please email the driver education coordinator at [chad\\_aharon@abss.k12.nc.us](mailto:chad_aharon@abss.k12.nc.us) for information.

Under dropout Prevention/Driver's License legislation passed in 1998, students under the age of 18 who drop out of school or do not pass 70 percent of their courses are subject to have their permit/license suspended.

## **ADVANCED PLACEMENT CLASSES**

Advanced Placement classes are rigorous courses that allow high school students to undertake academic learning at the collegiate level. Students must take the AP exam associated with the course which will be paid for by the state. Students must earn a proficient score (3, 4 or 5) in order to earn college credit and/or Advanced Placement. The College Board will coordinate the national administration of the Advanced Placement exams during May of each year.

## **CREDIT RECOVERY**

The Credit Recovery Program operates on each high school campus. It is designed to give self-motivated high school students an opportunity to recover a credit from a previously failed course, enabling them to get back on track and graduate with their peers in their original cohort. Courses used for credit recovery are delivered to the students through online instruction. To recover credit, students are responsible for completing all lessons and tests within each module at the designated mastery level set for that course.

## **CREDIT BY DEMONSTRATED MASTERY (CDM)**

CDM is an option for obtaining high school course credit for standard level courses in North Carolina (Honors, Advanced Placement, Healthful Living and some Career and Technical Education courses are not eligible). CDM is the process that awards a student credit in a particular high school course without requiring the student to complete classroom instruction for a certain amount of seat time. "Mastery" is defined as a student's command of course material at a level that demonstrates a deep understanding of the content standards and application of knowledge. All students for high school courses within the recommended scope and sequence are eligible. In ABSS this is an annual process where students submit an application in December of each year and engage in the CDM process between February-April. For more information about this process, please see your school counselor and visit the CDM website at <https://www.abss.k12.nc.us/site/default.aspx?PageID=30082>.

# TESTING

Students in grades 9-12 take various tests to assess their academic proficiency and progress. A brief description of some of the tests is provided below.

## END OF COURSE (EOC)

The End of Course (EOC) assesses student understanding of subject-related, state required standards. It is also used to provide a global estimate of the student's mastery of the material in a particular content area. The results are used to make adjustments to the School Improvement Plan and to student schedules as necessary. EOC's are given in NC Math I, NC Math 3, Biology, and English II.

## ABSS BENCHMARK

ABSS Benchmarks assess student understanding of subject-related, state required standards. Benchmarks allow teachers to identify students' academic strengths and weaknesses and use that information to guide future instruction. Data will also be used to support success on later summative and high-stake tests. ABSS Benchmarks are given in NC Math I, NC Math 3, Biology, and English II.

## WORKKEYS ASSESSMENT

The ACT Workkeys assessments measure foundational skills required for success in the workplace and help measure the workplace skills that can affect job performance. The assessment measures skills in Applied Mathematics, Graphic Literacy, and Workplace Documents. Students who are CTE Concentrators must participate in the Workkeys Assessment unless they have an approved medical exemption or they have taken the assessment in a private entity and scored at the Silver, Gold, or Platinum Level. Students should work with their Career Development Coordinator (CDC) and Principal to prepare for the assessment and utilize the results when done.

## CAREER & TECHNICAL EDUCATION (CTE) PROOF OF LEARNING

Career and Technical Education (CTE) measures student mastery of concepts related to the state required standards for a CTE course using three Proofs of Learning:

- NC CTE State Post Assessment
- Industry Recognized Credential (IRC)
- Performance-Based Measurement (PBM)

Each course is assigned a Proof of Learning (above) by the state. Regardless of the grade level in which the course is taken, students enrolled in courses requiring an NC CTE State Post Assessment shall take the assessment during the district exam window in order to earn credit for the course. Students enrolled in courses requiring IRC or PBM will be given opportunities to show mastery throughout the course. If a student is unable to show mastery on IRC or PBM prior to the testing window, they shall take a teacher made summative assessment. CTE teachers will share which Proof of Learning is assigned to each CTE course with students at the beginning of the semester.

## PREACT

The PreAct is given to all students in Grade 10 during the fall. The PreAct assesses students' knowledge of college-entry requirements and offers ways to prepare for the ACT. Results are used to provide guidance to each student for future success on the ACT and interests with college and career alignment.

## AMERICAN COLLEGE TESTING (ACT)

The ACT college readiness assessment is a standardized test for high school achievement and college admissions. Students in Grade 11 will take the ACT during the school day in the second semester. However, they have the option of also taking for improved scores on designated Saturdays by ACT. The ACT assessment measures high school students' general educational development and their capability to complete college-level work with multiple-choice tests in four skill areas: English, Math, Reading, and Science. All students taking the exam at a national testing center will be asked to include the code for their high school on their registration for the test. When taking the ACT on a Saturday or at a national testing center, students may elect to include the optional Writing Test which measures skills in planning and writing a short essay.

## PRELIMINARY SCHOLASTIC ASSESSMENT TEST/NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (PSAT)

The PSAT is nationally administered by the College Entrance Examination Board and assesses students in three areas: Reading, Mathematics, and Writing. The PSAT is used to help students practice for the SAT and to qualify for scholarships for and recognition from such programs as: National Merit Scholarships, National Achievement Scholarships for Outstanding African American Students, National Hispanic Scholar Recognition Program, and Student Search Service. The PSAT is administered during the school days for those interested in October.

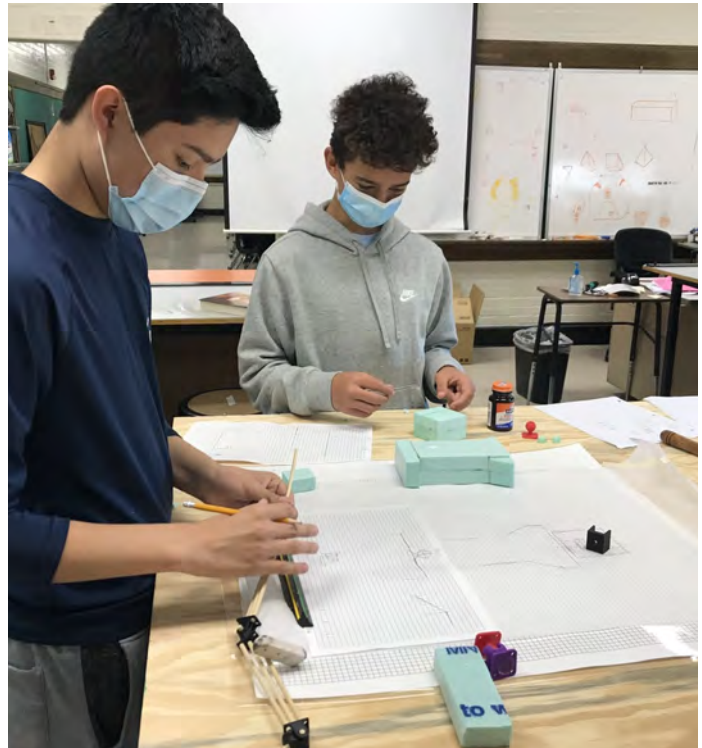
## SCHOLASTIC APTITUDE TEST (SAT)

The SAT is an optional test nationally administered by the College Board. It assesses students in three areas: Critical Reading, Math, and Writing. The SAT is one of the admissions tests used by postsecondary institutions to assist in selecting students. Students must pay and register online or by mail several weeks prior to the test date. See your school counselor for more information. Fee waivers are available for those in need through your counseling center.

## HIGH SCHOOL CODES

Below are codes students should use when registering for the ACT or SAT. Students enrolled at Ray Street or CTEC should use their home school code. Students should see their school counselor if they have questions or need assistance.

ABSS Early College -	341546
Alamance Virtual School	340159
Cummings -	340508
Eastern -	342575
Graham -	341560
Southern -	340505
Western -	341180
Williams -	340520





# HIGH SCHOOL OPTIONS

Cummings High School	Varied CTE, CCP, CS@E options, Advanced Placement and Alamance Scholars Program
Eastern Alamance High School	Varied CTE and CCP options, CS@E options, Advanced Placement and Alamance Scholars Program
Graham High School	AIMS Academy (Advanced Integrated Math & Science)
	Emergency Medical Technician Program
	Firefighter Program
	Pre-Collegiate Academy (application only)
	Varied CTE, CCP, CS@E options, Advanced Placement and Alamance Scholars Program
Southern Alamance High School	Varied CTE, CCP, CS@E options, Advanced Placement and Alamance Scholars Program
Western Alamance High School	Navy Junior ROTC
	Varied CTE, CCP, CS@E options, Advanced Placement and Alamance Scholars Program
Williams High School	International Baccalaureate (application only)
	Varied CTE, CCP, CS@E options, Advanced Placement and Alamance Scholars Program
ABSS Early College @ ACC	Accelerated academic program of study (application only) Alamance Scholars Program
Career and Technical Education Center (CTEC)	Automotive
	Computer Engineering Technology
	Computer Programming
	Culinary Arts
	Digital Media
	Game Art Design
	Health Science
	Technology, Engineering and Design
	Digital Design and Animation
	NC School of Science & Math: Interactive Video Conferencing
	Varied CTE, CCP, and Advanced Placement
	Ray Street Academy
Transition Back to High School Program	
Varied CTE options	

# Alamance Scholars Program

## ABSS Cohort

This is a partnership with ABSS, ACC, and Elon University. The program allows students who are interested in pursuing a career in teaching in the following areas: Elementary/Middle School Level, Special Education or English Language Learner teacher to begin their transferable College Credit Courses in order to get a jump start on their college education while still in high school. Students will apply to be part of the Alamance Scholars cohort and be provided opportunities such as field experience and job shadowing to expose them to the responsibilities and requirements of these careers.

- Students will enter the cohort in the program during their Junior year. They will remain at their home high school, but their school counselor will work with Jodi Hofberg, Alamance Scholar Coordinator, to ensure they stay on track with their courses, internship opportunities and requirements, and other opportunities provided by the program.
- Students will periodically attend seminars and other activities together with their other Alamance Scholars Program Cohort members.
- Students accepted to the cohort will receive free textbooks for their college classes while in the program.
- Visit the [Alamance Scholars Website](#) to learn more and to access the application.

Students will take the following courses if accepted into the cohort:

<b>Junior Year</b>	<ul style="list-style-type: none"> <li>• Teacher Cadet I paired with ENG 111</li> <li>• Teacher Cadet II paired with ENG 112</li> </ul> <p><i>(Courses listed above will be taken face-to-face @ CTEC)</i></p> <ul style="list-style-type: none"> <li>• ACA 122</li> <li>• Optional: CCP Courses from Teacher Prep Pathway</li> </ul>
<b>Senior Year</b>	<ul style="list-style-type: none"> <li>• English 231 &amp; English 241</li> <li>• EDU 187 &amp; EDU 216</li> <li>• Optional: CCP Courses from Teacher Prep Pathway</li> </ul>
<b>Other Requirement</b>	<ul style="list-style-type: none"> <li>• Students must complete 20 hours of internship/volunteer hours by graduation along with the above courses in order to graduate with an honor cord.</li> </ul>

\*\*\*Students who complete these courses will earn a minimum of 20 college semester hour credits that transfer to Elon if they earn a C or better in each course.

\*\*\*Students must maintain a GPA of 2.0 or higher after two college classes in order to continue in the cohort.

## **CAREER AND TECHNICAL EDUCATION**

Location: CHS, EHS, GHS, SAHS, WAHS, WHS, CTEC, RSA and AVS

Each school has selected Career and Technical Education (CTE) Courses that allow students to gain hands-on experience while using the academic skills obtained in their general core classes. Whether you are college bound or plan to enter the workforce following high school graduation, CTE courses will prepare you for a successful future. Many CTE courses lead to college credits and certifications. Transportation is provided to CTEC, to the Public Safety Academy and off-campus for ACC's Computer-Integrated Machining Pathway. See your school counselor or Career Development Coordinator, if you are interested in these options.

## **CAREER AND COLLEGE PROMISE (CCP)**

Location: CHS, EHS, GHS, SAHS, WAHS, WHS, CTEC, ACC and AVS

Career and College Promise (CCP) allows qualified high school juniors and seniors in NC the opportunity to pursue college courses tuition free while in high school. In some instances, students will be required to purchase a textbook. CCP is designed for students who are college ready while in high school and who want to get a head start on college.

## **COLLEGIATE START @ ELON (CS@E)**

Location: Elon University

Available to all students at CHS, EHS, GHS, SAHS, WAHS, WHS and AVS

Collegiate Start @ Elon is a dual enrollment program designed to provide high school seniors with the opportunity to simultaneously enroll in both high school and college courses, and receive dual high school and college credit. The program provides advanced academic options for high-achieving high school seniors in over 40 courses. Students enrolled in Collegiate Start@Elon are eligible to take up to two college-level courses each fall and spring academic semester. Eligible students who are selected to participate are classified as a Special Student through the Elon University Admissions Office. Please see your high school counselor for more information or you can visit <https://www.elon.edu/u/academics/education/collegiate-start/>.

## **ADVANCED INTEGRATED MATH & SCIENCE ACADEMY (AIMS)**

Location: Graham High School / Alamance Community College

Transportation: Provided by District

The AIMS Academy is an opportunity for juniors and seniors in ABSS to earn high school and college credit through a partnership with Alamance Community College. Students can leave high school with a Biotechnology Certificate that allows them to be career ready at several area BioScience companies. Students can continue the program of study after graduation to earn a degree. Courses that earn a "C" or better are eligible for college transfer to any of the 16 public UNC systems in NC. Students are also eligible to take college level mathematics and sciences within this program. Students will travel to Graham High School and Alamance Community College on alternating days, but they will remain a student of their assigned school. Students interested in the AIMS program should submit an application to GHS or their high school counselor.

## **NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS (ONLINE)**

Location: CTEC

Rising juniors who are interested in taking advanced, college-preparatory courses such as Honors Molecular Genetics or Honors Cryptography can do so through the North Carolina School of Science and Math online program located on CTEC's campus. Students will apply in the spring of their sophomore year. Tuition is free.

## **PRE-COLLEGIATE ACADEMY**

Location: Graham High School

Transportation: Provided by District; student becomes a Graham High School student

Application Process ONLY

The Pre-Collegiate Academy allows students to participate in an accelerated, rigorous program on a traditional high school campus that can lead to a high school diploma and associate degree upon graduation. Students will take Honors classes and have the option to take Advanced Placement Courses during their first two years in the academy. Students will engage in college courses in their Junior and Senior years of high school; tuition free with books provided. Students interested in this program will apply in their 8<sup>th</sup> grade year and upon acceptance will be enrolled as a full-time student at Graham High School. Transportation will be provided by the district.

## **NAVY JUNIOR ROTC**

Location: Western Alamance High School

Transportation: Provided by Parent/Student

Navy Junior ROTC is an introduction to the many areas of curricula studied by midshipmen at the Naval Academy and the Naval Reserve Officers candidate program. Goals for the program are to develop informed and responsible citizens, build stronger character, promote an understanding of the basic requirements for National Security, assist in forming habits of self-discipline, and develop respect for and the understanding of the need for constituted authority in a democratic society. The Navy provides at no cost all books, uniforms, and equipment needed for Naval Science courses. A student enrolled as a NJROTC cadet is under no obligation of future military service. Students must be in good standing in their home school and transportation must be provided to and from the home school by the parent/student to participate.

## **INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME**

Location: Williams High School

Transportation: Provided by District; Student becomes Williams High School student

Application Process Only

The International Baccalaureate (IB) Diploma Programme offers a rigorous, two-year course of study for high school students. Designed for the self-motivated and hardworking individual, IB provides successful candidates an internationally recognized diploma and preparation for study in the world's most demanding colleges and universities. Students officially begin the IB Diploma Programme in their junior year. During their freshman and sophomore years the students take a challenging slate of enriched and weighted courses. At the beginning of the junior year, students begin the full diploma programme. They are required to take six subjects from each of the following areas: language and literature, a second language, experimental sciences, the arts, mathematics, and individuals and societies. In addition, diploma candidates write a research-based extended essay, complete a theory of knowledge course, and perform 150 hours of creativity, action, and service (CAS). Students interested in this program will apply in their 8<sup>th</sup> grade year and upon acceptance will be enrolled as a full-time student at Williams High School. Transportation will be provided by the district.

## **ABSS EARLY COLLEGE AT ACC**

Location: Alamance Community College

Transportation: Provided by District; Student becomes ABSS Early College at ACC student

Application Process Only

ABSS Early College at ACC is a cooperative innovative high school whose goal is to produce high school graduates with two years of college credit earning an Associate Degree, diploma and/or certificate. The program provides students with challenging, engaging courses and the college credit in a smaller learning community that enables each student to reach his or her full potential. Students interested in this program will apply in their 8<sup>th</sup> grade year and upon acceptance will be enrolled as a full-time student at the ABSS Early College at ACC. Transportation will be provided by the district.



## **CAREER TECHNICAL SPECIFIC PROGRAMS**

Location: Career Technical Education Center (CTEC)  
Transportation: Provided by District

The Career and Technical Education Center is open to all high school students in ABSS. They provide a learning environment where students can explore interests and gain expertise in career areas using 21st Century skills, advanced technology, and opportunities beyond the traditional high school. Transportation is provided to and from the student's home high school each day for the courses, and the student will remain enrolled at their home high school. Students can earn college credit and certificates in specific courses. No application is needed, but there are some courses that require passing of required prerequisite courses.

## **ONLINE LEARNING LABS**

Location: Each High School Campus

Students enrolled in online learning courses are enrolled in classes offered through the North Carolina Virtual Academy or the District's Apex platform. Students who benefit from these courses are those who are trying to get back on track for graduation or when a school is not offering a course that is of interest to the student, so they take it via NCVPS. Students need to be motivated as these courses are done independently in a lab with an online facilitator.

## **CAREER AND COLLEGE PROMISE (CCP) SPANISH INTERPRETER CERTIFICATE**

Location: Online (3rd block)

The 12-credit-hour certificate prepares rising 11th and 12th grade students to work as paraprofessional Spanish interpreters, facilitating oral communication between people in various community settings such as hospitals, schools, and service agencies. It is not transferable under the NCCCS Comprehensive Articulation Agreement and cannot be used to satisfy requirements for the A.A. or A.S. However, a benefit of this pathway is the opportunity to earn a credential that will improve their competitiveness on their college application and their future profession. Courses are asynchronous. They are scheduled during 3rd block to allow for occasional live assessments via Zoom. Students interested in this program should see their high school counselor.

## **THE CONTEMPORARY LEARNING PROGRAM**

Location: Ray Street Academy  
Transportation: Provided by District

The Contemporary Learning Program is housed at Ray Street Academy. This program is designed for students that may struggle in a traditional high school classroom but have the drive and determination to succeed. The Contemporary Learning Program provides smaller class sizes, different approaches to curriculum and instruction, and when needed credit recovery in order to assist students with getting back to their cohort graduation year. An application must be submitted in order to be accepted. Enrollment is not always long-term, but it is based upon individual circumstances. Transportation is provided by the district.

## **THE TRANSITION BACK TO HIGH SCHOOL PROGRAM**

Location: Ray Street Academy  
Transportation: Provided by District under most circumstances

Ray Street Academy houses our Transition Back to High School Program. Occasionally, students face obstacles that may prevent them from attending school for some period of time. The Transition Back to High School Program allows these students to slowly re-enter their educational experience, making sure they have the right tools, setting and skills to successfully return to their home high school. The Transition Back to High School Program experience is different for each student and oftentimes allows students to learn about other educational options they might not know about within the District or the community. The district will provide transportation under most circumstances.

## PUBLIC SAFETY ACADEMY: FIREFIGHTER AND EMERGENCY MEDICAL TECHNICIAN (EMT)

Location: Graham High School  
Transportation: Provided by District

The Public Safety Academy provides students an opportunity to receive North Carolina certifications in both Fire Fighting and Emergency Medical Technology for free while in high school. Students who take the Firefighter and EMT courses have hands-on experiences to gain skills to prepare them for certifications required in the field. Students will travel to Graham High School for this program, but they will remain a student of their assigned school. Interested students should seek more information from their Career Development Coordinator (CDC) at their school and sign-up with their counselor.





# ATHLETICS

It is a privilege to participate in extracurricular activities and competitions in Alamance-Burlington Schools. In order to participate, each individual must read, understand, and adhere to the parent/student honor code provided by each coach or sponsor. In addition to the general code, coaches, sponsors, and directors may have additional rules and regulations that apply to their particular activity or sport.

## Requirements for Athletic Participation

In order to represent a high school in ABSS in interscholastic athletics, the student-athlete:

- Must not be 19 years of age on or before August 31st of the current school year.
- Must not have attended high school more than eight semesters.
- Must not have participated in any sport more than four seasons since leaving the eighth grade.
- Must have passed 3 or more subjects during the previous semester (if on the block schedule).
- If not on the block schedule, must have passed 6 out of 8 subjects the previous school year.
- Must have a minimum of a 2.0 GPA (weighted) for the semester.
- Must be promoted to the next grade level in order to be eligible for the fall semester.
- Must have been in attendance 85% of the previous semester.
- Must reside in the ABSS school zone or be assigned to their school by the Alamance-Burlington School Board of Education. The student-athlete must meet all residency rules established by the NCHSAA.
- Any student-athlete found guilty of a felony cannot participate in High School sports. Students who do not meet the minimum standards established about cannot be permitted to participate on a school athletic team.

Before beginning **practice** with a team the student must:

- Meet academic/attendance requirements.
- Pass a physical examination within the past 395 days. This physical must be on file with the athletic Director.
- Obtain parental permission.
- Sign Parent/Student Honor Codes.
- Complete the APF form online on the Athletics Home Page.
- Completed GFeller-Waller Concussion Paperwork.

## COLLEGE BOUND STUDENT ATHLETE

### Certification

If a student intends to participate in Division I or II athletics as a Freshman, then he/she must register and be certified by the NCAA Eligibility Center.

### Fee Waivers

Counselors may waive the application fee if the student has previously qualified for and received a waiver of the ACT or SAT fee.

### Test-Score Requirements

(ACT, SAT) In Division I and II, the student must achieve the minimum required score before his/her first full-time, college enrollment in order to qualify. If students use the ACT, they must take it outside of the test that is given during the school day in their Junior year if they want to qualify for Collegiate sports.

### Transcripts

Parents/Students should contact the school counselor to request an official transcript to be sent to NCAA at the end of the student's junior year.

### Additional Information

Athletic information included in this publication is provided as a resource. Specific questions or clarifications of athletic information and/or eligibility should be addressed to the school's athletic director.

### NCAA Eligibility Center

If you want to play sports at an NCAA Division I or II school, start by registering with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org) during your sophomore year.

### Core Courses

This simple formula will help you meet the Divisions I and II core-course requirement:

<b>4x4=16</b>
4 English courses (one per year)
+ 4 math courses (one per year)
+ 4 science courses (one per year)
+ 4 social science courses (one per year)
<b>16 NCAA CORE COURSES</b>

### Grade-Point Average

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses. Visit [eligibilitycenter.org](http://eligibilitycenter.org) for a full list of your high school's core courses.

### Sliding Scale

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. If you have a low GPA, you need a higher test score to be eligible. Find more information about sliding scales at [NCAA.org/playcollegesports](http://NCAA.org/playcollegesports).

### Test Scores

You may take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code 9999) as a score recipient whenever you take a test. We can accept official scores only from ACT or SAT and we won't use the scores from your high school transcript. If you direct the ACT or SAT to send us your scores every time you take a test, we will choose the best scores from each test subject to create your sum score.



## DIVISION I

To play sports at a Division I school, you must graduate from high school and meet ALL the following requirements:

1. Complete 16 NCAA core courses:
  - 4 years of English
  - 3 years of math (Algebra I or higher)
  - 2 years of natural/physical science (including one year of lab science if your high school offers it)
  - 2 years of social science
  - 1 additional year of English, math or natural/physical science
2. Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.
3. Earn at least a 2.3 GPA in your NCAA core courses.
4. Earn an ACT sum score of SAT combined score that matches your core-course GAP on the Division I sliding scale.

## DIVISION II

To play sports at a Division II school, you must graduate from high school and meet ALL the following requirements:

### **Before August 1, 2020**

1. Complete 16 NCAA core courses.
2. Earn at least a 2.0 GPA in your NCAA core courses.
3. Earn an ACT sum score of 68 or an SAT combined score of 820.

### **After August 1, 2020**

1. Complete 16 NCAA core courses.
2. Earn at least a 2.2 GPA in your NCAA core courses.
3. Earn an ACT sum score of SAT combined score that matches your core-course GPA on the Division II sliding scale.

### **Core Courses for Division II**

To play sports at a Division II school, you must complete these NCAA core courses:

- 3 years of English
- 2 years of math (Algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science if your high school offers it)
- 2 years of social science
- 3 additional years of English, math or natural or physical science
- 4 additional years of English, math, natural or physical science, social science, foreign language, comparative religion or philosophy

Source:

<http://www.ncaapublications.com/DownloadPublication.aspx?download=EB17.pdf>





# COURSE DESCRIPTIONS

The following pages are courses offered in Alamance-Burlington Schools. Course description, unit of credit, and prerequisites, if applicable, are provided to help students determine the right selections during the registration period. Students are encouraged to use the graduation requirements page to ensure they are meeting minimum requirements and their course pathway suggestions to assist them in selecting the appropriate classes.



# ARTS EDUCATION

## INTRODUCTION

The N.C Art Education Essential Standards for the areas of visual arts, music (band, chorus, and orchestra), theater arts, and dance, are sequentially organized by four proficiency levels: beginning, intermediate, proficient, and advanced. These standards communicate what students should know and be able to do as a result of instruction at each proficiency level. The Arts Education program offers a hands-on approach that keeps students continuously engaged in their work. Students are able to express themselves through different media that lead to a rich cultural experience in their learning environment.

## COURSES OFFERED

- Vocal Music Beginning
- Vocal Music Intermediate
- Vocal Music Proficient (Honors)
- Music Specialization Intermediate
- Music Specialization Proficient (Honors)
- Music Specialization Advanced (Honors)
- Orchestra Beginning
- Orchestra Intermediate
- Orchestra Proficient (Honors)
- Orchestra Advanced (Honors)
- Band Beginning, Fall
- Band Intermediate, Fall
- Band Proficient (Honors), Fall
- Band Advanced (Honors), Fall
- Band Beginning, Spring
- Band Intermediate, Spring
- Band Proficient (Honors), Spring
- Band Advanced (Honors), Spring
- Percussion Ensemble Beginning
- Percussion Ensemble Intermediate
- Percussion Ensemble Proficient (Honors)
- Percussion Ensemble Advanced (Honors)
- Wind Ensemble Intermediate
- Wind Ensemble Proficient (Honors)
- Wind Ensemble Advanced (Honors)
- Jazz Ensemble Intermediate
- Jazz Ensemble Proficient (Honors)
- Jazz Ensemble Advanced (Honors)
- Advanced Placement Music Theory
- Dance Beginning
- Dance Intermediate
- Dance Proficient (Honors)
- Dance Advanced (Honors)
- Dance Company Beginning
- Dance Company Intermediate
- Dance Company Proficient (Honors)
- Dance Company Advanced (Honors)
- Choreography Beginning
- Choreography Intermediate
- Choreography Proficient (Honors)
- Choreography Advanced (Honors)
- Theatre Arts Beginning
- Theatre Arts Intermediate
- Theatre Arts Proficient (Honors)
- Theatre Arts Advanced (Honors)
- Technical Theatre Beginning
- Technical Theatre Intermediate
- Technical Theatre Proficient (Honors)
- Technical Theatre Advanced (Honors)
- Specialization in Acting Beginning
- Specialization in Acting Intermediate
- Specialization in Acting Proficient (Honors)
- Specialization in Acting Advanced (Honors)
- Independent Study in Theatre
- Visual Arts Beginning
- Visual Arts Intermediate
- Visual Arts Proficient (Honors)
- Visual Arts Advanced (Honors)
- Visual Arts Advanced (Independent Study)
- AP Studio Art
- Advanced Placement Art History
- IB Visual Art HL 1
- IB Visual Arts HL 2
- Sculpture Intermediate
- Sculpture Proficient (Honors)
- Sculpture Advanced (Honors)
- Pottery Intermediate
- Pottery Proficient (Honors)
- Pottery Advanced (Honors)



## VOCAL MUSIC: CHORUS (MIXED AND TREBLE)

### VOCAL MUSIC BEGINNING

**Course #:** 52302X0MBE / 52302X0TBE

**Course Credit:** 1 Unit

**Course Description:** This course is designed for students with limited choral experience and/or students who have not yet achieved Intermediate level course standards. Proper vocal technique, beginning music reading skills, and critical listening skills will be taught through ear training and choral singing. Students will also study how other disciplines relate to music, and will participate in performances for the school and community. Assessments for this course will be based upon the NC Essential Standards for Beginning Music.

### VOCAL MUSIC INTERMEDIATE

**Course #:** 52312X0MIN / 52312X0TIN

**Course Credit:** 1 Unit

**Prerequisite:** Beginning Level

**Course Description:** This course is designed for students with some choral experience and/or students who have not yet achieved Proficient level course standards. Proper vocal technique, intermediate music reading skills, and evaluative skills will be taught through ear training and choral singing. Students will also study how other disciplines relate to music, and will participate in performances for the school and community. Assessments for this course will be based upon the NC Essential Standards for Intermediate Music.

### VOCAL MUSIC PROFICIENT (HONORS)

**Course #:** 52325X0PHN

**Course Credit:** 1 Unit

**Prerequisite:** Intermediate Level and Audition

**Course Description:** This course is designed for students with some choral experience and/or students who have not yet achieved Advanced level course standards. Proper vocal technique, proficient music reading skills, and evaluative skills will be taught through ear training and choral singing. Students will continue to study how other disciplines relate to music, and will participate in performances for the school and community. Assessments for this course will be based upon the NC Essential Standards for Proficient Music.

## MUSIC SPECIALIZATION: CHORAL ENSEMBLE

### MUSIC SPECIALIZATION INTERMEDIATE

**Course #:** 52172X0MSI

**Course Credit:** 1 Unit

**Prerequisite:** Beginning Level Chorus and Audition

**Course Description:** This course is designed for students with some choral experience and/or students who have not yet achieved Proficient level course standards. Proper vocal technique, intermediate music reading skills, and evaluative skills will be taught through ear training and choral singing. Students will also study how other disciplines relate to music, and will participate in performances for the school and community. Assessments for this course will be based upon the NC Essential Standards for Intermediate Music.

### MUSIC SPECIALIZATION PROFICIENT (HONORS)

**Course #:** 52185X0MSP

**Course Credit:** 1 Unit

**Prerequisite:** Intermediate Level and Audition

**Course Description:** This course is designed for students with significant choral experience and/or students who have not yet achieved Advanced level course standards. Proper vocal technique, proficient music reading skills, and evaluative skills will be taught through ear training and choral singing. Students will continue to study how other disciplines relate to music, and will participate in performances for the school and community. Assessments for this course will be based upon the NC Essential Standards for Proficient Music.

### MUSIC SPECIALIZATION ADVANCED (HONORS)

**Course #:** 52195X0MSA

**Course Credit:** 1 Unit

**Prerequisite:** Proficient Level and Audition

**Course Description:** This course is designed for students with extensive choral experience and demonstrated Proficient level course standards. Proper vocal technique, advanced music reading skills, and evaluative skills will be taught through ear training and choral singing. Students will continue to study how other disciplines relate to music, and will participate in performances for the school and community. Assessments for this course will be based upon the NC Essential Standards for Advanced Music.

## ORCHESTRA

### ORCHESTRA BEGINNING

**Course #:** 52402X000S

**Course Credit:** 1 Unit

**Prerequisite:** Training on String Instruments at the Elementary and Middle School Level

**Course Description:** Beginning Orchestra is designed for students with limited orchestra experience and/or students who have not yet achieved the Intermediate level course requirements as laid out in the Beginning to Intermediate Level Change Checklist. Class will be a string orchestra setting, offering violin, viola, cello, and string bass and will include several performances for the school and community. Assessments for this course will be based upon the North Carolina Essential Standards for Beginning Music.

### ORCHESTRA INTERMEDIATE

**Course #:** 52412X000S

**Course Credit:** 1 Unit

**Prerequisite:** Orchestra

**Course Description:** Intermediate Orchestra is designed for students who have completed all of the standards for Beginning Orchestra. Prerequisites for this course include teacher recommendation and/or placement assessment using the Beginning to Intermediate Level Change Checklist. Class will be a string orchestra setting, offering violin, viola, cello, and string bass and will include several performances for the school and community. Assessments for this course will be based upon the North Carolina Essential Standards for Intermediate Music and the Orchestra Proficient Level Assessment.

### ORCHESTRA PROFICIENT (HONORS)

**Course #:** 52425X000S

**Course Credit:** 1 Unit

**Prerequisite:** Orchestra Intermediate and/or Audition

**Course Description:** Proficient Orchestra is designed for students who have completed all of the standards for Intermediate Orchestra. Prerequisites for this course include a passing score on the Orchestra Proficient Level Assessment. Class will be a string orchestra setting, offering violin, viola, cello, and string bass and will include several performances for the school and community. Assessments for this course will be based upon the North Carolina Essential Standards for Proficient Music.

### ORCHESTRA ADVANCED (HONORS)

**Course #:** 52435X000A

**Course Credit:** 1 Unit

**Prerequisite:** Orchestra Proficient (Honors)

**Course Description:** Advanced Orchestra is designed for students who have mastered all of the standards for Proficient Orchestra. Prerequisites for this course will include a portfolio of work including compositional mastery and mastery of advanced playing techniques including improvisation. Class will be a string orchestra setting, offering violin, viola, cello, and string bass and will include several performances for the school and community. This course will require students to be able to work independently on more in-depth writing, theory and solo performance projects. Assessments for this course will be based upon the North Carolina Essential Standards for Advanced Music.

## BAND

### **BAND BEGINNING, FALL**

**Course #: 52552X012F**

**Course Credit: 1 Unit**

**Prerequisite: Students with no prior Band experience will need a recommendation from the high school director prior to registration**

Course Description: This course is designed for students who have had little to no prior band experience or middle school band. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Beginning Instrumental Music.

### **BAND INTERMEDIATE, FALL**

**Course #: 52562X013F**

**Course Credit: 1 Unit**

**Prerequisite: 6-8 Middle School Band and/or private lessons with recommendation of director or Beginning Band**

Course Description: This course is designed for students who have had previous training and have completed the beginning level requirements. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Intermediate Instrumental Music.

### **BAND PROFICIENT (HONORS), FALL**

**Course #: 52575X013F**

**Course Credit: 1 Unit**

**Prerequisite: Passing performance level on the Intermediate Assessment**

Course Description: This is an advanced level course designed for students who have had previous training and have passed the Intermediate Assessment. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Proficient Instrumental Music. Additional assessments to demonstrate advanced technique will be required.

### **BAND ADVANCED (HONORS), FALL**

**Course #: 52585X013F**

**Course Credit: 1 Unit**

**Prerequisite: Passing performance level on the Proficient Assessment**

Course Description: This is an advanced level course designed for students who have had previous training and have passed the Proficient Assessment as well as completed the proficient level requirements. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Advanced Instrumental Music. Additional assessments to show advanced technique will be required.

### **BAND BEGINNING, SPRING**

**Course #: 52552X012S**

**Course Credit: 1 Unit**

**Prerequisite: Students with no prior Band experience will need a recommendation from the high school director prior to registration**

Course Description: This course is designed for students who have had little to no prior band experience or middle school band. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Beginning Instrumental Music.

### **BAND INTERMEDIATE, SPRING**

**Course #: 52562X012S**

**Course Credit: 1 Unit**

**Prerequisite: Middle School Band and/or private lessons with recommendation of director or Beginning Band**

Course Description: This course is designed for students who have had previous training and have completed the beginning level requirements. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Intermediate Instrumental Music.

### **BAND PROFICIENT (HONORS), SPRING**

**Course #: 52575X013S**

**Course Credit: 1 Unit**

**Prerequisite: Passing performance level on the Intermediate Assessment**

Course Description: This is an advanced level course designed for students who have had previous training and have passed the Intermediate Assessment. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Proficient Instrumental Music. Additional assessments to demonstrate advanced technique will be required.

### **BAND ADVANCED (HONORS), SPRING**

**Course #: 52585X013S**

**Course Credit: 1 Unit**

**Prerequisite: Passing performance level on the Proficient Assessment**

Course Description: This is an advanced level course designed for students who have had previous training and have passed the Proficient Assessment as well as completed the proficient level requirements. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Advanced Instrumental Music. Additional assessments to show advanced technique will be required.

## **MUSIC SPECIALIZATION: PERCUSSION (FALL)**

### **PERCUSSION ENSEMBLE BEGINNING**

**Course #: 52162X0PEB**

**Course Credit: 1 Unit**

**Prerequisite: Middle School Band private lessons and/or recommendation of director**

Course Description: This course is designed for students who have had previous training in percussion studies. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Beginning Instrumental Music. (Fall Only)

### **PERCUSSION ENSEMBLE INTERMEDIATE**

**Course #: 52172X0PEI**

**Course Credit: 1 Unit**

**Prerequisite: Percussion Ensemble Beginning and/or recommendation of director**

Course Description: This course is designed for students who have had previous training in percussion studies and have completed the beginning level requirements. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Intermediate Instrumental Music. (Fall Only)

## Music Specialization: Jazz

### PERCUSSION ENSEMBLE PROFICIENT (HONORS)

**Course #:** 52185X012S

**Course Credit:** 1 Unit

**Prerequisite:** Passing performance level on the Intermediate Assessment

Course Description: This course is designed for students who have had previous training in percussion studies and have passed the Intermediate Assessment. Rehearsal and performances include afternoon/ evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Proficient Instrumental Music. Additional assessments to demonstrate advanced technique will be required. (Fall Only)

### PERCUSSION ENSEMBLE ADVANCED (HONORS)

**Course #:** 52195X0MSH

**Course Credit:** 1 Unit

**Prerequisite:** Passing performance level on the Proficient Assessment

Course Description: This is an advanced level course designed for students who have had previous training in percussion and have passed the Proficient Assessment as well as completed the proficient level requirements. Rehearsal and performances include afternoon/evening rehearsals during the week, participation and performances at football games, marching band festivals, parades, and concerts. Assessments for this course will be based upon the NC Essential Standards for Advanced Instrumental Music. Additional assessments to show advanced technique will be required. (Fall Only)

## Music Specialization: Wind Ensemble

### WIND ENSEMBLE INTERMEDIATE

**Course #:** 52172X0WFI / 52172X013S

**Course Credit:** 1 Unit

**Prerequisite:** Fall Band B, Fall Band I, Spring Band B, or Spring Band I

Course Description: This course is open to all instrumental band students who have completed the prerequisite courses and wish to study advanced instrumental musical compositions and performances. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Intermediate Instrumental Music.

### WIND ENSEMBLE PROFICIENT (HONORS)

**Course #:** 52185X0WFP / 52185X013S

**Course Credit:** 1 Unit

**Prerequisite:** Wind Ensemble I and a passing performance level on the Intermediate Assessment

Course Description: This course is open to all instrumental band students who have completed the prerequisite course and assessment and wish to study advanced instrumental musical compositions and performances. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Proficient Instrumental Music. Additional assessments to demonstrate advanced technique will be required.

### WIND ENSEMBLE ADVANCED (HONORS)

**Course #:** 52195X0WFA / 52195X013S

**Course Credit:** 1 Unit

**Prerequisite:** Wind Ensemble Proficient and a passing performance level on the Proficient Assessment

Course Description: This course is open to all instrumental band students who have completed the prerequisite course and assessment and wish to study advanced instrumental musical compositions and performances. Rehearsal and performances include some afterschool rehearsals and participation in band festivals and concerts. Assessments for this course will be based upon the NC Essential Standards for Advanced Instrumental Music. Additional assessments to demonstrate advanced technique will be required.

### JAZZ ENSEMBLE INTERMEDIATE

**Course #:** 52172X014F / 52172X014S

**Course Credit:** 1 Unit

**Prerequisite:** Fall Band B, Fall Band I, Spring Band B, or Spring Band I

Course Description: This course is open to all instrumental band students who have completed the prerequisite courses and wish to study and perform various jazz styles. Rehearsal and performances include some afterschool rehearsals and participation in performances and concerts.

### JAZZ ENSEMBLE PROFICIENT (HONORS)

**Course #:** 52185X013F / 52185X014S

**Course Credit:** 1 Unit

**Prerequisite:** Jazz Ensemble Intermediate and a passing performance level on the Intermediate Assessment

Course Description: This course is open to all instrumental band students who have completed the prerequisite course and wish to study and perform various jazz styles. Rehearsal and performances include some afterschool rehearsals and participation in performances and concerts. Assessments for this course will be based upon the NC Essential Standards for Proficient Instrumental Music. Additional assessments to demonstrate advanced technique will be required.

### JAZZ ENSEMBLE ADVANCED (HONORS)

**Course #:** 52195X0EAF / 52195X0EAS

**Course Credit:** 1 Unit

**Prerequisite:** Jazz Ensemble Proficient and a passing performance level on the Proficient Assessment

Course Description: This course is open to all instrumental band students who have completed the prerequisite course and wish to study and perform various jazz styles. Rehearsal and performances include some afterschool rehearsals and participation in performances and concerts. Assessments for this course will be based upon the NC Essential Standards for Advanced Instrumental Music. Additional assessments to demonstrate advanced technique will be required.

### ADVANCED PLACEMENT MUSIC THEORY (AP MUSIC THEORY)

**Course #:** 5A017X0

**Course Credit:** 1 Unit

**Prerequisite:** Teacher recommendation and Honors/AP Criteria

Course Description: Advanced Placement Music Theory is designed for those students who wish to undertake music studies on a college level. This course will emphasize tonal harmony and its structure. Rhythmic, melodic, and harmonic dictation, as well as composition and analysis will be stressed. The advanced placement program of Music Theory is designed to provide the same benefits to secondary school students as are provided by an introductory college course in Music Theory. College credit and/or advanced placement may be received depending upon the AP examination scores.





## Dance

### DANCE BEGINNING

**Course #: 51152X0005**

**Course Credit: 1 Unit**

Course Description: This course provides a strong technique base to develop strength, flexibility and endurance, as well as an emphasis on dance as a creative art form. Students will learn technical skills from a variety of different dance forms. Students experience both the role of the choreographer and dancer with opportunities to present their work.

### DANCE INTERMEDIATE

**Course #: 51162X0005**

**Course Credit: 1 Unit**

**Prerequisite: Dance Beginning**

Course Description: This course offers intermediate students who have mastered the beginning dance standards the opportunity to continue to develop their technique, as well as express themselves through choreography. Students will also learn accurate terminology and apply it to both movement and written assignments.

### DANCE PROFICIENT (HONORS)

**Course #: 51175X0005**

**Course Credit: 1 Unit**

**Prerequisite: Dance Intermediate**

Course Description: This course offers proficient students who have mastered the intermediate standards the opportunity to continue to develop their technique, as well as express themselves through advanced choreography. Students will continue to learn accurate terminology and apply it to both movement and written assignments. Dance compositions will be studied in depth during this class.

### DANCE ADVANCED (HONORS)

**Course #: 51185X0005**

**Course Credit: 1 Unit**

**Prerequisite: Dance Proficient (Honors)**

Course Description: This course is for students who have mastered the proficient standards and wish to continue working to reach a higher level of understanding. Students will critique, analyze and interrupt dance compositions. Students will use dynamic alignment, articulation of movement and aesthetic criteria to refine advanced dance movement.

## Dance Specialization: Dance Company

### DANCE COMPANY BEGINNING

**Course #: 51252X0125**

**Course Credit: 1 Unit**

**Prerequisite: Beginning level dance and audition**

Course Description: This course is a performance-based class with special emphasis on improving dance technique. Course Description: Students will also begin to use improvisation to strengthen choreographic skills. This course provides a strong technique base to develop strength, flexibility and endurance, as well as an emphasis on dance as a creative art form. Students will learn technical skills from a variety of different dance forms. Students experience both the role of the choreographer and dancer with opportunities to present their work.

### DANCE COMPANY INTERMEDIATE

**Course #: 51262X0015**

**Course Credit: 1 Unit**

**Prerequisite: Beginning level dance and audition**

Course Description: This course is a performance-based class for students who have mastered the beginning standards. Course Description: There is special emphasis on improving dance technique in a variety of forms during this class. Students will explore improvisation and strengthen choreographic skills. This course offers intermediate students the opportunity to continue to develop their technique, as well as express themselves through choreography. Students will also learn accurate terminology and apply it to both movement and written assignments.

### DANCE COMPANY PROFICIENT (HONORS)

**Course #: 51275X0DCP**

**Course Credit: 1 Unit**

**Prerequisite: Beginning level dance and audition**

Course Description: This course is for dancers who have mastered the intermediate standards and is a performance based class with special emphasis on improving dance technique in a variety of forms. This course offers proficient students the opportunity to continue to develop their technique, as well as express themselves through advanced choreography and the use of improvisation. Students will continue to learn accurate terminology and apply it to both movement and written assignments. Dance compositions will be studied in depth during this class.

### DANCE COMPANY ADVANCED (HONORS)

**Course #: 51285X004S**

**Course Credit: 1 Unit**

**Prerequisite: Beginning level dance and audition**

Course Description: This course is for dancers who have mastered the proficient level standards. This is a performance-based class with special emphasis on improving dance technique in a variety of forms. This course is a continuation of Proficient work reaching an advanced level of understanding. Students will critique, analyze and interpret dance compositions. Students will use dynamic alignment, articulation of movement and aesthetic criteria to refine advanced dance movement.

## Dance Specialization: Choreography

### CHOREOGRAPHY BEGINNING

**Course #: 51252X0DSB**

**Course Credit: 1 Unit**

**Prerequisite: Beginning level dance and audition**

Course Description: This course focuses on multiple projects in history, choreography tools and methods, choreography challenges, critiques of various pieces, movement intention, and the exploration of communication through dance. Beginning students will be expected to generate abstracted movement and create dance sequences that vary in the use of dance elements.

### CHOREOGRAPHY INTERMEDIATE

**Course #: 51262X0DSI**

**Course Credit: 1 Unit**

**Prerequisite: Beginning level dance and audition**

Course Description: Students who are in this class should have mastered the beginning standards. This course focuses on multiple projects in history, choreography tools and methods, choreography challenges, critiques of various pieces, movement intention, and the exploration of communication through dance. Intermediate students will be expected to create dances that vary the use of dance elements and use simple choreographic principles and structures in a variety of forms.

### CHOREOGRAPHY PROFICIENT (HONORS)

**Course #: 51275X0DSP**

**Course Credit: 1 Unit**

**Prerequisite: Intermediate level dance and audition**

Course Description: Students who are in this class should have mastered the intermediate standards. This course focuses on multiple projects in history, choreography tools and methods, choreography challenges, critiques of various pieces, movement intention, and the exploration of communication through dance. Proficient students will be expected to create dances using selected dance elements, choreographic principles, structures, processes, and production elements to fill choreographic intent and meet aesthetic criteria.

### **CHOREOGRAPHY ADVANCED (HONORS)**

**Course #: 51285X0DSA**

**Course Credit: 1 Unit**

**Prerequisite: Proficient level dance and audition**

Course Description: Students who are in this class have mastered the proficient standards. This course focuses on multiple projects in history, choreography tools and methods, choreography challenges, critiques of various pieces, movement intention, and the exploration of communication through dance. Advanced students will be expected to generate innovative solutions to movement problems, personal choreography and the choreography of others. Students will create dance for performance based on ideas, experiences, feelings, concepts, images or narratives that have personal meaning or social significance.

## **Theatre Arts**

### **THEATRE ARTS BEGINNING**

**Course #: 53152X000S**

**Course Credit: 1 Unit**

Course Description: Beginning Theatre Arts promotes learning the essential vocabulary and processes of theatre, as well as reading, writing, and researching theatre literature, acting and technical theatre. In addition, students learn and reflect on aspects of theater through history and in different cultures, as well as the various forms of theater and theater-related media. This course develops creativity and spontaneity in those students wanting to explore theatre, as well as those who wish to commit to a theatre program. Students have opportunities for practical application of knowledge in informal productions.

### **THEATRE ARTS INTERMEDIATE**

**Course #: 53162X000S**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Theatre Arts or High School Theatre teacher recommendation**

Course Description: Students in the Intermediate Theatre Arts course are students who wish to continue their exploration of theatre arts. It is a more detailed study of theatre vocabulary, reading and writing of literature, acting, and technical theatre. In addition, students analyze and critique work developed by themselves or other students, as well as generated throughout history and in various cultures. This course develops students' knowledge base, expands their understanding of theatre, and begins the application of learning in forms of theatre and theatre-related media through formal and informal productions.

### **THEATRE ARTS PROFICIENT (HONORS)**

**Course #: 53175X000S**

**Course Credit: 1 Unit**

**Prerequisite: Intermediate Theatre Arts or High School Theatre teacher recommendation**

Course Description: The Proficient Theatre Arts course is for students who wish to continue to study and develop their knowledge of theatre arts on a more challenging level. This course will be a continuation of theater study and will consist of advanced, individualized work in a seminar style with in-depth research, analysis, application, and production. Areas of study will include: script writing, acting, designing, directing, researching by evaluating and synthesizing cultural and historical information to support artistic choices, comparing and integrating art forms by analyzing traditional theatre, dance, music, visual arts, and new art forms, analyzing, critiquing, and constructing meanings from informal and formal theatre, film, television, and electronic media productions, understanding context by analyzing the role of theatre, film, television, and electronic media in the past and present. In addition, students begin to practice individual analysis and reviewing of student work to develop a personal understanding of theatre arts by utilizing the knowledge base gained in previous study. Theatre 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.

### **THEATRE ARTS ADVANCED (HONORS)**

**Course #: 53185X000S**

**Course Credit: 1 Unit**

**Prerequisite: Proficient Theatre Arts or High School Theatre teacher recommendation**

Course Description: Advanced Theatre is for students who wish to complete the broad based study of theatre arts. Through more independent study and increased production responsibilities, the advanced Theatre course will be a continuation of all previously studied areas and consist of more advanced, individualized work in seminar style with in-depth research, analysis, application, and production. Analysis of theatre processes, self-motivation, personal discipline and more demanding projects in acting, directing, design, and writing are emphasized. Independent work in this course develops commitment helps students form aesthetic judgments and refines artistic choices.

## **Specialization in Theatre Arts**

### **TECHNICAL THEATRE BEGINNING**

**Course #: 53612X0TAB**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Theatre Arts or High School Theatre teacher recommendation**

Course Description: Beginning Technical Theatre is a class devoted to the study of all non-performance areas of theatre including: stages and rigging, stage safety, production staff and crews, properties, sound, set design, set construction, set painting, and lighting. Students apply practical knowledge by participating as a production staff member for formal and informal productions.

### **TECHNICAL THEATRE INTERMEDIATE**

**Course #: 53622X0TAI**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Technical Theatre or High School Theatre teacher recommendation**

Course Description: Intermediate Technical Theatre is an extension of the principles explored in Beginning Technical theatre. This class will explore a more in-depth focus in the principles of set design and construction, properties, lighting design, makeup and costume design (and construction), and also theatre management including the box office, business and publicity areas. An experience in this course will include technical directing and a student-orientated structure as well as promote the essential vocabulary and process of design and production. Students will also have a more focused study of the production aspect of Technical Theatre by choosing two complimenting focuses for the course of the semester.

### **TECHNICAL THEATRE PROFICIENT (HONORS)**

**Course #: 53635X0TAP**

**Course Credit: 1 Unit**

**Prerequisite: Intermediate Technical Theatre or High School Theatre teacher recommendation**

Course Description: Proficient Technical Theatre explores the principles explored in the previous levels of Technical Theatre in a more comprehensive manner. Students will assume more design and production responsibilities for informal / formal productions as well as focus on the design and aesthetic aspects of technical theatre. Students will use the vocabulary and experience from the previous levels to create designs in the areas of scenery, lighting, costumes, properties, sound and publicity.



### **TECHNICAL THEATRE ADVANCED (HONORS)**

**Course #: 53645X0TAA**

**Course Credit: 1 Unit**

**Prerequisite: Proficient Theatre Arts or High School Theatre teacher recommendation**

Course Description: Advanced Technical Theatre explores the principles explored in the previous levels of Technical Theatre in a more comprehensive manner. Students will assume more design and production responsibilities for department productions as well as focus on the design and aesthetic aspects of technical theatre. Students will use the vocabulary and experience from the previous levels to create designs in scenography and including sound, props and publicity/marketing. Students will have a more focused study of the design aspect of Technical Theatre by choosing two complimenting focuses for the course. This course can also include studied aspects of the following areas: play selection, auditions and casting, theatre management and stage management.

## **Theatre Arts Specialization: Acting**

### **SPECIALIZATION IN ACTING BEGINNING**

**Course #: 53612X012S**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Theatre Arts or High School Theatre teacher recommendation**

Course Description: Beginning Specialization in Acting is a class devoted to the study of all performance areas of theatre including: voice and diction, movement and body, character development and audience. Students apply practical knowledge by participating as actors and directors for formal and informal productions.

### **SPECIALIZATION IN ACTING INTERMEDIATE**

**Course #: 53622X0SAI**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Specialization in Acting or High School Theatre teacher recommendation**

Course Description: Intermediate Specialization in Acting is an extension of the principles explored in Beginning Specialization in Acting. This class will explore a more in-depth focus in the principles of diction, rhythms, melody, dramatic action and play structure, emotion and character, blocking and stage business and performance practices. Students apply practical knowledge by participating as actors and directors for formal and informal productions.

### **SPECIALIZATION IN ACTING PROFICIENT (HONORS)**

**Course #: 53635X0SAP**

**Course Credit: 1 Unit**

**Prerequisite: Intermediate Specialization in Acting or High School Theatre teacher recommendation**

Course Description: Proficient Specialization in Acting explores the principles explored in the previous levels of the Specialization in Acting in a more comprehensive manner. Students will use the vocabulary and experience from the previous levels to create characters and productions in the areas of voice, body and ensemble.

### **SPECIALIZATION IN ACTING ADVANCED (HONORS)**

**Course #: 53645X0SAA**

**Course Credit: 1 Unit**

**Prerequisite: Proficient Specialization in Acting or High School Theatre teacher recommendation**

Course Description: Advanced Specialization in Acting explores the principles explored in the previous levels of Advanced Acting in an exhaustive style. Analysis of theatre processes, self-motivation, personal discipline and more demanding projects in voice, directing, movement, beats, objectives, actions, blocking and dramatic action are emphasized. Independent work in this course develops commitment helps students form aesthetic judgments and refines artistic choices. Students will also study different acting approaches and styles such as Misner and Stanislavski.

### **INDEPENDENT STUDY IN THEATRE**

**Course #: 53612X014B/ 53622X014I / 53635X014P**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Theatre Arts or High School Theatre teacher recommendation**

Course Description: An independent study or practicum in theatre arts is intended for students who wish to study a particular area of theatre that is either not offered in one of the current classes, or to get a more in depth study of an area that is covered in one of the other levels of theatre. While lower level theatre classes typically focuses on the vocabulary and technique of the desired areas, the focus /goal of this class is centered around the experience of the process as well as the theatrical product. The nature of this course is to study fewer areas of theatre, however, to cover each area in a more hands on manner. Much of the class will be centered around different theatrical labs that are set up to help students grasp the different areas of study. An experience in this course will find a much quicker pace and a more in depth study of the content areas. Students enrolled in this course will be placed in either: beginning, intermediate, proficient or an advanced level after completing an audition or interview. Possible topics for this course are Directing, Play Production, Theatre History and other specialized studies.

## **Visual Arts**

### **VISUAL ARTS BEGINNING**

**Course #: 54152X000S**

**Course Credit: 1 Unit**

Course Description: This course is designed to explore fundamentals in media, styles and techniques, which lead to personal expression. This course provides the opportunity for students to work in areas such as drawing, painting, printmaking, and art history. Students will develop critical thinking skills in written and verbal art critiques.

### **VISUAL ARTS INTERMEDIATE**

**Course #: 54162X000S**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Visual Art and/or Visual Arts Teacher Recommendation or Portfolio/Interview**

Course Description: This course provides for further development of the concepts and skills taught in Beginning Visual Arts with more intense study of composition and elements of design as applied in two and three dimensional forms.

### **VISUAL ARTS PROFICIENT (HONORS)**

**Course #: 54175X000S**

**Course Credit: 1 Unit**

**Prerequisite: Intermediate Visual Art and/or Visual Arts Teacher Recommendation or Portfolio/Interview**

Course Description: This course is a concentrated study of a variety of media designed to give the serious art student a chance to further develop interests and skills in art. In addition to class work, students participating in the Proficient Visual Arts program will be required to do the following: keep a journal/diary each nine weeks, visit a museum/gallery/exhibit and turn in a one-page critique of the visit, and a one-page factual report on one artist or style of art included in the exhibit, complete an independent project rendered on the style/technique of an artist of the student's own choosing, along with research about the artist and his/her style, and finally, participate in two extra competition/exhibits outside of regular class assignments.



## **VISUAL ARTS ADVANCED (HONORS)**

**Course #: 54185X0VAA**

**Course Credit: 1 Unit**

**Prerequisite: Proficient Visual Art and Visual Arts Teacher Recommendation or Portfolio/Interview**

Course Description: This course aids the student in becoming more proficient in the use of media and materials, and in developing skills by allowing him/her to work more independently. The student will be given the chance to develop his/her portfolio and prepare for post-secondary opportunities in art. This course provides for further development of the concepts taught in Proficient Visual Arts. Honors students are expected to fulfill a contract with the teacher in order to meet the requirements of the class. In addition to class work, students participating in the Proficient Visual Arts program will be required to do the following: keep a journal/diary each nine weeks, visit a museum/gallery/exhibit and turn in a one-page critique of the visit, and a one-page factual report on one artist or style of art included in the exhibit, complete an independent project rendered on the style/technique of an artist of the student's own choosing, along with answering research questions about the artist and his/her style, and finally, participate in two extra competition/exhibits outside of regular class assignments.

## **VISUAL ARTS ADVANCED (INDEPENDENT STUDY)**

**Course #: 54645X013A**

**Course Credit: 1 Unit**

**Prerequisite: Advanced Visual Art and Visual Arts Teacher Recommendation or Portfolio/Interview**

Course Description: Students will be working more independently on projects that focus on specific periods and movements of art. Honors students are expected to fulfill a contract with the teacher in order to meet the requirements of the class. They will also develop their portfolio while preparing for post-secondary opportunities in art. In addition to class work, students participating in the Proficient Visual Arts program will be required to do the following: keep a journal/diary each nine weeks, visit a museum/gallery/exhibit, and turn in a one-page critique of the visit, and a one-page factual report on one artist of style of art included in the exhibit, complete an independent project rendered on the style/technique of an artist of the student's own choosing, along with answering research questions about the artist and his/her style, and finally, participate in two extra competition/exhibits outside of regular class assignments.

## **AP STUDIO ART**

**Course #: 5A027X0 / 5A037X0 / 5A047X0**

**Course Credit: 1 Unit**

**Prerequisite: Proficient and/or Advanced Art and Teacher Recommendation**

Course Description: The Advanced Placement Art program enables highly motivated students to do college-level work in studio while still in high school. AP Art is not based on written examinations: instead, candidates submit a portfolio of work for evaluation at the end of the school year. Advanced Placement work involves significantly more time and commitment than most high school courses. Therefore, the program is intended for students seriously committed to studying art. Students participating in the program should strive to produce high quality artwork, and their submitted portfolios should reflect this effort. College credit and/or advanced placement may be received depending on the AP examination scores. AP Art courses are available in 2-D Design, 3-D Design or Drawing Portfolios.

## **ADVANCED PLACEMENT ART HISTORY (AP ART HISTORY)**

**Course #: 5A007X0**

**Course Credit: 1 Unit**

**Prerequisite: Proficient and/or Advanced Level Visual Art**

Course Description: The AP Art History course prepares students for the AP Art History Exam. The course covers art from the Paleolithic period through postmodernism and is designed to provide students with the same material covered in an introductory college course in art history. Students gain knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students engage in both visual and historical study about art and its contexts. Writing skills will be important in the description, analysis, and comparison of works of art from the art periods and styles.

## **IB VISUAL ART HL 1**

**Course #: 5I098X0A**

**Course Credit: 1 Unit**

**Prerequisite: 2 semesters of prior Art (WWH Students Only)**

Course Description: Designed for highly motivated students who are seriously interested in the study of art. The foundation of the course is based on the guidelines on the IB Art/Design program including portfolio and research workbook development.

## **IB VISUAL ARTS HL 2**

**Course #: 5I098X0B**

**Course Credit: 1 Unit**

**Prerequisite: IB Visual Art HL 1 (WWH Students Only)**

Course Description: Designed for highly motivated students who are seriously interested in the study of art and have completed IB Visual Arts HL 1. The foundation of the course is based on the guidelines on the IB Visual Arts program including portfolio and research workbook development. Counts as a Group 6 elective and one of the HL level courses.

## **Visual Arts Specialization: Sculpture**

### **SCULPTURE INTERMEDIATE**

**Course #: 54622X0VAI**

**Course Credit: 1 Unit**

**Prerequisite: Beginning Level Visual Art**

Course Description: This course will combine the traditions of the past with the technology of today to create three-dimensional works of art, inspired from a wide range of sources. Students will learn additive and subtractive techniques as they work with a variety of tools and materials. From abstract to realistic, relief to free standing, projects will stir the imagination and present challenges.

### **SCULPTURE PROFICIENT (HONORS)**

**Course #: 54635X0VAP**

**Course Credit: 1 Unit**

**Prerequisite: Intermediate Visual Art Specialization in Sculpture**

Course Description: This course is designed for students who have a desire to learn more in-depth techniques in sculpture. Projects will enhance students' knowledge and challenge them on a larger scale. Students will work with a variety of materials and discover concepts of well-known sculptors throughout time.

### SCULPTURE ADVANCED (HONORS)

Course #: 54645X0VAA

Course Credit: 1 Unit

Prerequisite: Proficient Visual Art Specialization in Sculpture

Course Description: This advanced level sculpture course is designed for students who wish to continue to experience three-dimensional forms on a higher level. They will work with more challenging concepts and transform a variety of materials.

## Visual Arts Specialization: Pottery

### POTTERY INTERMEDIATE

Course #: 54622X0POI

Course Credit: 1 Unit

Prerequisite: Beginning Visual Art

Course Description: This course is designed for students who want the opportunity to create in clay using 3 dimensional hand-building techniques. Students will experience different styles and functions of pottery by exploring art history as well as contemporary artists. Pottery Intermediate will introduce different glazing methods, different pottery tools and different firing processes. Projects will help students understand and appreciate how pottery has been an integral part of cultures around the world.

### POTTERY PROFICIENT (HONORS)

Course #: 54635X0VSP

Course Credit: 1 Unit

Prerequisite: Intermediate Visual Art Specialization

Course Description: Pottery Proficient continues skills learned in Intermediate with an introduction to the potter's wheel. A continuation of the historical and cultural perspective of the process and medium will be included with an emphasis on the work of individual ceramic artists. Students will be working in a collaborative but independent atmosphere where they are encouraged to explore different techniques and processes. Students are expected to keep a daily journal, visit a museum/gallery/exhibit and turn in a one-page critique of the visit as well as a one-page factual report on one artist or style of art included in the exhibit. Students will also complete an independent project rendered on the style/technique of an artist chosen by the student, and finally, participate in two extra competitions/exhibits outside of regular class assignments.

### POTTERY ADVANCED (HONORS)

Course #: 54645X0VSA

Course Credit: 1 Unit

Prerequisite: Proficient Visual Art Specialization

Course Description: Advanced Pottery continues skills learned in Proficient with a concentration on wheel throwing and advanced hand building techniques. Artist research and exploration is integrated into the creating process as well as the alternate glaze and firing techniques. A continuation of the historical and cultural perspective of the process and medium will be included with an emphasis on the work of local individual ceramic artists. Students are expected to keep a daily journal, visit a museum/gallery/exhibit and turn in a one-page critique of the visit as well as a one-page factual report on one artist or style of art included in the exhibit. Students will also complete an independent project rendered on the style/technique of an artist chosen by the student, and finally, participate in two extra competitions/exhibits outside of regular class assignments.





# CAREER AND TECHNICAL EDUCATION







## ALAMANCE-BURLINGTON SCHOOL SYSTEM CAREER CLUSTERS

# 2022-2023

Agriculture, Food & Natural Resource	Architecture & Construction	Arts, AV Technology & Communications	Business Management & Administration	Finance	Health Science
Agricultural Mechanics I <sup>^</sup> Agricultural Mechanics II Honors* Animal Science I Animal Science II – Companion Animal <sup>^</sup> Horticulture I <sup>^</sup> Horticulture II <sup>^</sup> Horticulture II – Turf Grass Management <sup>^</sup> Food & Nutrition I <sup>^</sup> Food Science & Technology Honors* Natural Resources I CTE Advanced Studies CTE Apprenticeship CTE Internship	Construction Core Carpentry I Carpentry II Honors* Carpentry III Honors Drafting I <sup>^</sup> Drafting –Architectural II Honors* Drafting –Architectural III Honors Interior Design Fundamentals <sup>^</sup> Interior Design Studio* CTE Advanced Studies CTE Apprenticeship CTE Internship	Digital Media <sup>^</sup> Advanced Digital Media <sup>^</sup> Digital Design & Animation I Digital Design & Animation II* Game Art and Design <sup>^</sup> Advanced Game Art and Design <sup>^</sup> CTE Advanced Studies CTE Apprenticeship CTE Internship	Entrepreneurship I Entrepreneurship II Honors* CTE Advanced Studies CTE Apprenticeship CTE Internship	Accounting I <sup>^</sup> Accounting II Honors* Business Essentials Financial Planning I Financial Planning II* CTE Advanced Studies CTE Apprenticeship CTE Internship  <b>Academy of Finance at Williams High School</b> NAF Principles of Finance NAF Financial Services NAF Business Economics NAF Entrepreneurship NAF Insurance NAF Business in a Global Economy IB Business Management (AP)	Biomedical Technology * Health Science I Health Science II* Nursing Fundamentals and Practicum Honors CTE Advanced Studies CTE Apprenticeship CTE Internship
<b>Supplemental Courses</b> Agriscience Applications Career Management Microsoft Word & PowerPoint <sup>^</sup> Business Essentials Principles of Family & Human Services	<b>Supplemental Courses</b> Career Management Microsoft Word & PowerPoint <sup>^</sup> Principles of Family & Human Services	<b>Supplemental Courses</b> Career Management Entrepreneurship I Microsoft Word & PowerPoint <sup>^</sup>	<b>Supplemental Courses</b> Career Management Microsoft Excel Honors Microsoft Word & PowerPoint <sup>^</sup> Business Essentials	<b>Supplemental Courses</b> Career Management Microsoft Excel Honors Microsoft Word & PowerPoint <sup>^</sup>	<b>Supplemental Courses</b> Career Management Microsoft Word & PowerPoint <sup>^</sup> Business Essentials

Students who take related courses in a pathway will be considered a CTE Concentrator after the completer (\* ) level course. For most pathways, students may complete with two courses, others may require three related courses. See your High School Career Development Coordinator or Counselor for more information.

Supplemental courses count towards graduation requirements, but do not count towards pathway calculation. These courses provide students access to career pathways skills. They may be introductory in nature or reinforce skills learned in the pathway.

Courses eligible for Honors optional credit are designated by <sup>^</sup> symbol. Courses that are inherently Honors credit are listed in the course title. Updated 12.13.21

Hospitality & Tourism	Human Services	Informational Technology	Law & Public Safety	Manufacturing	Science, Technology, Engineering & Math	Transportation, Distribution & Logistics
<p>Culinary Arts &amp; Hospitality I Culinary Arts &amp; Hospitality II Applications Culinary Arts &amp; Hospitality III* Culinary Arts &amp; Hospitality IV Applications Sport &amp; Event Marketing I Sport &amp; Event Marketing II Honors*</p> <p>CTE Advanced Studies CTE Apprenticeship CTE Internship</p>	<p>Child Development Food &amp; Nutrition I^ Food &amp; Nutrition II^ Food Science and Technology Honors CTE Advanced Studies CTE Apprenticeship CTE Internship</p> <p><u>Career and College Promise</u> EDU 131 Child, Family &amp; Community EDU 151 Creative Activities EDU 153 Health, Safety &amp; Nutrition EDU 157 Active Play EDU 119 Intro to Early Childhood</p>	<p>AP Computer Science (AP) CompTIA IT Fundamentals Computer Engineering Technology I Honors Computer Engineering Technology II Honors* Computer Science I Computer Science II Microsoft Word &amp; PowerPoint^ Python Programming I^ Python Programming II CTE Advanced Studies CTE Apprenticeship CTE Internship</p>	<p><u>Fire Academy at Graham High School</u> Firefighter Tech I Firefighter Tech II* Firefighter Tech III Honors Emergency Medical Technology I Emergency Medical Technology II Honors* CTE Advanced Studies CTE Apprenticeship CTE Internship</p>	<p><u>Career and College Promise</u> ISC 132 Quality Control MAC 141 Machining Applications I DFT 154 Intro to Solid Modeling MAC 142 Machining Applications CTE Advanced Studies CTE Apprenticeship CTE Internship</p>	<p>Drafting I^ Drafting – Engineering II Honors* Drafting – Engineering III Honors Technology Engineering &amp; Design Technological Design* Engineering Design* CTE Advanced Studies CTE Apprenticeship CTE Internship</p>	<p>Automotive Services Fundamentals Automotive Service I Automotive Service II Honors* Automotive Services III Honors Entrepreneurship I CTE Advanced Studies CTE Apprenticeship CTE Internship</p>
<p><u>Supplemental Courses</u> Career Management Entrepreneurship I Food &amp; Nutrition I^ Microsoft Excel Honors Microsoft Word &amp; PowerPoint^</p>	<p><u>Supplemental Courses</u> Career Management Microsoft Word &amp; PowerPoint^ Principles of Family &amp; Human Services PowerPoint^</p>	<p><u>Supplemental Courses</u> Career Management Microsoft Excel Honors Microsoft Word &amp; PowerPoint^</p>	<p><u>Supplemental Courses</u> Career Management Health Science I Microsoft Word &amp; PowerPoint^ Public Safety I</p>	<p><u>Supplemental Courses</u> Career Management Microsoft Word &amp; PowerPoint^</p>	<p><u>Supplemental Courses</u> Career Management Microsoft Word &amp; PowerPoint^</p>	<p><u>Supplemental Courses</u> Career Management Microsoft Word &amp; PowerPoint^</p>

Students who take related courses in a pathway will be considered a CTE Concentrator after the completer (\*) level course. For most pathways, students may complete with two courses, others may require three related courses. See your High School Career Development Coordinator or Counselor for more information.

Supplemental courses count towards graduation requirements, but do not count towards pathway calculation. These courses provide students access to career pathways skills. They may be introductory in nature or reinforce skills learned in the pathway.

Courses eligible for Honors optional credit are designated by ^ symbol. Courses that are inherently Honors credit are listed in the course title. Updated 12.13.21

## INTRODUCTION

### CAREER AND TECHNICAL EDUCATION (CTE) PREPARES STUDENTS FOR A CAREER AND COLLEGE

All students benefit from both a strong academic foundation and specialized technical skills needed to be successful in today's world. Career and Technical Education (CTE) provides students with the opportunity for a focused course of study related to his/her career goal. CTE courses may be combined with required academic courses to assist students as they prepare to attend a two or four-year degree program, go directly into the workforce, or enlist in the military. CTE provides students the opportunity to earn honors and AP weight, receive industry mentoring during an Internship or Apprenticeship and earn industry-recognized credentials while in high school.

### Agriculture, Food & Natural Resources

#### AGRICULTURAL MECHANICS I

**Course #: AS312X0**

**Course Credit: 1 Unit**

Course Description: Develops knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. Topics include agricultural mechanics safety, hand/power tool use and selection, electrical wiring and metal working. \*This course is eligible for Honors weight.

#### AGRICULTURAL MECHANICS II HONORS

**Course #: AS325X0**

**Course Credit: 1 Unit**

**Prerequisite: Agricultural Mechanics I**

Course Description: Expands upon the topics introduced in Agricultural Mechanics I. Topics include advanced welding and metal cutting skills, plastics, metal fabrication and hot/cold metal working skills. \*This course is Honors weight.

#### ANIMAL SCIENCE I

**Course #: AA212X0**

**Course Credit: 1 Unit**

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

#### ANIMAL SCIENCE II – COMPANION ANIMAL

**Course #: AA232X0**

**Course Credit: 1 Unit**

**Prerequisite: Animal Science I**

Course Description: This course focuses on animal welfare, safe handling practices, nutrition, digestion, breeding, grooming, care, classification, and the history of the companion animal industry. Leadership development and employability skills are integral to the course and are delivered through authentic experiences.

#### HORTICULTURE I

**Course #: AP412X0**

**Course Credit: 1 Unit**

Course Description: Introduces students to the broad field of horticulture, including fruits, vegetables, and ornamental plants. The classroom, greenhouse, and outdoor laboratory are used for instruction where emphasis is placed on "learning by doing." \*This course is eligible for Honors weight.

#### HORTICULTURE II

**Course #: AP422X0**

**Course Credit: 1 Unit**

**Prerequisite: Horticulture I**

Course Description: Expands on the scientific and communication skills needed in the horticulture field. Practical application of concepts is an integral part of the course. \*This course is eligible for Honors weight.

#### HORTICULTURE II-TURF GRASS

**Course #: AP432X0**

**Course Credit: 1 Unit**

**Prerequisite: Horticulture I**

Course Description: This course provides instruction in turf management and production as it relates to lawn care, golf course management and landscaping. Practical application of the concepts taught is an integral part of the course. \*This course is eligible for Honors weight.

#### NATURAL RESOURCES I

**Course #: AN512X0**

**Course Credit: 1 unit**

**Prerequisite: NONE**

Course Description: This course provides an introduction to environmental studies, which includes topics of instruction in renewable and non-renewable natural resources, history of the environment, personal development, water and air quality, waste management, land use regulations, soils, meteorology, fisheries, forestry, and wildlife habitat.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Agriscience Applications
- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Food and Nutrition I
- Food Science and Technology Honors
- Microsoft Word and PowerPoint
- Business Essentials
- Principles of Family and Human Services

### Architecture & Construction

#### CARPENTRY I

**Course #: IC212X0 / IC212X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: Construction Core**

Course Description: This course builds on the previous course and allows for skill development in using hand and power tools, reading plans, and understanding various building materials. This course helps prepare students for the National Center for Construction Education and Research (NCCER) certification and is taught by an NCCER certified instructor.

#### CARPENTRY II HONORS

**Course #: IC225X0 / IC225X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: Carpentry I**

Course Description: This course continues to allow for the development of carpentry skills in the areas of roofing, drywall installation, and exterior finishing. This course helps prepare students for the National Center for Construction Education and Research (NCCER) certification and is taught by an NCCER certified instructor. \*This course is Honors weight.

#### CARPENTRY III HONORS

**Course #: IC235X0**

**Course Credit: 1 Unit**

**Prerequisite: Carpentry II**

Course Description: This is the final course in the carpentry sequence and introduces more advanced skills such as rigging and working with concrete. This course helps prepare students for the National Center for Construction Education and Research (NCCER) certification and is taught by an NCCER certified instructor. \*This course is Honors weight.



## CONSTRUCTION CORE

**Course #:** IC002X0 / IC002X0CTC

**Course Credit:** 1 Unit

**Course Description:** This course covers basic carpentry terminology and develops technical aspects of carpentry with an emphasis on the development of introductory skills. Students will also explore the emerging field of sustainable construction. This course helps prepare students for the National Center for Construction Education and Research (NCCER) certification and is taught by an NCCER certified instructor.

## DRAFTING-ARCHITECTURAL II HONORS

**Course #:** IC625X0

**Course Credit:** 1 Unit

**Prerequisite:** Drafting I

**Course Description:** This course focuses on the principles, concepts, and use of complex drawing tools used in the field of architecture, structural systems and construction. Emphasis is placed on the use of CAD to create floor plans, wall sections, and elevation drawings. Mathematics, science, and visual design concepts are reinforced. \*This class is Honors weight.

## DRAFTING-ARCHITECTURAL III HONORS

**Course #:** IC635X0

**Course Credit:** 1 Unit

**Prerequisite:** Drafting-Architectural II

**Course Description:** This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of computer assisted design (CAD) tools in the design and execution of site and foundation plans as well as topographical information and detail drawings. \*This course is Honors weight.

## INTERIOR DESIGN FUNDAMENTALS

**Course #:** FI212X0

**Course Credit:** 1 Unit

**Course Description:** This course focuses on housing needs and options of individuals and families at various stages of the life cycle. Emphasis is placed on selecting goods and services and creating functional, pleasing living environments using sound financial decisions and principles of design. \*This course is eligible for Honors weight.

## INTERIOR DESIGN STUDIO

**Course #:** FI222X0

**Course Credit:** 1 Unit

**Prerequisite:** Interior Design I or Interior Design Fundamentals

**Course Description:** This course is designed for students wishing to pursue a career in interior design. Students will deepen their understanding of design fundamentals and theory by designing interior plans to meet the living space needs of individuals or families. Topics include application of design theory to interior plans and production, selection of materials and examination of business procedures.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Drafting I
- Microsoft Word and PowerPoint
- Principles of Family and Human Services

## Arts, AV Technology & Communications

### ADVANCED GAME ART AND DESIGN

**Course #:** TS322X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** Game Art Design

**Course Description:** This course is a continuation in the study of game design and interactivity. Emphasis is placed on visual design, evaluating, scripting and networking protocols, and legal issues as well as 3D visual theory. Students compile a game portfolio. Advanced topics include the use of audio and visual effects, rendering, modeling, and animation techniques. Students work in collaborative teams to develop a final 3D game project. \*This course is eligible for Honors weight.

### ADVANCED DIGITAL MEDIA

**Course #:** IA322X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** Digital Media

**Course Description:** This course provides students with more advanced knowledge in the digital and interactive media industry. Emphasis is placed on the fundamental concepts of graphic design, a variety of digital media technologies, non-linear editing, and product development and design. \*This course is eligible for Honors weight.

### DIGITAL MEDIA

**Course #:** IA312X0CTC

**Course Credit:** 1 Unit

**Course Description:** This course provides students with industry knowledge and skills in the digital media design field. Areas covered include graphics, animation, video, and web design. \*This course is eligible for Honors weight.

### DIGITAL DESIGN & ANIMATION I

**Course #:** TS242X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** None

**Course Description:** Digital Design and Animation I is an introductory level course focusing on the concepts and tools used by digital artists in a wide variety of creative careers including graphic design, film, and game design. Students work with professional-grade creative software packages to develop 2D and 3D digital graphics and audio/video media. Students use Adobe CC Suite, and digital 3D modeling with 3DS Max to build needed skills for subsequent courses.

### DIGITAL DESIGN & ANIMATION II

**Course #:** TS252X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** TS24 Digital Design & Animation I

**Course Description:** Digital Design and Animation II emphasizes the use of industry-standard digital technology and media to help students develop the artistic and technical skills necessary to plan, analyze, and create visual solutions to 21st Century communications problems. Students engage in digital art activities using professional-grade creative software packages to develop complex 2D and 3D digital graphics and audio/video media. Students apply Adobe CC Suite and 3DS Max skills to industry-related activities and projects, mirroring workplace scenarios.

### GAME ART AND DESIGN

**Course #:** TS312X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** Scientific & Technical Visualization I OR Digital Design and Animation I

**Course Description:** This course will focus on the principles used in game design, including mathematical and virtual modeling. Students will develop physical and virtual games using a variety of software. Emphasis will be placed on the process of game development and ethics. \*This course is eligible for Honors weight.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Entrepreneurship I
- Microsoft Word and PowerPoint

## Business Management & Administration

### ENTREPRENEURSHIP II HONORS

**Course #:** ME125X0

**Course Credit:** 1 Unit

**Prerequisite:** Entrepreneurship I

**Course Description:** In this course, students continue the development of a business idea and develop an understanding of pertinent decisions to be made for business positioning, financing, staffing, and profit planning. Students acquire in-depth understanding of business regulations, risks, management, and marketing and will develop a business plan. \*This course is Honors weight.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Career Management
- Entrepreneurship I
- Microsoft Excel Honors
- Microsoft Word and PowerPoint
- Principles of Business and Finance

## Finance

### ACCOUNTING I

**Course #:** BA102X0

**Course Credit:** 1 Unit

**Course Description:** This course is designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on analysis and the 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. \*This course is eligible for Honors weight.

### ACCOUNTING II HONORS

**Course #:** BA205X0

**Course Credit:** 1 Unit

**Prerequisite:** Accounting I

**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. \*This course is Honors weight.

### IB BUSINESS MANAGEMENT SL

**Course #:** BI508X0

**Course Credit:** 1 Unit

**Prerequisites:** Principles of Business AND Accounting I

**Corequisite:** Accounting 2

**Note:** WWH Students Only

**Course Description:** Business Management is a rigorous, challenging and dynamic course that is centered on five central topics: Business Organization and Environment, Human Resources, Accounting and Finance, Marketing, and Operations Management. The course studies business functions, management processes and decision-making in contemporary contexts of strategic uncertainty. It examines how business decisions are influenced by factors internal and external to an organization, and how these decisions impact upon its stakeholders, both internally and externally. Business Management also explores how individuals and groups interact within an organization, how they may be successfully managed and how they can ethically optimize the use of resources in a world with increasing scarcity and concern for sustainability.

### FINANCIAL PLANNING I

**Course #:** BF212X0

**Course Credit:** 1 Unit

**Prerequisite:** Principles of Business & Finance

**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 #:** BF222X0

**Course Credit:** 1 Unit

**Prerequisite:** Financial Planning I

**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.

### NAF AOF CN10/CN18

**Course #:** CN022X0

**Course Credit:** 1 Unit

**Prerequisite:** Acceptance into the Williams High School Finance Academy

**Course Description:** The NAF AOF CN10/CN18 course is a combination of the Principles of Finance and the Financial Services courses designed by the National Academy Foundation. Principles of Finance gives students a thorough introduction to the concepts, tools, and institutions of finance and serves as a foundation for the core courses offered by the Academy of Finance. This course begins with the basics of financial literacy and the function of finance in society and examines financial institutions and the role of finance in organizations. Financial Services provides students with an overview of banks and other financial services companies. The course begins by introducing students to the origins of money and banking, and then examines the early history of banking in the United States.

### NAF AOF CN11/CN14

**Course #:** CN032X0

**Course Credit:** 1 Unit

**Prerequisite:** Finance Academy I or NAF AOF CN10/CN18

**Course Description:** The NAF AOF CN11/CN14 course is a combination of the Business Economics and the Entrepreneurship courses designed by the National Academy Foundation. Business Economics introduces students to the key concepts of economics as they pertain to business. This course discusses the American economy and the factors that influence the success of businesses and products. Entrepreneurship introduces students to the critical role entrepreneurs play in the national and global economy. Students learn the skills, attitudes, characteristics, and techniques necessary to become successful entrepreneurs. They explore starting a business and learn about the operational issues and financial risks that new businesses face.

## NAF AOF CN15/CN16

**Course #:** CN042X0

**Course Credit:** 1 Unit

**Prerequisite:** Finance Academy II or NAF AOF CN11/CN14

**Course Description:** The NAF AOF CN15/CN16 course is a combination of the Insurance and the Business in a Global Economy courses designed by the National Academy Foundation. The Insurance course introduces students to the insurance industry and to its critical role in the financial services sector and in society. It covers common types of insurance, including life, health and disability, property, liability, and forms of commercial insurance. Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally – and to the potential opportunities and markets that are lost to firms that choose not to do business in the global marketplace. Students explore cultural, economic, and political differences that affect business operations and decision-making. Students study the business strategies that enable companies to compete effectively in a global economy.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Microsoft Excel Honors
- Microsoft Word and PowerPoint
- Business Essentials

## Health Science

### BIOMEDICAL TECHNOLOGY

**Course #:** HB112X0 / HB112X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** HU40 Health Science I

**Course Description:** This course challenges students to investigate current medical and health care practices using technology and advances in health care research. Topics include ethics, forensic medicine, infectious diseases, organ transplants, cell biology and cancer, and biomedical research. English language arts and science are reinforced in this course.

### HEALTH SCIENCE II

**Course #:** HU422X0 / HU422X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** Health Science I

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

### NURSING FUNDAMENTALS AND PRACTICUM HONORS

**Course #:** HN435X0 / HN435X0CTC

**Course Credit:** 2 Units

**Prerequisite:** Health Science II

**Course Description:** This course is designed for students who are interested in medical careers where personal care and basic nursing skills are used. It is an enhanced adaptation of the North Carolina Division of Health Science Regulation Nurse Aide I curriculum. Students may take the National Nurse Aide Assessment after completing this course and be listed in the North Carolina NA Registry. If students are virtual, this course will be replaced in schedules with Public Health Fundamentals and Fundamentals of Gerontology due to face-to-face requirements of the credential skills component. \*This course is Honors weight.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Health Science I
- Microsoft Word and PowerPoint
- Principles of Business and Finance

## Hospitality & Tourism

### CULINARY ARTS AND HOSPITALITY I

**Course #:** FH102X0CTC

**Course Credit:** 1 Unit

**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. Students must also register for FH11.

### CULINARY ARTS AND HOSPITALITY II APPLICATIONS

**Course #:** FH112X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** FH10 Culinary Arts & Hospitality I

**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. Students must also register for FH10.

### CULINARY ARTS AND HOSPITALITY III

**Course #:** FH132X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** FH11 Culinary Arts & Hospitality II Applications

**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. Students must also register for FH14.

### CULINARY ARTS AND HOSPITALITY IV APPLICATIONS

**Course #:** FH142X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** FH13 Culinary Arts & Hospitality III

**Course Description:** This course is designed for students to demonstrate their knowledge and skills in advanced food preparation, garde manger, baking and pastry, and food service operations by planning and executing the program's school-based enterprise. The experience includes students preparing and selling a variety of meat, poultry, and seafood entrées served with accompaniments and sauces and yeast breads, desserts, and pastries, while applying human relations management, menu planning, and food service purchasing and receiving. Students must also register for FH13.

### SPORT & EVENT MARKETING I

**Course #:** MH312X0

**Course Credit:** 1 Unit

**Course Description:** In this course, students are introduced to sport and event industries. Students will develop an understanding of marketing, branding, promotion, media, and marketing data as they relate to the sport and event industries.



## SPORT & EVENT MARKETING II HONORS

**Course #:** MH325X0

**Course Credit:** 1 Unit

**Prerequisite:** Sports & Entertainment Marketing I

**Course Description:** In this course, students will apply their knowledge of promotion and marketing for the sport and event industries. The topics to be covered are the marketing environment, promotional activities, communications, product-mix strategies and financial and economic impacts. \*This course is Honors weight.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Entrepreneurship I
- Food and Nutrition I
- Microsoft Excel Honors
- Microsoft Word and PowerPoint

## Human Services

### CHILD DEVELOPMENT

**Course #:** FE602X0

**Course Credit:** 1 Unit

**Course Description:** This course introduces students to responsible nurturing and basic application of child development theory, beginning with prenatal development up to children age 5. Areas of study include effects of family on individuals and society; prenatal development and care; understanding how children develop; and care of infants, toddlers, and preschoolers.

### FOOD AND NUTRITION II

**Course #:** FN422X0

**Course Credit:** 1 Unit

**Prerequisite:** Food and Nutrition I

**Course Description:** 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. Food safety and sanitation receive special emphasis, with students preparing to take the exam for the ServSafe Credential from the National Restaurant Association. \*This course is eligible for Honors weight.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Food and Nutrition I
- Food Science and Technology Honors
- Microsoft Word and PowerPoint
- Principles of Family and Human Services

**\*\*See "ACC Career & College Promise" section for additional courses in this cluster**

## Information Technology

### AP COMPUTER SCIENCE

**Course #:** 2A027X0CTC

**Course Credit:** 1 Unit

**Course Description:** Advanced Placement Computer Science is a course with emphasis on programming methodology, algorithms, and data structures. Programming assignments will stress the need for particular algorithms and data structures. JAVA will be the language used to develop the required skills. Students are expected to take the AP examination. The student may earn college credit for successful completion of the course and AP examination.

### COMPTIA IT FUNDAMENTALS

**Course #:** BI122X0 & BI122X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** None

**Course Description:** This course is designed for students to develop knowledge and skills required to identify and explain the basics of computing, IT infrastructure, application and software, software development, database fundamentals, and security. The course is also designed for students to develop the ability to demonstrate knowledge and skills to install software, establish basic network connectivity, identify or prevent basic security risks, explain troubleshooting theory, and provide preventative maintenance for devices.

### COMPUTER ENGINEERING TECHNOLOGY I HONORS

**Course #:** II215X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** CompTIA IT Fundamentals

**Course Description:** This course includes the skills required for installing and maintaining hardware. It includes objectives in the following five domains, a) PC Hardware, b) Networking, c) Laptops, d) Printers, and e) Operational Procedures. English language arts, mathematics, and science are reinforced. This course helps prepare students for the CompTIA A+ credential. \*This course is Honors weight.

### COMPUTER ENGINEERING TECHNOLOGY II HONORS

**Course #:** II225X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** Computer Engineering Technology I

**Course Description:** This course includes operating systems and troubleshooting (including troubleshooting of hardware). It includes the following four domains, a) Operating Systems, b) Security, c) Mobile Devices, and d) Troubleshooting. This course helps prepare students for the CompTIA A+ credential. \*This course is Honors weight.

### COMPUTER SCIENCE I

**Course #:** BP412X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** None

**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 in CSP include computing as a creative activity, abstraction, facilitating knowledge creation through computing, algorithms, problem-solving, the Internet, and the global impact of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play.

## COMPUTER SCIENCE II

**Course #:** BP422X0CTC

**Course Credit:** 1 Unit

**Prerequisite:** BP41 Computer Science I

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

## PYTHON PROGRAMMING I

**Course #:** BP142X0

**Course Credit:** 1 Unit

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

## PYTHON PROGRAMMING II

**Course #:** BP162X0CTC

**Course Credit:** 1 Unit

**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.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Microsoft Excel Honors
- Microsoft Word and PowerPoint

## Law & Public Safety

### FIREFIGHTER TECHNOLOGY I

**Course #:** IP312X0

**Course Credit:** 1 Unit

**Prerequisite:** None

**Course Description:** This course covers part of the NC Firefighter certification modules required for all Firefighters in North Carolina. The modules include: Orientation, Communications, Health and Safety, PPE, Building Construction, Portable Extinguishers, Fire Behavior, Tools and Forcible Entry, and Loss Control.

### FIREFIGHTER TECHNOLOGY II

**Course #:** IP322X0

**Course Credit:** 1 Unit

**Prerequisite:** IP31 Firefighter Technology I

**Course Description:** This course covers part of the NC Firefighter certification modules required for all firefighters in North Carolina. The modules include: Ladders, Ventilation, Ropes & Knots, Search & Rescue, Water Supplies & Hose & Streams & Appliances, and Emergency Medical Care. This course prepares students for the North Carolina firefighter certification modules.

### FIREFIGHTER TECHNOLOGY III HONORS

**Course #:** IP335X0

**Course Credit:** 1 Unit

**Prerequisite:** IP32 Firefighter Technology II

**Course Description:** This course covers part of the NC Firefighter certification modules required for all firefighters in North Carolina. The modules include: Rescue, Fire Detection and Suppression Systems, Fire and Life Safety Initiatives, Mayday, HM (HAZMAT) Ops, and TIMS. This course prepares students for the North Carolina firefighter certification modules. \*This course is Honors weight.

### EMERGENCY MEDICAL TECHNOLOGY I

**Course #:** IP212X0

**Course Credit:** 1 Unit

**Prerequisite:** English II

**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.

### EMERGENCY MEDICAL TECHNOLOGY II HONORS

**Course #:** IP225X0

**Course Credit:** 1 Unit

**Prerequisite:** English III AND Emergency Medical Technology I

**Course Description:** This course is aligned to the EMT Basic certification available from the North Carolina Office of Emergency Medical Services and is part II 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. \*This course is Honors weight.

### PUBLIC SAFETY I

**Course #:** IP112X0

**Course Credit:** 1 Unit

**Prerequisite:** None

**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.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Health Science I
- Microsoft Word and PowerPoint

## Manufacturing

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Microsoft Word and PowerPoint

**\*\*See ACC Career & College Promise Section for additional courses in this cluster**

## Science, Technology, Engineering & Math

### DRAFTING-ENGINEERING II HONORS

**Course #: IV225X0**

**Course Credit: 1 Unit**

**Prerequisite: Drafting I**

Course Description: This course focuses on engineering graphics by introducing the students to symbol libraries, industry standards and sectional techniques. Topics include coordinate systems, principles of machine processes and gearing, and the construction of 3-D wireframe models using computer assisted design (CAD). \*This class is Honors weight.

### DRAFTING-ENGINEERING III HONORS

**Course #: IV235X0**

**Course Credit: 1 Unit**

**Prerequisite: Drafting-Engineering II**

Course Description: This course introduces the student to advanced engineering concepts. Using CAD tools, topics studied include descriptive geometry, geometrical tolerancing, and advanced engineering design concepts such as surface and solid modeling. \*This course is Honors weight.

### ENGINEERING DESIGN

**Course #: TE132X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: TE12 Technology Engineering & Design**

Course Description: This course focuses on how engineers apply their creativity, resourcefulness, mathematical, scientific, and technical knowledge, and skills in the creation or refinement of technological products/systems. A key approach will be the employment of a sophisticated, sequential, and iterative design and development process to solve authentic engineering tasks/problems. Students will be challenged to participate as members of engineering teams within a typical business organization. Independent and group work will be reflective of authentic engineering projects found in the designed world. Student performance within this structure will be assessed in numerous and diverse ways. It is important to note that measurement of student performance will be reflective of actual professional engineering evaluative processes currently used in this career field. Major topics, or chapters, will be included to organize instruction of appropriate standards and benchmarks and reflect contemporary engineering industry practices.

### TECHNOLOGICAL DESIGN

**Course #: TE122X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: TE11 Technology Engineering & 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 research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics.

## TECHNOLOGY ENGINEERING & DESIGN

**Course #: TE112X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: None**

Course Description: This course prepares students to understand and apply technological concepts and processes that are the cornerstone for the high school technology program. Group and individual activities engage students in creating ideas, developing innovations, and engineering practical solutions. Technology content, resources, and laboratory/classroom activities apply student applications of science, mathematics, and other school subjects in authentic situations. This course focuses on the three dimensions of technological literacy knowledge, ways of thinking and acting, and capabilities with the goal of students developing the characteristics of technologically literate citizens. It employs teaching/learning strategies that enable students to explore and deepen their understanding of "big ideas" regarding technology and makes use of a variety of assessment instruments to reveal the extent of understanding.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- Career Management
- CTE Advanced Studies
- CTE Apprenticeship
- CTE Internship
- Drafting I
- Microsoft Word and PowerPoint

## Transportation, Distribution & Logistics

### AUTOMOTIVE SERVICE I

**Course #: IT162X0 / IT162X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: Introduction to Automotive Services or Automotive Services 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 #: IT175X0 / IT175X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: Automotive Service I**

Course Description: This course builds on the knowledge and skills introduced in Automotive Service I and develops advanced knowledge and skills in vehicle system repair and/or replacement of components in the brakes, electrical systems, drivetrain, engine, HVAC and steering & suspension systems, emphasizing hands-on experience. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. This course helps prepare students for the Automotive Service Excellence (ASE) certification in Maintenance and Light Repair (MLR-G1). \*This course is Honors weight.

### AUTOMOTIVE SERVICE III HONORS

**Course #: IT185X0 / IT185X0CTC**

**Course Credit: 1 Unit**

**Prerequisite: Automotive Service II**

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 NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. This course helps prepare students for the Automotive Service Excellence (ASE) certification in Maintenance and Light Repair (MLR-G1). \*This course is Honors weight.



## **AUTOMOTIVE SERVICES FUNDAMENTALS**

**Course #:** IT112X0 / IT112X0CTC

**Course Credit:** 1 Unit

**Course Description:** This course introduces automotive safety, basic automotive terminology, system and component identification, knowledge and introductory skills in hand tools, shop equipment, basic servicing, and use of service information. Also, careers and various job opportunities in the automotive repair industry will be discussed. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements.

**\*\*See "CTE Course in more than one Cluster" section for more detail on the following courses also in this cluster:**

- **Career Management**
- **CTE Advanced Studies**
- **CTE Apprenticeship**
- **CTE Internship**
- **Entrepreneurship I**
- **Microsoft Word and PowerPoint**

## **CTE Course in more than one Cluster**

The following CTE courses count in more than one Cluster area. They are listed in the Cluster title if they align to that Cluster, but the course details are only listed in this section.

### **AGRISCIENCE APPLICATIONS**

**Course #:** AU102X0

**Course Credit:** 1 Unit

**Course Description:** Instruction integrates biological and physical sciences with technology as related to the environment, natural resources, food production, science and agribusiness.

### **CAREER MANAGEMENT**

**Course #:** CC452X0 / CC452X0CTC

**Course Credit:** 1 Unit

**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.

### **CTE ADVANCED STUDIES**

**Course #:** 99359X03 / 99359X03CT

**Course Credit:** 1 Unit

**Prerequisites:** Two (2) technical credits in one Career Cluster

**Course Description:** This culminating course for juniors and seniors must augment the content of the completer course and prepare students for success in transitioning to postsecondary education and future careers. Requirements of the course are writing a research paper, producing a product, developing a portfolio and delivering a presentation.

### **CTE APPRENTICESHIP**

**Course #:** 99359X04 / 99359X04CT

**Course Credit:** 1 Unit

**Prerequisites:** Two (2) technical credits in a Career Cluster

**Course Description:** An apprenticeship, or pre-apprenticeship, through the North Carolina Department of Labor allows students to earn hours and credit toward an adult apprenticeship. This course is appropriate for occupations that do not require a college degree but require a high level of skill and knowledge.

### **CTE INTERNSHIP**

**Course #:** 99359X05 / 99359X05CT

**Course Credit:** 1 Unit

**Course Description:** The CTE internship allows for additional development of career and technical competencies beyond the classroom. Internships are exploratory in nature and allow the student to participate in daily operations, perform certain job tasks and develop direct contact with job personnel.

## **DRAFTING I**

**Course #:** IC612X0

**Course Credit:** 1 Unit

**Course Description:** Introduction to the nature of drafting and employment opportunities. This course includes basic familiarization with terms and tools of the drafting trade, practice in geometric construction, orthographic projections, and Computer Assisted Drafting (CAD). \*This course is eligible for Honors weight.

## **ENTREPRENEURSHIP I**

**Course #:** ME112X0

**Course Credit:** 1 Unit

**Course Description:** In this course, students evaluate the concepts of going into business for themselves and working for or operating a small business. They become acquainted with channel management, pricing, product/service management, and promotion. 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 will be introduced to the Lean Canvas Business Model (LCBM) throughout the course.

## **FOOD AND NUTRITION I**

**Course #:** FN412X0

**Course Credit:** 1 Unit

**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. \*This course is eligible for Honors weight.

## **FOOD SCIENCE AND TECHNOLOGY HONORS**

**Course #:** FN435X0

**Course Credit:** 1 Unit

**Prerequisites:** Food and Nutrition I AND Environmental Science or Physical Science or Biology or Chemistry

**Course Description:** This course explores the food industry from the farm to the table using skills in food science, technology, engineering, and mathematics. Government regulations, emerging trends, biotechnology, and technological career opportunities from scientists to technicians will be presented. The student examines production, processing, preparation, preservation, and packaging principles along the farm to table continuum. The student begins to understand how food technology affects the food that he/she eats. \*This course is Honors weight.

## **HEALTH SCIENCE I**

**Course #:** HU402X0 / HU402X0CTC

**Course Credit:** 1 Unit

**Course Description:** This course is developed to focus on human anatomy, physiology, and human body diseases and disorders, and recognizing and responding to first aid emergencies. Students will learn about healthcare careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course.

## **MICROSOFT EXCEL HONORS**

**Course #:** BM205X0

**Course Credit:** 1 Unit

**Prerequisite:** None

**Course Description:** Students will learn to use the latest version of Microsoft Excel to create, enhance, customize and share spreadsheets. Students will have the opportunity to become certified as a Microsoft Office Specialist in Excel. \*This course is Honors weight.

## **MICROSOFT WORD AND POWERPOINT**

**Course #:** BM102X0

**Course Credit:** 1 Unit

**Course Description:** Students will learn to use the latest version of Microsoft Word, PowerPoint and Publisher to create, enhance, customize and share documents, presentations and publications. Students will have the opportunity to become certified as a Microsoft Office Specialist in Word and PowerPoint. \*This course is eligible for Honors weight.

## BUSINESS ESSENTIALS

Course #: BF102X0 / BF105X0

Course Credit: 1 Unit

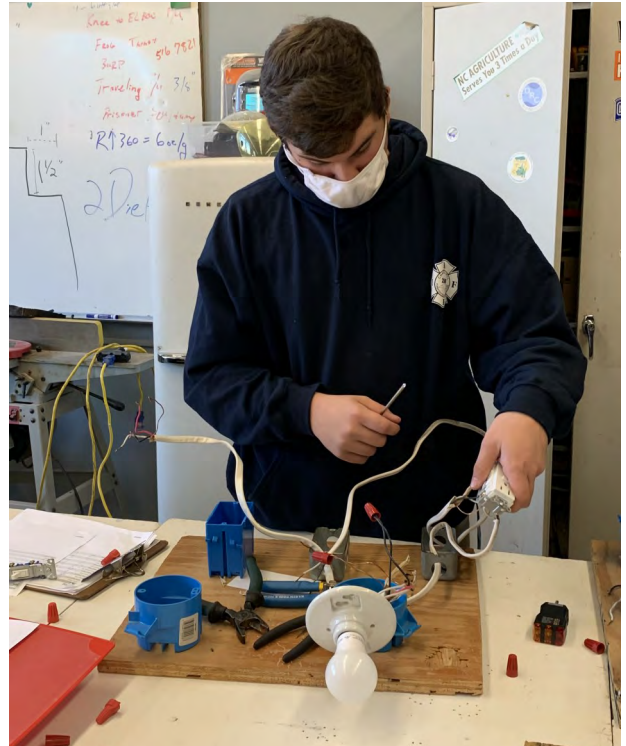
**Course Description:** This course will introduce students to realistic business and finance principles by examining fundamental economic concepts, the business environment, and primary business activities. Through workplace scenarios and problem-based learning, students will explore business ethics, customer relations, economics, financial analysis, human resources management, information management, marketing, operations, and business technology. \*This class is eligible for Honors weight.

## PRINCIPLES OF FAMILY & HUMAN SERVICE

Course #: FC112X0

Course Credit: 1 Unit

**Course Description:** Students learn core functions of the human services field; individual, family, and community systems; and life literacy skills for human development. Emphasis is placed on professional skills, human ecology, diversity, analyzing community issues, and life management skills. Activities engage students in exploring various helping professions, while building essential life skills they can apply in their own lives to achieve optimal wellbeing.



# ENGLISH

## INTRODUCTION

Language and literature are the content of an integrated English Language Arts program. The study of these areas includes 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.

## COURSES OFFERED

- Literacy Academy
- English I
- English I Honors
- English II
- English II Honors
- English III
- English III Honors
- AP English III Language and Composition
- English IV
- English IV Honors
- AP English IV Literature and Composition
- Yearbook Publication
- Yearbook Publication Honors
- Journalism
- Creative Writing
- Speech and Debate I
- Speech and Debate II
- IB English III HL
- IB English IV HL

### Possible English Sequence

	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7
<b>Sequence A</b>	Literacy Academy	English I	English IIA	English II	English IIIA	English III	English IV
<b>Sequence B</b>	Literacy Academy	English I	English II	English III	English IV		
<b>Sequence C</b>	English I	English II	English III	English IV			
<b>Sequence D</b>	English I Honors	English II Honors	English III Honors or AP	English IV Honors or AP			



## LITERACY ACADEMY

**Course #: 10252X0LAC**

**Course Credit: 1 Unit**

Course Description: Literacy Academy is designed to assist students in mastering the prerequisite skills necessary for success in English I. Emphasis is placed on developing the literacy skills of reading and writing. Students will follow this course with English I. This course provides one unit of elective credit, but does not count as one of the four English credits required to graduate meeting the future-ready core requirements.

## ENGLISH I

**Course #: 10212X0**

**Course Credit: 1 Unit**

Course Description: This academic course is designed for the student who aspires to post-secondary college or vocational experience. A survey of literary types, 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. While emphasis is placed on communicating for purposes of personal expression, students also engage in meaningful communication for expressive, expository, argumentative, and literary purposes. Students should expect homework assignments and/or compositions that reinforce classroom instruction.

## ENGLISH I HONORS

**Course #: 10215X0**

**Course Credit: 1 Unit**

Course Description: This honors course is designed to challenge students and prepare them for a postsecondary experience. It concentrates on developing reading, writing, and critical thinking skills through an intensive survey of literary types 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.

## ENGLISH IIA

**Course #: 10252X0E2A**

**Course Credit: 1 Unit**

Course Description: English IIA is designed to assist students in mastering the prerequisite skills necessary for success in English II. Emphasis is placed on further developing the literacy skills of reading and writing. Students will follow this course with English II. This course provides one unit of elective credit, but does not count as one of the four English credits required to graduate meeting the future-ready core requirements.

## ENGLISH II

**Course #: 10222X0**

**Course Credit: 1 Unit**

Course Description: This academic world literature course is designed for the student who aspires to post-secondary college or vocational experience. 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 #: 10225X0**

**Course Credit: 1 Unit**

Course Description: This honors course is designed to challenge students and prepare them for a postsecondary 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 IIIA

**Course #: 10252X0E3A**

**Course Credit: 1 Unit**

Course Description: English IIIA is designed to assist students in mastering the prerequisite skills necessary for success in English III. Emphasis is placed on further developing the literacy skills of reading and writing. Students will follow this course with English III. This course provides one unit of elective credit, but does not count as one of the four English credits required to graduate meeting the future-ready core requirements.

## ENGLISH III

**Course #: 10232X0**

**Course Credit: 1 Unit**

Course Description: This academic American literature course is designed for the student who aspires to post-secondary college or vocational experience. 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.

## ENGLISH III HONORS

**Course #: 10235X0**

**Course Credit: 1 Unit**

Course Description: This honors course is designed to challenge students and prepare them for a postsecondary 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.



## **AP ENGLISH III LANGUAGE AND COMPOSITION**

**Course #: 1A007X0**

**Course Credit: 1 Unit**

Course Description: This college-level course provides an analytical and historical study of language and rhetoric in a comprehensive program of reading, writing, and critical thinking. As preparation to take the Advanced Placement Test in Language and Composition, students read, discuss, analyze, and write about challenging works of recognized textual merit to develop honest, concise, and effective use of language and the ability to organize ideas in a clear, coherent, and persuasive way. Independent rhetorical analysis and a total mastery of writing skills are goals of the course. Because this course meets the needs of academically gifted or highly motivated advanced students who hope to bypass introductory courses in composition and literature when they enter college, students in an AP course should expect assignments and instruction paced at the college level. Students are expected to take the English III AP Language and Composition Examination. The student may earn college credit for successful completion of the course and AP examination.

## **ENGLISH IV**

**Course #: 10242X0**

**Course Credit: 1 Unit**

Course Description: This academic European literature 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.

## **ENGLISH IV HONORS**

**Course #: 10245X0**

**Course Credit: 1 Unit**

Course Description: This honors course is designed to challenge students and prepare them for a postsecondary experience. This fourth English course concentrates on developing reading, writing, and critical thinking skills through an intensive study of selected British 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.

## **AP ENGLISH IV LITERATURE AND COMPOSITION**

**Course #: 1A017X0**

**Course Credit: 1 Unit**

Course Description: This college-level course provides an analytical and historical study of British and world literature in a comprehensive program of reading, writing, and critical thinking. As preparation to take the Advanced Placement Test in Literature and Composition, students read, discuss, analyze, and write about challenging works of recognized literary merit to develop honest, concise, and effective use of language and the ability to organize ideas in a clear, coherent, and persuasive way. Independent literary analysis and a total mastery of writing skills are goals of the course. Because this course meets the needs of academically gifted or highly motivated advanced students who hope to bypass introductory courses in composition and literature when they enter college, students in an AP course should expect assignments and instruction paced at the college level. Students are expected to take the English IV AP Literature and Composition Examination. The student may earn college credit for successful completion of the course and AP examination.

## **YEARBOOK PUBLICATION**

**Course #: 10252X0YBP**

**Course Credit: 1 Unit**

Course Description: Grade level requirements differ widely from school to school (see individual school's registration sheets). This course teaches the fundamentals of producing a high school yearbook. These fundamentals include photography, copywriting, advertising and sales, layout design, and desktop publishing. Enrollment is usually limited to the number of students needed to accomplish tasks required for creation, publication, and delivery of school yearbooks. Prior approval by the advisor of the school's yearbook staff is recommended.

## **YEARBOOK PUBLICATION HONORS**

**Course #: 10255X0YPH**

**Course Credit: 1 Unit**

**Prerequisite: Yearbook Publication**

Course Description: Students in Yearbook Honors are the primary editors of the school yearbook and are in charge of the day-to-day operation of the publication. As a part of a team that manages production and finances of the publication, these students are required to sell advertising for the yearbook. These students continue to study and implement layout and design as they plan, write, edit, and publish the school yearbook as well as become effective leaders as they serve in a supervisory role. Students will use technology daily, including the Internet, to produce, publish, and update individual or shared writing products and will master page production on the publisher's website. Students must also be willing to work after school to ensure that the yearbook meets its deadlines. Honors credit is awarded through portfolio preparation, participation in state, regional and/or local workshops, staff training, and competencies in publishing and photojournalism. The course is only available to seniors and is a yearlong course.

## **JOURNALISM**

**Course #: 10312X0**

**Course Credit: 1 Unit**

Course Description: Grade level requirements differ widely from school to school (see individual school's registration sheets). This course teaches the fundamentals of producing a high school newspaper. The study of journalism will include the basics of news writing, a brief history of journalistic ethics, and libel laws. Students will compose and produce various school publications. Opportunities will be provided for involvement in the media community beyond the classroom. Students should have skills in the areas of photography, keyboarding, and writing. Prior approval by the advisor is recommended.

## **CREATIVE WRITING**

**Course #: 10252X0CWR**

**Course Credit: 1 Unit**

Course Description: This is an introductory level course designed to familiarize students with modern creative writing. The focus of this course is on the establishment of developed critical reading habits and creative responses to a wide variety of prompts, from poetry and prose, in terms of self-generated work. Students will write extensively and create a portfolio of work. Revision of written work is stressed, as are the formal elements of creative writing.

## **SPEECH AND DEBATE I**

**Course #: 10142X0**

**Course Credit: 1 Unit**

Course Description: This course will offer students an opportunity to discover and develop their public speaking abilities. Students will learn how to effectively deliver a speech in front of an audience, and they will analyze famous speeches (both past and present) while incorporating proven techniques into their own presentations. The second half of the course will focus on the art of debate, including making arguments, refutations, and utilizing rhetorical devices.

## **SPEECH AND DEBATE II**

**Course #: 10152X0**

**Course Credit: 1 Unit**

Course Description: Speech and Debate II is a course which offers students the opportunity to further develop their public speaking skills, both informative and persuasive. As this is fundamentally a skill-based class, students will be taught a plethora of techniques to enhance their oral communication. The first quarter is designed to challenge students with a variety of speaking activities with varying purposes, audiences, and intents; the second quarter primarily focuses on attaining success while speaking in a variety of debate styles.

## **IB ENGLISH III HL**

**Course #: 11038X0**

**Course Credit: 1 Unit**

**Prerequisite: Must be an IB Diploma Candidate (WWH)**

Course Description: Through the intensive study of language with emphasis on world literature in a variety of genres, each course provides students with the opportunity to become aware of diverse cultural experiences common to man in his world. By examining the authors' craft and the wide range of experiences and emotions presented in the various works, the students will expand higher order thinking skills, develop effective oral and written communications, and cultivate an appreciation of and respect for diverse viewpoints.

## **IB ENGLISH IV HL**

**Course #: 11018X0**

**Course Credit: 1 Unit**

**Prerequisite: Must be an IB Diploma Candidate (WWH)**

Course Description: This course will provide students a continued study of poetry, drama, and world literature. Emphasis is on oral commentary and preparation for the external assessments. Upon completion of this course, students will be able to execute perceptive literary criticism with refinement and maturity and also will be able to display a discerning appreciation of themes, content, and style of the authors' works.





# ENGLISH AS A SECOND LANGUAGE

## INTRODUCTION

The goal for English as a Second Language (ESL) is to develop the English language proficiency necessary for academic success. The outcome is to support and transition English Learners from the ESL program towards HS graduation. Students will be administered an annual ACCESS proficiency test that will indicate their Service Level and appropriate level of the ESL elective course(s) they will be required to take as described in the ABSS Language Instruction Education Plan (LIEP).

## COURSES OFFERED

- ESL Level IA
- ESL Level IB
- ESL Level IIA
- ESL Level IIB
- ESL Level III
- ESL Level IV
- College and Career Readiness (CCR) for ELs

### ESL LEVEL IA

**Course #: 10382X0E1A**

**Course Credit: 1 Unit**

**Prerequisite: None**

Course Description: This course is for Comprehensive Level ELs, new to the English Language, within the first year in U.S. schools. The course will focus on the listening, reading, speaking and writing skills in English to give them a language and academic foundation to prepare their transition to content area classes. It is also an introduction to U.S. schools and American culture. Course offered during the Fall semester with continuous intake as newcomers arrive in the district.

### ESL LEVEL IB

**Course #: 10382X0E1B**

**Course Credit: 1 Unit**

**Prerequisite: None (preferred ESL Level 1A)**

Course Description: This course is for Comprehensive Level LEPs, new to the English Language, within the first year in U.S. schools. The course will focus on the listening, reading, speaking and writing skills in English to give them a language and academic foundation to prepare their transition to content area classes. It is also an introduction to U.S. schools and American culture. Course offered during the Spring semester with continuous intake as newcomers arrive in the district.

### ESL LEVEL IIA

**Course #: 10382X0E2A**

**Course Credit: 1 Unit**

**Prerequisite: ESL Level IA or IB**

Course Description: This course is a continuation of ESL Level IA and/or Level IB for Comprehensive/ Supportive Level ELs who are within the first two-three years in US schools and beginning to understand language and use it in a growing capacity. The course will include a focus on listening, speaking, reading and writing skills to help students progress in social and academic contexts in English. An increased instructional focus on the WIDA Standards of the Language of ELA, Math, Science, and Social Studies will be integrated. Teacher created and district organized ESL Curriculum Thematic Units will be integrated that align with grade level content standards and topics.

### ESL LEVEL IIB

**Course #: 10382X0E2B**

**Course Credit: 1 Unit**

**Prerequisite: ESL Level IA or IB**

Course Description: This course is for Comprehensive/ Supportive Level ELs who are in the process of further developing language skills pertaining to familiar topics, whose language needs are in comprehending and using academic vocabulary in English. The course will focus on listening, speaking, reading and writing skills to help students progress in social and academic contexts in English. An increased instructional focus on the WIDA Standards of the Language of ELA, Math, Science, and Social Studies will be integrated. Teacher created and district organized EL Curriculum Thematic Units will be integrated that align with grade level content standards and topics.

### ESL LEVEL III

**Course #: 10382X0EL3**

**Course Credit: 1 Unit**

**Prerequisite: ESL Level II or Recommendation by ESL teacher**

Course Description: This course is a continuation of ESL Level II and it is for Supportive Level ELs. These students participate well in most everyday situations. This course would include a focus on further developing listening, speaking, reading and writing skills to help students progress mainly in academic context in the core content areas. The instructional focus is on the WIDA Standards of the Language of ELA, Math, Science, and Social Studies that will be integrated. Teacher created and district organized EL Curriculum Thematic Units will be integrated that align with grade level content standards and topics.

### ESL LEVEL IV

**Course #: 10382X0EL4**

**Course Credit: 1 Unit**

**Prerequisite: Level III or Recommendation from the ESL teacher/content teacher**

Course Description: This course is for Supportive/Transitional ELs whose academic language skills are expanding. These students need support with high school grade level literary text and academic writing. The course will emphasize reading and writing skills to help students succeed in academic contexts in the core content areas. Teacher created and district organized EL Curriculum Thematic Units will be integrated that align with grade level content standards and topics.

### COLLEGE AND CAREER READINESS (CCR) FOR ELs

**Course #: 10252X0ARW**

**Course Credit: 1 Unit**

**Prerequisite: Level IV or recommendation from content and/or ESL teacher**

Course Description: This course is for Junior and Senior ELs at the Supportive Level and above. It will often be the final EL Elective course these ELs will take in high school. This course will place emphasis on career exploration; self-assessment of characteristics, interests, values; education; evaluation of career information and creation of a career plan. In addition, a focus on financial literacy to set lifestyle goals in education and career choice.

# HEALTH & PHYSICAL EDUCATION

## INTRODUCTION

The North Carolina Standards for Physical Development and Health allow our students the opportunity to enhance their health and well-being. Comprehensive physical development and health programs offer potential for enhancing the capacity of students' minds and bodies. The goals and standards for physical development and health skills are identifying short- and long-term goals, following directions, and working cooperatively with others.

## COURSES OFFERED

- Health and Physical Education
- Physical Education I
- Physical Education II
- Physical Education III
- Physical Fitness
- Sports Education I
- Sports Education II
- Sports Medicine I
- Sports Medicine II

### HEALTH AND PHYSICAL EDUCATION

**Course #: 60492X0**

**Course Credit: 1 Unit**

Course Description: Physical Education and Health 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.

### PHYSICAL EDUCATION I

**Course #: 60292X0PE1**

**Course Credit: 1 Unit**

Course Description: Physical Education is a required course designed to develop physically, mentally, socially and emotionally healthy citizens. In Physical Education, students have the opportunity to participate in team and individual sports, as well as leadership opportunities. Physical fitness is emphasized.

### PHYSICAL EDUCATION II

**Course #: 60292X0PE2**

**Course Credit: 1 Unit**

**Prerequisites: Health and Physical Education/Health and Freshman Seminar and Physical Education I**

Course Description: Students will have an opportunity to participate in activities that they are introduced to in Health and Physical Education. Some of the activities may include team sports such as basketball, volleyball, and soccer, as well as individual sports such as tennis and badminton.

### PHYSICAL EDUCATION III

**Course #: 60292X0PE3**

**Course Credit: 1 Unit**

**Prerequisite: Physical Education II**

Course Description: Students will have a chance to expand their activities that they are introduced to in Physical Education II. Some of the activities may include team and individual sports. Leadership, social skills, and physical fitness are emphasized.

### PHYSICAL FITNESS

**Course #: 60292X0PHF**

**Course Credit: 1 Unit**

**Prerequisites: Health and Physical Education/Health and Freshman Seminar and Physical Education I**

Course Description: This course stresses development through daily exercises and activities in a planned fitness program. Students will learn proper techniques for weightlifting, flexibility exercises, and toning and conditioning through cardiovascular exercises. Emphasis is placed on improving strength, agility, endurance, speed, and cardiovascular through highly organized training. Measurement of the progress is determined by increase in strength in proportion to the student's body and times for cardiovascular endurance.

### SPORTS EDUCATION I

**Course #: 60292X0SE1**

**Course Credit: 1 Unit**

**Prerequisites: Health and Physical Education/Health and Freshman Seminar and Physical Education I**

Course Description: This course is designed to give students a total experience in sports which are popular throughout our culture. Students will participate in competition, which will be in a full season format. Officiating and keeping statistics will be an aspect of the class, as well as emphasizing leadership and sportsmanship. Field trips to local high school, college and professional games may be offered to enhance the learning experience. Some of the activities may include (but are not limited to): volleyball, flag football, badminton, ping-pong, water polo, racquetball, basketball, soccer, whiffle ball, and golf.

### SPORTS EDUCATION II

**Course #: 60292X0SE2**

**Course Credit: 1 Unit**

**Prerequisite: Sports Education I**

Course Description: This course is designed to give students a total experience in sports which are not prevalent throughout our culture. Students will participate in competition, which will be in a full season format. Officiating and keeping statistics will be an aspect of the class, as well as emphasizing on leadership and sportsmanship. Field trips to local high school, college and professional games may be offered to enhance the learning experience. Some of the activities may include (but are not limited to): team handball, disc golf, ultimate football, ping-pong, water volleyball, handball, one-pitch softball, and bowling.





## SPORTS MEDICINE I

Course #: 60632X0

Course Credit: 1 Unit

Prerequisites: Health and Physical Education, Health and Freshman Seminar and Physical Education I

Course Description: This course is an introduction to sports medicine as a profession and the role of an athletic trainer. This course covers basic human anatomy, physiology, and kinesiology principles focusing on specificity of training methods, sports related injuries, and rehabilitation methods. This course will include field trips to sports medicine treatment facilities and guest speakers. Basic sports medicine principles will be introduced.

## SPORTS MEDICINE II

Course #: 60642X0

Course Credit: 1 Unit

Prerequisites: Sports Medicine I, Biology

Course Description: The Sports Medicine II class will build on knowledge gained from Sports Medicine I and Biology (prerequisites.) The curriculum would include injury management, rehabilitation, therapeutic modalities, legal aspects of athletic training, nutrition, skin conditions, medical terminology, advanced athletic anatomy, taping, event preparation, conditioning, first aid, cardiopulmonary resuscitation, and the use of automatic external defibrillation. Instruction would be given through a variety of methods. These would include lecture, laboratory experiments, guest speakers, and hands-on activities. Technology would also be used in instruction as well as during classroom activities. Opportunities to gain athletic field experience and real life medical experience would be offered.





# MATHEMATICS

## INTRODUCTION

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 4 math courses. These courses include NC Math 1, NC Math 2, NC Math 3, PLUS a fourth mathematics course to be aligned with the students' after-high-school plans. Students seeking to complete the minimum application requirements for entrance to the UNC system must successfully complete 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. Course sequences may not be offered at all ABSS high schools each semester. Please contact your school guidance department to determine specific course offerings.



## COURSES OFFERED

- Introductory Mathematics
- Foundations of NC Math 1
- NC Math 1
- NC Math 1 Honors
- Foundations of NC Math 2
- NC Math 2
- NC Math 2 Honors
- Foundations of NC Math 3
- NC Math 3
- NC Math 3 Honors
- NC Math 4
- NC Math 4 Honors
- Discrete Mathematics for Computer Science
- Discrete Mathematics for Computer Science Honors
- CCRG Math
- Pre-Calculus Honors
- Calculus Honors
- AP Calculus (AB)
- AP Calculus (BC)
- AP Statistics
- IB Mathematics Applications and Interpretation SL
- IB Mathematics Analysis and Approaches SL

*The courses below need to be assigned by a school counselor/administrator at each school.*

- Alternate Mathematics I
- Alternate Mathematics II

## ABSS High School Mathematics Sequence for Freshman Entering 2022 -2023

**To graduate meeting Future-Ready Core Requirements and Math Rigor Indicator Status:**

- All students must take and pass four math courses (Math 1, 2 & 3); plus a fourth mathematics course that is aligned with their after high school plans.
- Students seeking to complete the minimum application requirements for entrance to the UNC System must successfully complete four mathematics courses, which include a mathematics course with Math 3 as a prerequisite.
- Math elective courses are available to prepare students as needed to meet the required graduation courses.
- If a student is demonstrating unusual difficulty in mastering mathematical concepts, a school may determine that alternative math courses are necessary in order to meet graduation requirements via math substitution.
- It is highly recommended that students take one math course per year.
- Course sequences may not be offered at all ABSS high schools each semester. Please contact your school guidance office with questions.



Denotes final course that must be completed in order to meet FRC math requirements.

	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8
<b>Sequence A</b>	Introductory Math	Foundations of NC Math 1.	NC Math 1	Foundations of NC Math 2	NC Math 2	Foundations of NC Math 3	NC Math 3	NC Math 4 CCRG Math CTE 4th Math Sub Course
<b>Sequence B</b>	Foundations of NC Math 1	NC Math 1	Foundations of NC Math 2	NC Math 2	NC Math 3	NC Math 4 Discrete Math with Computer Applications CTE 4th Math Sub Course		
<b>Sequence C</b>	NC Math 1	NC Math 2	NC Math 3	NC Math 4 Discrete Math with Computer Applications	AP Statistics			
	NC Math 1 Honors	NC Math 2 Honors	NC Math 3 Honors	NC Math 4 Honors Discrete Math with Computer Applications Honors Pre-Calculus Honors	Calculus Honors			
<b>Sequence D</b>	NC Math 2 Honors	NC Math 3 Honors	Pre-Calculus Honors	Calculus Honors AP Calculus AB AP Calculus BC	<i>This sequence assumes that a Math 1 credit was earned prior to high school.</i>			

**To graduate meeting Occupational Course of Study (OCS) of Future-Ready Core Requirements Status:**

- All students must take and pass 3 math courses.
- All students must complete a year-long Math 1 course. Districts in NC have a local option of naming the 1st course in the sequence for course 2. If students transfer into Alamance-Burlington Schools, they may have a different course title; however, the course code should be the same.



Denotes final course that must be completed in order to meet math substitution requirements for graduation.

	Course 1	Course 2 Year Long	Course 3
<b>OCS Sequence</b>	Introduction to Math 1 9220BXOCOS (with HQ EC Teacher) Introduction to Math 1. Blended NCVPS 9220BXOCOV	Fall Semester NC Math 1 9225BXOCOS (with HQ EC Teacher) NC Math 1 Blended NCVPS9225BXOCOV	Financial Management 9222BXOCOS (with HQ EC Teacher) Financial Management NCVPS Blended 9222BXOCOV

## INTRODUCTORY MATHEMATICS

**Course #: 20202X0**

**Course Credit: 1 Unit**

Course Description: This course includes the study of rational numbers, geometry, and algebraic structures, patterns and data analysis. Students will work with various types of manipulatives as well as appropriate technology. 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.

## FOUNDATIONS OF NC MATH 1

**Course #: 20902X0**

**Course Credit: 1 Unit**

Course Description: Foundations of NC Math 1 is designed to assist students in mastering the algebraic skills necessary for success in NC Math 1. Students will learn to (1) operate with the real numbers to solve problems; (2) find, identify, and interpret the slopes and intercepts of a linear relation; (3) visually determine a line of best fit for a given scatter plot, explain the meaning of the line, and make predictions using the line; (4) collect, organize, analyze, and display data to solve problems; (5) apply the Pythagorean Theorem to solve problems. Research-based curriculum supports the prerequisite NC Math 1 priority standards. 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 #: 21092X0**

**Course Credit: 1 Unit**

Course Description: The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. This course deepens their 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 expand students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. 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 1 HONORS

**Course #: 21095X0**

**Course Credit: 1 Unit**

**Prerequisite: CCR on 8th grade Math EOG**

Course Description: The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. This course deepens their 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 expand students' geometric experiences to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, require that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. 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.

## FOUNDATIONS OF NC MATH 2

**Course #: 20912X0**

**Course Credit: 1 Unit**

Course Description: Foundations of NC Math 2 is a course designed for students who have earned a NC Math 1 credit but require additional support in mastering the skills necessary for success in the second course. This course will allow students to develop the understanding of concepts through the use of manipulatives, technology, algebraic representation and development of problem solving skills. 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 2

**Course #: 22092X0**

**Course Credit: 1 Unit**

**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 North Carolina high school graduation requirement for NC Math 2.

## NC MATH 2 HONORS

**Course #: 22095X0**

**Course Credit: 1 Unit**

**Prerequisite: NC Math 1**

Course Description: NC Math 2 Honors continues to deepen the study of concepts presented in NC Math 1. These concepts include: 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.

## FOUNDATIONS OF NC MATH 3

**Course #: 20922X0**

**Course Credit: 1 Unit**

Course Description: Foundations of NC Math 3 is a course designed for students who have earned a NC Math 2 credit but need additional support in mastering the skills necessary for success in the third math course. This course will give students the opportunity to build on prior algebraic concepts that include radicals, functions, equations and systems. 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 3

**Course #: 23092X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 2 or NC Math 2 Honors**

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.

## NC MATH 3 HONORS

**Course #: 23095X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 2 or NC Math 2 Honors**

Course Description: NC Math 3 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.



#### NC MATH 4

**Course #: 24092X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 3 or NC Math 3 Honors**

**Course Description:** NC Math 4 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 HS advanced math course.

#### NC MATH 4 HONORS

**Course #: 24095X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 3 or NC Math 3 Honors**

**Course Description:** NC Math 4 Honors is a more rigorous course that focuses on applying 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 HS advanced math course.

#### DISCRETE MATHEMATICS FOR COMPUTER SCIENCE

**Course #: 24012X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 3 or NC Math 3 Honors**

**Course Description:** Discrete Mathematics for Computer Science introduces students to discrete structures that are countable or otherwise distinct and separable. The mathematics of modern computer science is built almost entirely on discrete mathematics, such as logic, combinatorics, proof, and graph theory. This course is appropriate for students who plan to pursue careers as computer programmers, software engineers, data scientists, security and financial analysts. Upon completion of this course students should be prepared for college level algebra, statistics and other discrete mathematics.

#### DISCRETE MATHEMATICS FOR COMPUTER SCIENCE HONORS

**Course #: 24015X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 3 or NC Math 3 Honors**

**Course Description:** Discrete Mathematics for Computer Science Honors is a more rigorous course in which students apply the discrete structures. This course is the study of mathematical structures that are countable or otherwise distinct and separable. The mathematics of modern computer science is built almost entirely on discrete mathematics, such as logic, combinatorics, proof, and graph theory. This course is appropriate for students who plan to pursue careers as computer programmers, software engineers, data scientists, security and financial analysts. Upon completion of this course, students should be prepared for college level algebra, statistics and other discrete mathematics.

#### CCRG MATH

**Course #: 20132X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 3 or NC Math 3 Honors**

**Course Description:** This course is a survey of the fundamental skills required for freshman level/gateway college math courses. Demonstration of mastery of these skills in the course permits the student to have higher placement in community college courses and better preparation for university math courses. The course topics include number sense, graphing, functions, geometry, statistics, and trigonometry. This course is not designed to prepare students for college-level math in STEM majors; however, it is appropriate for students who desire to attend college and major in humanities. This course meets the requirements of a 4th math credit. It does not satisfy a 4th math credit for the UNC system schools.

#### PRE-CALCULUS HONORS

**Course #: 24035X0**

**Course Credit: 1 Unit**

**Prerequisite: NC Math 3 or NC Math 3 Honors**

**Course Description:** This course builds upon the study of algebra, functions, and trigonometry experienced in previous high school mathematics courses. Students will apply algebraic skills, delve deeper into real world phenomena, and deepen understanding of functions. This course is designed for students pursuing careers in STEM-related fields. Students who complete this course should be prepared for Calculus or any entry-level college course. ***Precalculus is an inherently honors course.***

#### CALCULUS HONORS

**Course #: 28005X0LCH**

**Course Credit: 1 Unit**

**Prerequisite: Pre-Calculus Honors**

**Course Description:** Calculus Honors is an introductory course to Calculus. Students will delve into two branches of Calculus - Differential and Integral Calculus. The units of study include a foundation of derivatives and integrals, rules of derivatives, models of integration, applications and analytic geometry. Designed as a two-course sequence with AP Calculus AB this course does not satisfy UNC Systems minimum math requirements or a 4th math credit from NCDPI.

#### AP CALCULUS

**Course #: 2A007X0 (AB) / 2A017X0 (BC)**

**Course Credit: 1 Unit**

**Prerequisite: Pre-Calculus Honors**

**Course Description:** Advanced Placement Calculus is designed for those students who want to undertake studies on the college level. Students prepare to take the College Board standardized test and may receive credit based on their scores. The "AB" or "BC" curriculum will be taught. Students are expected to take the AP examination. The student may earn college credit for successful completion of the course and an AP examination score that meets the college requirement.

#### AP STATISTICS

**Course #: 2A037X0**

**Course Credit: 1 Unit**

**Prerequisites: NC Math 3 or NC Math 3 Honors**

**Course Description:** Advanced Placement Statistics is an introductory, non-calculus based, college course in statistics. The four major topics studied include organizing data, producing data: samples and experiments, probability: foundations of inference, and inference: conclusions with confidence. Students entering the course should be proficient in reading mathematical text and be willing to research independently outside of class time. Students are expected to take the AP examination. The student may earn college credit for successful completion of the course and an AP examination score that meets the college requirement.

### ALTERNATE MATHEMATICS I

**Course #: 20402X0**

**Course Credit: 1 Unit**

Course Description: Alternate Mathematics I provides learners an opportunity to apply mathematical concepts from NC Math 1 and NC Math 2 in practical situations while focusing on learning skills associated with information and communication technology.

### ALTERNATE MATHEMATICS II

**Course #: 20412X0**

**Course Credit: 1 Unit**

Course Description: Alternate Mathematics II provides learners an opportunity to apply mathematical concepts from NC Math 1 and NC Math 2 in financial situations while focusing on learning skills associated with information and communication technology.

### IB MATHEMATICS APPLICATIONS AND INTERPRETATION SL

**Course #: 2I088X0**

**Course Credit: 1 Unit**

**Prerequisite: Honors Pre-Calculus, AP Statistics or an A or B in Math 3 Honors (WWH Students only)**

Course Description: This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. Students will complete a required internally assessed research essay on a topic chosen by the student with guidance from the teacher.

### IB MATHEMATICS ANALYSIS AND APPROACHES SL

**Course #: 2I068X0**

**Course Credit: 1 Unit**

**Prerequisite: AP Calculus (WWH Students only)**

Course Description: This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. Students will complete a required internally assessed research essay on a topic chosen by the student with guidance from the teacher.



# MILITARY SCIENCE

## INTRODUCTION

Military Science courses offer classroom activities and related experiences for the participants to acquire the knowledge, skills, self-discipline, patriotism, sense of responsibility and respect for constituted authority that better prepare them for the future. Classes offer academic challenges, practical leadership experience, physical training and training in drill and ceremony. No military service obligation is incurred from participation in Military Science or JROTC courses.

## COURSES OFFERED

- Naval Science I
- Naval Science II
- Naval Science III
- Naval Science IV
- Advanced Military Studies I
- Advanced Military Studies II
- Advanced Military Studies III
- Advanced Military Studies IV

### NAVAL SCIENCE I

**Course #: 95012XONS1**  
**Course Credit: 1 Unit**

Course Description: This course introduces students to the precepts of citizenship, the elements of leadership, and the value of sound appreciation for the heritage and traditions of America, with recognition that the role of sea power will be important in America's future, and develop in each cadet a growing sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

### NAVAL SCIENCE II

**Course #: 95022XONS2**  
**Course Credit: 1 Unit**

**Prerequisite: Naval Science I**

Course Description: This course is designed 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, and develop in each cadet a growing sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

### NAVAL SCIENCE III

**Course #: 95032XONS3**  
**Course Credit: 1 Unit**

**Prerequisite: Naval Science II**

Course Description: This course further develops the traits of leadership in students and introduces cadets to the vital importance of military justice, international law, and continues with the instruction of Naval Science to include astronomy, meteorology, weather, and the maneuvering board, as well as provides an understanding of the facets of sea power, national security, and naval history.

### NAVAL SCIENCE IV

**Course #: 95042XONS4**

**Course Credit: 1 Unit**

**Prerequisite: Naval Science III**

Course Description: This course builds on the basic qualities of being a good follower and an effective leader provided in Naval Science I, II and III and takes a more in-depth look at what leadership is and how to maximize your abilities in the leadership area.

### ADVANCED MILITARY STUDIES I

**Course #: 95012XOAM1**

**Course Credit: 1 Unit**

**Prerequisite: Naval Science I**

Course Description: This course augments and improves students' knowledge gained from Naval Science I. As an elective follow-up course, it reinforces knowledge and techniques previously learned, providing a deeper appreciation and preparation of achieving higher success in the NJROTC program. It will further develop the traits of leadership in students and expand cadets' knowledge of naval operations, both ship and aircraft, orienteering, first aid and survival techniques. Students will additionally gain a better appreciation of leadership techniques and how they are applied in drill and ceremonies. This course has the expectation that you will compete in the weekend Drill competitions.

### ADVANCED MILITARY STUDIES II

**Course #: 95022XOAM2**

**Course Credit: 1 Unit**

**Prerequisite: Naval Science II**

Course Description: The Advanced Military Studies II program includes four components: expansion of leadership roles and practices; increased awareness, usage, and application of naval technology; advanced studies and research of Navy history; and advanced practices and techniques of military drill. Cadets will learn, practice, and instruct through utilization of text and video references, workshops, and hands on applications. Cadets will be evaluated using professionally developed written and practical test, research projects, and demonstration of advanced techniques and knowledge of military drill. This course requires weekend commitment as an active member of the competitive Drill and Color Guard teams.

### ADVANCED MILITARY STUDIES III

**Course #: 95032XOAM3**

**Course Credit: 1 Unit**

**Prerequisite: Naval Science III**

Course Description: This course augments and improves students' knowledge gained from Naval Science III. This elective follow-up course reinforces knowledge and techniques previously learned, providing a deeper appreciation and prepares the students for higher positions within the unit. It will further develop the traits of leadership in students and expand cadets' knowledge in astronomy, meteorology, weather, naval electronics, the facets of sea power, national security, military law and order, justice, and international law. This course requires weekend commitment as an active member of the competitive Drill and Color Guard teams.



**ADVANCED MILITARY STUDIES IV**

**Course #: 95042X0AM4**

**Course Credit: 1 Unit**

**Prerequisite: Naval Science IV**

**Course Description:** The Advanced Military Study IV program includes five components: leadership roles and positive leadership techniques; group dynamics; roles and responsibilities of a military officer; effective communications in planning and advanced military drill. Cadets will learn, practice, and instruct through utilization of text and video references, workshops, and hands on applications. Cadets will be evaluated using professionally developed written and practical tests, research projects, demonstration of advanced techniques, and knowledge of military drill. This course requires weekend commitment as an active member of the competitive Drill and Color Guard teams.



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# MISCELLANEOUS

## COURSES OFFERED

- Student Media Assistant
- Freshman Seminar
- Health and Freshman Seminar
- Leadership
- SAT Prep
- IB Theory of Knowledge
- AP Seminar/AP Research
- Teacher Cadet I - Honors
- Teacher Cadet II – Honors

### STUDENT MEDIA ASSISTANT

**Course #: 96102X0SMA**

**Course Credit: 1 Unit**

Course Description: This course provides instruction in the orientation and organization of the media center, selection and utilization of materials and equipment, and the production of materials.

### FRESHMAN SEMINAR

**Course #: 96102X0FSM**

**Course Credit: 1 Unit**

Course Description: This course is offered during ninth grade to provide opportunity for students to develop academic and social skills needed for success in high school. Lessons include emphasis on the following: long-range projects, cooperative learning activities, reflective journal writing, note-taking, time management, study skills, social and human relations skills.

### HEALTH AND FRESHMAN SEMINAR

**Course #: 96102X0HFS**

**Course Credit: 1 Unit**

Course Description: Health and Freshman Seminar 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 Freshman Seminar, students gain skills for life, school, and personal finance, as well as a community service component.

### LEADERSHIP

**Course #: 96102X0LDR**

**Course Credit: 1 Unit**

Course Description: This course is designed to provide students in the 10, 11, and 12 grades with leadership skills and offer the students realistic opportunities in which they can put these skills to work. The course will include theories of leadership, debate, problem solving, speech making, committee work, personal management, interpersonal skills, and citizenship development.

### SAT PREP

**Course #: 96022X0**

**Course Credit: 1 Unit**

Course Description: This course focuses on preparing students for the new SAT by focusing on critical reading skills, mathematical reasoning skills, and writing skills.

### IB THEORY OF KNOWLEDGE

**Course #: 0I018X0A / 0I018X0B**

**Course Credit: 1 Unit (per year)**

**Prerequisite: Must be an IB Diploma Candidate (WWH)**

Course Description: Theory of Knowledge (ToK) is a course taken over two years. The ToK student examines the philosophical framework of each academic discipline while learning to reflect critically and logically on ideas originating in the other courses.

**Paired AP Courses to Earn either the AP Capstone Diploma or AP Seminar & Research Certificate**

**\*Each High School must have an AP Capstone Agreement on file with College Board (check with your school if interested)**

### AP Seminar

**Course #: 0A017X0**

**Course Credit: 1 Unit**

**Prerequisite: Must be in the Capstone Program (WAHS)**

Course Description: This course is designed for those students who want to undertake studies on a college level. Students engage in cross-curricular conversations that explore the complexities of academic and real-world topics by accessing information from a variety of sources. The course aims to equip students with the power to analyze and evaluate information in order to craft and communicate evidence-based arguments. Students are assessed with two through-course performance tasks and one end-of-course exam. All three assessments are summative and used to calculate a final AP score for AP Seminar. This course is the first of two courses that are required in order to complete the AP Capstone Diploma Program. The student may earn college credit for successful completion of the course and AP Examination.

### AP Research

**Course #: 0A007X0**

**Course Credit: 1 Unit**

**Prerequisite: AP Seminar**

**Prerequisite: Must be in the Capstone Program (WAHS)**

Course Description: AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4,000-5,000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.



### TEACHER CADET I-HONORS

Course #: 96045X0CTC

Course Credit: 1 Unit

Offered at: CTEC

Prerequisite: Acceptance in Alamance Scholars Program

Course Description: Teacher Cadet I is an innovative, hands on course designed for high school juniors who have applied and been accepted into the Alamance Scholars Program. Students in Teacher Cadet I are passionate about exploring careers in the field of education. The course details many components of the education environment and involves a combination of research and application of skills to learn about the science of teaching. Students are required to travel to school sites for observations and field experiences.

### TEACHER CADET II-HONORS

Course Code: 96065X0CTC

Course Credit: 1 Unit

Offered at: CTEC

Prerequisite: Successful completion of Teacher Cadet I

Course Description: Teacher Cadet II is an opportunity for students to gain more field experience from various levels, contents, and grade spans. The purpose of the field experience is to support students in formulating an image of the realities of being an educator from different perspectives. Students will be expected to apply the knowledge and teaching strategies they acquired in Teacher Cadet I. A culmination portfolio project is required. Students are required to travel to school sites for observations and field experiences.





# OCCUPATIONAL PREPARATION COURSES

## INTRODUCTION

In accordance with North Carolina Policies Governing Services for Children with Disabilities (March 2018) and the Individuals with Disabilities Education Act (IDEA), ABSS provides special education and related services for students with disabilities, ages 3 through 21. Students identified with a disability and found eligible for special education are offered services, as appropriate, to meet their unique needs as specified in their Individual Education Program (IEP). Questions concerning courses and services for students with an IEP should be directed to the School Counselor and Exceptional Children Teacher/Case Manager.

## COURSES OFFERED

- Preparation I/2021-Employment Preparation I Science
- Preparation II/2021-Employment IIA, IIB
- Preparation III/2021-Employment Preparation IIIA, IIIB
- Preparation IV/2021-Employment Preparation IV Math
- English I (NCVPS Blended Learning)
- English II (NCVPS Blended Learning)
- English III (NCVPS Blended Learning)
- English IV (NCVPS Blended Learning)
- Introduction to Mathematics (NCVPS Blended Learning)
- Math 1 (NCVPS Blended Learning)
- NC Math 1 (NCVPS Blended Learning)
- Financial Management (NCVPS Blended Learning)
- Applied Science (NCVPS Blended Learning)
- Biology (NCVPS Blended Learning)
- American History I (NCVPS Blended Learning)
- American History II (NCVPS Blended Learning)
- American History: Founding Principles, Civics and Economics (NCVPS Blended Learning)
- Economics and Personal Finance Co-teaching (NCVPS Blended Learning)—2020 and beyond OCS requirement

### PREPARATION I\*

**Course #: 9240BX0COS**

**Course Credit: 1 Unit**

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 participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Formal career planning and development of knowledge regarding transition planning begins in this course and continues throughout the strand of Occupational Preparation courses. Students will begin participating in multiple school-based work activities in order to complete the 150-hour school-based requirement by graduation.

### EMPLOYMENT PREPARATION I SCIENCE\*

**Course #: 9260BX0**

**Course Credit: 1 Unit**

Course Description: This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Employment Preparation courses should be taught in sequential order as the content is designed to help the student build skills and increase their depth of knowledge levels over the grades 9-12. Students will receive direct instruction in the competency goals and objectives during class time and will be expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community-based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.

### PREPARATION II\*

**Course #: 9241BX0COA (1 Unit) / 9241BX0COB (1 Unit)**

Course Description: This course content is focused on providing students with a range 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. This is a two-credit course. Students will continue with school-based work activities as well as begin participating in non-paid work activities in the community in order to complete the 225-hour community-based requirement by graduation.

### EMPLOYMENT PREPARATION II\*: CITIZENSHIP 1A & 1B

**Course #: 9261BX0 (1A) 1 Unit**

**Course #: 9262BX0 (1B) 1 Unit**

Course Description: This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Employment Preparation courses should be taught in sequential order as the content is designed to help the student build their skills and increase their depth of knowledge levels over the grades 9-12. Students will receive direct instruction in the competency goals and objectives during class time and will be expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.

### PREPARATION III\*

**Course #: 9242BX0COA (1 Unit) / 9242BX0COB (1 Unit)**

**Course Description:** This course is designed to allow students to continue the development and begin the application of skills learned in Preparation I and II. Work-based learning activities are an integral part of this course to allow students to apply employability skills in an employment setting and to demonstrate the effectiveness of their work personality. This is a two-credit course. Students will continue with school-based work activities as well as continue participating in non-paid work activities in the community in order to complete the 225-hour community-based requirement by graduation.

### EMPLOYMENT PREPARATION III\*: CITIZENSHIP 2A&2B

**Course #: 9263BX0 (2A) 1 Unit**

**Course #: 9264BX0 (2B) 1 Unit**

**Course Description:** This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Employment Preparation courses should be taught in sequential order as the content is designed to help the student build their skills and increase their depth of knowledge levels over the grades 9-12. Students will receive direct instruction in the competency goals and objectives during class time and will be expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.

### PREPARATION IV\*

**Course #: 9243BX0COS**

**Course Credit: 1 Unit**

**Course Description:** This course gives students the opportunity to synthesize all the skills acquired in the previous Occupational Preparation courses and apply them to their personal career choice. Students will continue to work on their integrated competitive employment hours required for 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. Students will complete 225-hours of competitive employment by graduation.

### EMPLOYMENT PREPARATION IV- MATH\*

**Course #: 9265BX0**

**Credit: 1 Unit**

**Course Description:** This course is designed to teach students skills and promote success in the areas of postsecondary education, employment, and independent living. Instructional emphasis will be placed on the application and generalization of skills to post school environments. The Six Employability Skills adopted by NCDPI have been embedded within the competency goals and objectives throughout the course. Employment Preparation courses should be taught in sequential order as the content is designed to help the student build their skills and increase their depth of knowledge levels over the grades 9-12. Students will receive direct instruction in the competency goals and objectives during class time and will be expected to apply appropriate skills within the naturally occurring setting during activities associated with school-based hours, community based hours, and paid employment hours required by the GRAD-004 policy to be completed by graduation.

\*Through the Preparation courses, students will have the opportunity to gain school-based and community-based work hours necessary for graduation requirements. Students must seek competitive employment and submit documentation to verify this component. In order to receive a diploma a student must complete all course work and the required 600-work hour component (150 school-based hours, 225 community-based hours, and 225 competitive employment hours).

Courses listed below with NCVPS Blended Learning will be taught by the student's face-to-face classroom teacher and an NCVPS online teacher.

### ENGLISH I (NCVPS BLENDING LEARNING)

**Course #: 9210BX0COS / 9210BX0COV**

**Course Credit: 1 Unit**

**Course Description:** This course is strategically aligned with Common Core Standards for English I. Students will gain mastery of curricular concepts through a survey of world literature. Through the examination of vocabulary including prefixes and suffixes, literary genres including fables and short stories, textual analysis through poetry, drama, fiction and nonfiction, persuasion and argumentation, presentation techniques, cause and effect writing, and research focusing on career readiness, the student will explore, examine, and evaluate a wide variety of modes of expression. Technology skills will be honed through regular use of a variety of web tools and technical processes.

### ENGLISH II (NCVPS BLENDED LEARNING)

**Course #: 9211BX0COS / 9211BX0COV**

**Course Credit: 1 Unit**

**Course Description:** Students will gain mastery of curricular concepts through a survey of world literature. Through the examination of vocabulary including prefixes and suffixes, literary genres including fables and short stories, textual analysis through poetry, drama, fiction and nonfiction, persuasion and argumentation, presentation techniques, cause and effect writing, and research focusing on global awareness, the student will explore, examine, and evaluate a wide variety of modes of expression. Technology skills will be honed through the course.

### ENGLISH III (NCVPS BLENDED LEARNING)

**Course #: 9212BX0COS / 9212BX0COV**

**Course Credit: 1 Unit**

**Course Description:** Students will gain mastery of curricular concepts through a survey of American literature. Through the examination of grammatical concepts including parts of speech, punctuation, sentence and paragraph structure as well as various literary genres including oral folklore, drama, poetry, short stories, and various persuasive texts, including the development of a comprehensive research-based persuasive essay, the student will explore, examine, and evaluate a wide variety of modes of expression. The student will apply language expression for life-skills writing, speaking, and listening skills. Technology skills will be honed through the course.

### ENGLISH IV (NCVPS BLENDED LEARNING)

**Course #: 9213BX0COS / 9213BX0COV**

**Course Credit: 1 Unit**

**Course Description:** Students will gain mastery of curricular concepts through a survey of Western European, primarily British, literature. Through the examination of grammatical concepts including parts of speech, punctuation, sentence and paragraph structure as well as various literary genres including oral folklore, drama, poetry, short stories, and various persuasive texts, including the development of a comprehensive research-based persuasive essay, the student will explore, examine, and evaluate a wide variety of modes of expression. The student will apply language expression for life-skills writing, speaking, and listening skills. The course is further designed to help students prepare for a culminating senior portfolio. Technology skills will be honed through the course.

## **INTRODUCTION TO MATHEMATICS (NCVPS BLENDED LEARNING)**

**Course #: 9220BX0COS / 9220BX0COV**

**Course Credit: 1 Unit**

Course Description: The Introduction to Mathematics Course teaches the Essential Standards for Introductory Math and prepares the students for Basic Math 1. This course blends the best of online and classroom activities. Students learn introductory algebra and other important life-skills in nine engaging units covering working with numbers, fractions and decimals, rates and ratios, time and measurement, working with algebraic expressions, solving equations and inequalities, working with points and lines, working with data sets, and working with basic geometric figures. Technology skills will be honed throughout the course by working with a graphing calculator and using the computer in a variety of ways.

## **MATH 1 (NCVPS BLENDED LEARNING)**

**Course #: 9610BX0COS / 9610BX0COV**

**Course Credit: 1 Unit**

Course Description: This Math Elective course teaches Common Core Standards for math and prepares students for the subsequent course, NC Math 1. Successful completion of both this course and NC Math 1 will fulfill the NC Math 1 requirement. Students will receive two credits: Basic Math 1 as an elective credit and NC Math 1 as the NC Math 1 credit. This course blends the best of online and classroom activities. Six engaging units cover topics such as simplifying expressions with exponents, solving equations and inequalities, relations and functions, slope and linear functions, and solving systems of equations and inequalities. Technology skills will be honed throughout the course by working with a graphing calculator and using the computer in a variety of ways.

## **NC MATH 1 (NCVPS BLENDED LEARNING)**

**Course #: 9225BX0COS / 9225BX0COV**

**Course Credit: 1 Unit**

Course Description: The NC Math 1 course teaches the Common Core Standards for NC Math 1 and is the second course in the NC Math 1 sequence. Successful completion of both the Locally Developed Math Elective Course (Basic Math 1) and NC Math 1 will fulfill the NC Math 1 requirement. Students will receive two credits: Locally Developed Math Elective Course (Basic Math 1) as an elective credit and NC Math 1 as the NC Math 1 credit. This course blends the best of online and classroom activities. Five engaging units cover topics such as polynomials and factoring, quadratic functions, exponential functions, data analysis, and parallel and perpendicular lines. Students will also explore a variety of mathematical formulas and apply these formulas in real-life scenarios. Technology skills will be honed throughout the course by working with a graphing calculator and using the computer in a variety of ways.

## **FINANCIAL MANAGEMENT (NCVPS BLENDED LEARNING)**

**Course #: 9222BX0COS / 9222BX0COV**

**Course Credit: 1 Unit**

Course Description: The Financial Management course teaches NC Essential Standards for Financial Management and equips students with the skills needed for independent living. This course blends the best of online and classroom activities. Six engaging units and a final project help students develop an understanding of state and federal income taxes, wages compensation, use of credit, different insurance types, budgeting, and consumer spending. Technology skills will be honed throughout the course by working with a graphing calculator and using the computer in a variety of ways.

## **APPLIED SCIENCE (NCVPS BLENDED LEARNING)**

**Course #: 9231BX0COS / 9231BX0COV**

**Course Credit: 1 Unit**

Course Description: The Applied Science Course blends the best of online and classroom activities as students learn environmental, physical, and life science concepts in nine engaging units covering human impacts on the environment, energy and its conservation, properties of matter, dangers and uses of common chemicals, force and motion, electricity and magnetism, and the human body systems. Technology skills will be honed through the course.

## **BIOLOGY (NCVPS BLENDED LEARNING)**

**Course #: 9232BX0COS / 9232BX0COV**

**Course Credit: 1 Unit**

Course Description: This course teaches students to develop an understanding of biological processes and discover how life science is an integral part of other sciences and society. Students will have opportunities to engage in hands-on, as well as minds-on activities that are aligned with the North Carolina Essential Standards. They will gain an understanding of the cell, molecular basis of heredity, and biological evolution. They will investigate the interdependence of organisms as well as acquire an understanding of the matter, energy and organization in living systems. Technology skills will be reinforced throughout the entire course.

## **AMERICAN HISTORY I (NCVPS BLENDED LEARNING)**

**Course #: 9247BX0COS / 9247BX0COV**

**Course Credit: 1 Unit**

Course Description: The American History I course is strategically aligned with the North Carolina Essential Standards for American History I. The course follows the Founding Principles Act and begins with the European Exploration and Colonization of the New World and follows chronologically through Post-Civil War Reconstruction. Students will learn about the important political, social, and economic factors that contributed to the development of colonial America, the onset of the American Revolution, and the results of the Revolution including the founding of the United States government and the drafting of founding documents including the Constitution and the Bill of Rights. Students will also learn about early domestic and foreign policy, westward expansion, reform, immigration, and the cultural variances that have both united and divided America.

## **AMERICAN HISTORY II (NCVPS BLENDED LEARNING)**

**Course #: 9248BX0COS / 9248BX0COV**

**Course Credit: 1 Unit**

Course Description: The American History II course is a sequel course to American History I. The course is strategically aligned with the North Carolina Essential Standards for American History II. The course follows the Founding Principles Act and begins with late 19th century American History to the 21st century. Students will learn about the important political, social, and economic factors that transformed the ethnic composition of America and America's dependence on evolving technologies. Students will also learn about 19th – 21st century domestic and foreign policy, westward expansion, reform movements, immigration, and the cultural variances that have both united and divided America.



**AMERICAN HISTORY: FOUNDING PRINCIPLES, CIVICS AND ECONOMICS (NCVPS BLENDED LEARNING)**

**Course #: 9249BX0COS / 9249BX0COV**

**Course Credit: 1 Unit**

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



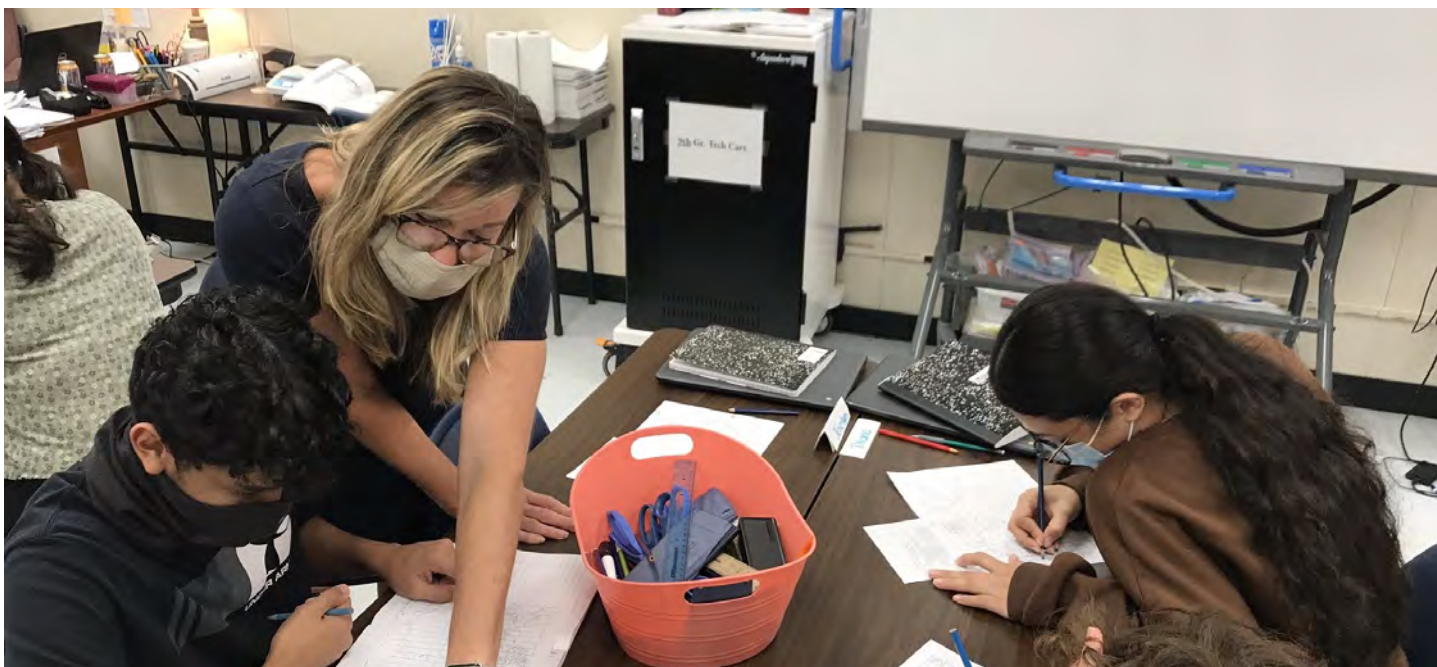
# SCIENCE

## INTRODUCTION

The North Carolina Standard Course of Study (NCSCOS) for Science provides a set of science content 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 3 courses. These requirements are Earth/Environmental, Biology and Physical Science. These courses need to be aligned with the students' after-high-school plans. Elective courses are available to prepare students as needed to meet required courses for graduation. Course sequences may not be offered at all ABSS high schools each semester. Please contact your school guidance department to determine specific course offerings.

## COURSES OFFERED

- Anatomy & Physiology
- Anatomy & Physiology Honors
- Biology I
- Biology I Honors
- Biology II Honors
- AP Biology
- Chemistry I
- Chemistry I Honors
- Chemistry II Honors
- AP Chemistry
- Earth/Environmental Science
- Earth/Environmental Science Honors
- AP Environmental Science
- Environmental Ethics Honors
- Intro to Forensic Science
- Forensic Science Honors
- Life Science Techniques
- Oceanography
- Physical Science
- Physics
- Physics Honors
- AP Physics
- IB Biology HL
- IB Sports, Exercise, and Health Science SL





## ABSS High School Recommended Science Sequence for Students

### To graduate meeting Future-Reading Core Requirements:

- All students must take and pass 3 science courses - Earth/Environmental, Biology, and a Physical Science.
- Course sequences may not be offered at all ABSS high schools each semester. Please contact your school to determine specific course offerings.

Denotes final course that must be completed in order to meet science requirements for graduation.

	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6
<b>Sequence A</b>	Earth/Environmental	Life Science Techniques (Elective)	Biology I	Physical Science Chemistry I		
<b>Sequence B</b>	Earth/Environmental	Biology I	Physical Science Earth/Environmental Honors AP Environmental	Science Elective		
<b>Sequence C</b>	Biology I Honors	Chemistry I Honors	Earth/Environmental Honors AP Environmental	Science Elective		
<b>Sequence D</b>	Biology I Honors	Earth/Environmental Honors	Chemistry I Honors	Biology II Honors Chemistry II Honors AP Environmental	AP Biology AP Chemistry Biology II Honors Chemistry II Honors	AP Environmental AP Physics or another course listed under Course 5
<b>Sequence E</b>	Earth/Environmental Honors	Biology I Honors	Chemistry I Honors	Biology II Honors Chemistry II Honors Science Elective	AP Biology AP Chemistry AP Environmental	AP Physics or another AP science listed under Course 5



## **ANATOMY AND PHYSIOLOGY**

**Course #: 33302X0**

**Course Credit: 1 Unit**

**Recommended: Biology I or Biology I Honors**

Course Description: This course will include a study of human anatomy and physiology studies. The areas covered will include medical terminology, basic chemistry, cell and tissue structure, and the 11 systems of the human body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive). This course provides one unit of elective credit and does not count as one of the science credits required to graduate meeting the future-ready core requirements.

## **ANATOMY AND PHYSIOLOGY HONORS**

**Course #: 33305X0**

**Course Credit: 1 Unit**

**Recommended: Biology I or Biology I Honors**

Course Description: This course is an advanced detailed study of the structure and function of the human body. This course is well suited for students interested in pursuing a career in allied health fields. Students will explore anatomical terminology, homeostasis, cytology, histology and body systems. Appropriate laboratory exercises accompany the curriculum to provide students relevant application opportunities. This course provides one unit of elective credit and does not count as one of the science credits required to graduate meeting the future-ready core requirements.

## **BIOLOGY I**

**Course #: 33202X0**

**Course Credit: 1 Unit**

Course Description: Biology I provide students a course in scientific inquiry, structure and function of living organisms, ecosystems, evolution and genetics, and molecular biology. The Biology I End-of-Course Test as well as successful completion of this course will satisfy the state graduation requirement for Biology.

## **BIOLOGY I HONORS**

**Course #: 33205X0**

**Course Credit: 1 Unit**

Course Description: Biology I Honors is a more rigorous offering of the concepts in Biology I. Emphasis will be placed on greater depth of the concepts in order to increase critical thinking skills. The Biology I End-of-Course Test as well as successful completion of this course will satisfy the state graduation requirement for Biology.

## **BIOLOGY II HONORS**

**Course #: 33215X0**

**Course Credit: 1 Unit**

Course Description: Biology II Honors is a second year Biology course designed for the scientifically oriented student. The curriculum may include anatomy and physiology, marine biology, behavior, genetics, zoology, survey of the six kingdoms, ecology, and recent research in the field of biology. It is recommended that this course be paired with AP Biology; however, it is not a requirement.

## **AP BIOLOGY**

**Course #: 3A007X0**

**Course Credit: 1 Unit**

Course Description: Advanced Placement Biology is a rigorous college level introductory biology course following the Advanced Placement curriculum of the College Board. The curriculum includes molecules and cells, heredity/genetics, organisms and populations. It is expected that this course will require greater amounts of time and effort on the part of the student. Descriptive and experimental laboratory experiences will be assigned to provide maximum opportunity for students to learn a variety of skills and concepts. Students are expected to take the AP Biology Examination. It is recommended that this course be paired with Biology II Honors; however, this is not a requirement. Students are expected to take the AP examination. A student may earn college credit for successful completion of the course and an AP examination score that meets the college requirement.

## **CHEMISTRY I**

**Course #: 34202X0**

**Course Credit: Unit 1**

**Prerequisites: Biology I or Biology I Honors and NC Math 2 or NC Math 2 Honors**

Course Description: Chemistry I provides students a course focusing on scientific inquiry, structure and properties of matter, regularities in chemistry, energy changes in chemistry and chemical reactions. This course satisfies the state graduation requirement in physical science.

## **CHEMISTRY I HONORS**

**Course #: 34205X0**

**Course Credit: 1 Unit**

**Prerequisites: Biology I or Biology I Honors and NC Math 2 or NC Math 2 Honors**

Course Description: Chemistry I Honors is a more rigorous course offering of the concepts from the Chemistry I 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 on the laboratory experience. This course satisfies the state graduation requirement in physical science.

## **CHEMISTRY II HONORS**

**Course #: 34215X0**

**Course Credit: 1 Unit**

**Prerequisites: Chemistry I or Chemistry I Honors**

Course Description: Chemistry II Honors is a companion course to AP Chemistry and provides students with a deeper understanding of concepts presented in Chemistry I. Focus is given to more complex problems and intensive laboratory work that involves quantitative measurements. The course prepares students for pursuing careers in engineering, pharmacy, chemistry, and health.

## **AP CHEMISTRY**

**Course #: 3A017X0**

**Course Credit: 1 Unit**

**Prerequisite: Chemistry II Honors**

Course Description: Advanced Placement Chemistry is a rigorous college level chemistry course that follows the Advanced Placement curriculum of the College Board. This course will involve complex chemical calculations. It is expected this college level course will require greater amounts of time and effort on the part of the student. Descriptive and experimental laboratory experience will be assigned to provide maximum opportunity for students to learn a variety of skills and concepts. Students are expected to take the AP Chemistry Examination. The student may earn college credit for successful completion of the course and an AP examination score that meets the college requirement.

## **EARTH/ENVIRONMENTAL SCIENCE**

**Course #: 35012X0**

**Course Credit: 1 Unit**

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. Successful completion of this course will satisfy the state graduation requirement for Earth Science.

## **EARTH/ENVIRONMENTAL SCIENCE HONORS**

**Course #: 35015X0**

**Course Credit: 1 Unit**

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. Successful completion of this course will satisfy the state graduation requirement for Earth Science.

## **AP ENVIRONMENTAL SCIENCE**

**Course #: 3A027X0**

**Course Credit: 1 Unit**

Course Description: Advanced Placement Environmental Science is a rigorous college-level course focusing on the following: Earth's systems (Earth Science, atmosphere and biosphere, water and soil), the living world (ecosystems, energy and cycles), population dynamics, land and water use, energy resources and consumption, pollution and global change. It is expected this college-level course will require greater amounts of time and effort on the part of the student. Descriptive and experimental laboratory experiences will be assigned to provide maximum opportunity for students to learn a variety of skills and concepts. Students are expected to take the AP Environmental Science examination. The student may earn college credit for successful completion of the course and an AP examination score that meets the college requirement. Successful completion of this course will satisfy the state graduation requirement for Earth Science.

## **ENVIRONMENTAL ETHICS HONORS**

**Course #: 30205X0EEH**

**Course Credit: 1 Unit**

**Prerequisites: Earth and Environmental Science, Biology, and either Chemistry or Physical Science**

Course Description: This course will examine philosophical ideas surrounding ethics and morality regarding environmental issues. Throughout the course students will engage in environmental concerns that focus on a wide range of topics. The course will look closely at human beings' attitude on nature, non-human animal welfare, biodiversity, ecocentrism and deep ecology. Students will examine the non-western world & environmental theory, population growth, pollution, and resource overexploitation, obligations to future generations, economics and the environment, sustainability and sustainable development. This course is aimed at giving students a holistic, real world view of the environment around them.

## **INTRO TO FORENSIC SCIENCE**

**Course #: 30202X000S**

**Course Credit: 1 Unit**

**Prerequisites: Biology I or Biology I Honors and Chemistry I or Chemistry I Honors**

Course Description: Forensics is an elective course that focuses on the field of science emphasizing chemistry, biology, biotechnology, geology, and physics and their application in solving criminal cases. This forensics course will focus on the scientific evidence collection methods behind solving crimes and other aspects of detective work, such as criminal psychology, fingerprinting, handwriting analysis, and odontology. This course provides one unit of elective credit, but does not count as one of the science credits required to graduate meeting the future-ready core requirements.

## **FORENSIC SCIENCE HONORS**

**Course #: 30205X0FCT/30205X0FSH**

**Course Credit: 1 Unit**

**Prerequisites: Biology I or Biology I Honors and Chemistry I or Chemistry I Honors**

Course Description: This rigorous science elective involves the application of forensic science techniques to applicable criminal and civil law. In this course, students will study relevant scientific and technological principles and techniques used to solve crimes. Students will be involved in integrating the scientific methodology with actual forensic application. This course will also include a variety of laboratory methods and forensic case files to give students valuable opportunities for interactive hands-on experiences and to develop problem-solving and critical thinking skills. This course provides one unit of elective credit, but does not count as one of the science credits required to graduate meeting the future-ready core requirements.

## **LIFE SCIENCE TECHNIQUES**

**Course #: 33102X0**

**Course Credit: 1 Unit**

Course Description: Life Science Techniques is an elective course in which students will explore the concepts and principles of life science and apply these concepts and principles to issues in the workplace, in society, and in personal experiences. Investigative, hands-on lab activities that address the high school inquiry standards are an integral part of this course. It is recommended that this course be paired with Biology I. This course provides one unit of elective credit, but does not count as one of the science credits required to graduate meeting the future-ready core requirements.

## **OCEANOGRAPHY**

**Course #: 35362X0**

**Course Credit: 1 Unit**

Course Description: Oceanography is an elective science course that offers students the opportunity to investigate physical oceanography (wind and waves), geological oceanography (earthquakes and plate tectonics), and biological oceanography (from algae to whales). This course provides one unit of elective credit, but does not count as one of the science credits required to graduate meeting the future-ready core requirements.

## **PHYSICAL SCIENCE**

**Course #: 34102X0**

**Course Credit: 1 Unit**

Course Description: The physical science curriculum provides students a course in scientific inquiry, forces and motion, matter: properties and change, and energy: conservation and transfer. This course satisfies the state graduation requirement in physical science.

## **PHYSICS**

**Course #: 34302X0**

**Course Credit: 1 Unit**

**Prerequisite: Chemistry I**

Course Description: Physics course provides a study using the language of mathematics to describe natural phenomena. Inquiry is applied to the study of matter and energy and their interaction.

### PHYSICS HONORS

**Course #:** 34305X0 / 34305X0CTC

**Course Credit:** 1 Unit

**Prerequisites:** Chemistry I or Chemistry I Honors

**Course Description:** Physics Honors provide students an in-depth study using the language of mathematics to describe natural phenomena. Inquiry is applied to the study of matter and energy and their interaction. Students will study linear motion, two-dimensional motion including circular motion, forces and Newton's Laws of Motion, impulse and momentum, energy as the ability to cause change, wave motion and the wave nature of sound and light, static electricity and direct current electrical circuits. This course satisfies the state graduation requirement in physical science. It is recommended that students who enroll in this course have successfully completed Chemistry I and a math beyond NC Math 3.

### AP PHYSICS

**Course #:** 3A057X0

**Course Credit:** 1 Unit

**Course Description:** Advanced Placement Physics is a college level physics course. The College Board course of study will be followed (Level 1 or 2). This course is designed to advance the students' understanding of natural phenomena by an in-depth approach to the topics of physics. Students are expected to take the AP Physics Examination. A student may earn college credit for successful completion of the course and an AP examination score that meets the college requirement.

### IB BIOLOGY HL

**Course #:** 3I018X0

**Course Credit:** 1 Credit

**Prerequisite:** Biology Honors and Chemistry Honors

**Note:** WWH Students Only

**Course Description:** This two-year course is comparable to two college Biology courses. Students learn about cell theory, the chemistry of living things, plant science, genetics, and organisms/populations. Laboratory work encourages higher level thinking skills, the operation of scientific equipment and technical writing. Students also engage in activities which develop statistical analysis skills, and which make them aware of how scientists work with each other.

### IB SPORTS, EXERCISE, AND HEALTH SCIENCE SL

**Course #:** 3I088X0

**Course Credit:** 1 Unit

**Note:** WWH Students Only

**Course Description:** This course is designed to provide an understanding of the processes behind human physical health and athletic performance. Students will look at the anatomy and physiology of the human body, discuss nutritional chemistry and energy systems, explore the physics behind movement dynamics and evaluate human athletic performance on an individual level as well as in a group context.





# SOCIAL STUDIES

## INTRODUCTION

Social studies is the integrated study of the social sciences and humanities to promote effective citizenry. Within the K-12 program, social studies 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.

## COURSES OFFERED

- World History
- World History Honors
- AP World History: Modern
- Founding Principles of the United States of America and North Carolina: Civic Literacy
- Founding Principles of the United States of America and North Carolina: Civic Literacy Honors
- American History
- American History Honors
- Economics and Personal Finance
- Economics and Personal Finance Honors
- AP United States History
- AP European History
- 1960's Era
- American Civil War
- Military History
- African American Studies
- Psychology
- AP Psychology
- AP Comparative Government
- Turning Points in American History Honors
- AP U.S. Government and Politics
- World Religions
- AP Human Geography
- The Cold War
- Mass Media
- IB History of the Americas HL
- IB World History SL
- IB Philosophy HL
- IB Psychology SL



**SS Courses Sequence for Graduation for students entering HS 2021-2022 and beyond**

	Course 1	Course 2	Course 3	Course 4
Sequence A	World History	Founding Principles of the USA and NC Civic Literacy	American History	Economics & Personal Finance
	World History Honors	Founding Principles of the USA and NC Civic Literacy Honors	American History Honors	Economics and Personal Finance Honors
	World History Honors	AP Government and Politics	American History Honors	Economics and Personal Finance Honors
Sequence B	Founding Principles of the USA and NC Civic Literacy	World History	American History	Economics and Personal Finance
	Founding Principles of the USA and NC Civic Literacy Honors	World History Honors	AP US History	Economics and Personal Finance Honors
	Founding Principles of the USA and NC Civic Literacy Honors	AP World History	AP US History	Economics and Personal Finance Honors

**SS Courses Sequence for Graduation for students entering HS 2020-2021**

	Course 1	Course 2	Course 3	Course 4
Sequence A	World History	Founding Principles of the USA and NC Civic Literacy	American History	Economics and Personal Finance
	World History Honors	Founding Principles of the USA and NC Civic Literacy	American History Honors	Economics and Personal Finance Honors
	World History Honors	AP Government and Politics	American History Honors	Economics and Personal Finance Honors
Sequence B	C/E	World History	American History	Economics and Personal Finance
Sequence C	C/E Honors	AP World History	AP US History	Economics and Personal Finance

- **Economics and Personal Finance is a graduation requirement for students entering high school in the 20-21 school year.**
- **American I and II was phased out after the 20-21 school year.**
- AP US History fulfills the American History requirement.
- AP Government and Politics fulfills the Founding Principles of the USA and NC Civic Literacy requirement beginning with the 21-22 school year.

**SS Course Sequence for students already in HS from 2014-15 until 2019-2020**

	Course 1	Course 2	Course 3	Course 4
Sequence A	World History	C/E	Amer. History I	Amer. History II
	World History Honors	C/E Honors	American I Honors	SS Elective
	World History Honors	C/E Honors	American I Honors	American II Honors
Sequence B	C/E	World History	Amer. History I	SS Elective
	C/E Honors	AP World	AP US History	Amer. History II
	C/E Honors	AP World	AP US History	SS Elective
Sequence C	C/E	World History	American History	SS Elective
	World History	C/E	American History	Economics and Personal Finance



## **WORLD HISTORY**

**Course #: 43032X0**

**Course Credit: 1 unit**

**Course Description:** This course is designed to be a historical study of societies, nations, economies, events, and cultures of the many regions of the world, providing historical background for each area and details inclusive of change over time, historical impact, religion, diplomacy, culture practices and beliefs, and economic, political, and social institutions. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity. The goal of this course is to blend the historical with the contemporary/current so that students begin to acquire an understanding of how the historical events and decisions of ancient, classical, and modern history have implications or lasting impacts that have influenced the world in which we currently live.

## **WORLD HISTORY HONORS**

**Course #: 43035X0**

**Course Credit: 1 unit**

**Course Description:** This course is designed to challenge students and is intended to be a historical study of societies, nations, economies, events, and cultures of the many regions of the world, providing historical background for each area and details inclusive of change over time, historical impact, religion, diplomacy, culture practices and beliefs, and economic, political, and social institutions. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity. The goal of this course is to blend the historical with the contemporary/current so that students begin to acquire an understanding of how the historical events and decisions of ancient, classical, and modern history have implications or lasting impacts that have influenced the world in which we currently live.

## **AP WORLD HISTORY: MODERN**

**Course #: 4A097X0**

**Course Credit: 1 Unit**

**Course Description:** This course concentrates on the patterns of global processes and contacts in interaction with different types of human societies. This course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Students build an understanding of cultural, institutional and technological precedents that, along with geography, set the human stage prior to the common area. Substantial out-of-class reading, writing, and research are expected. Students are expected to take the AP World History Examination. The student may earn college credit for successful completion of the course and AP examination.

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

**Course #: 43182X0**

**Course Credit: 1 Unit**

**Course Description:** This course is designed to be a historical study of societies, nations, economies, events, and cultures of the many regions of the world, providing historical background for each area and details inclusive of change over time, historical impact, religion, diplomacy, culture practices and beliefs, and economic, political, and social institutions. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity. The goal of this course is to blend the historical with the contemporary/current so that students begin to acquire an understanding of how the historical events and decisions of ancient, classical, and modern history have implications or lasting impacts that have influenced the world in which we currently live.

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

**Course #: 43185X0**

**Course Credit: 1 Unit**

**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. Mastery of the standards and objectives of this course will inform and nurture responsible, participatory citizens who are competent and committed to the core values and founding principles of American democracy and the United States Constitution.

## **AMERICAN HISTORY**

**Course #: 43112X0**

**Course Credit: 1 Unit**

**Course Description:** This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students in this course will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past. Rooted in Inquiry-based skills, students will trace American development while learning to craft compelling questions, synthesize and evaluate evidence, develop claims, communicate ideas, and take informed action. Students will continue to build upon previous studies of American History, the fundamental concepts in civics and government, economics, behavioral science (culture), and geography taught in grades kindergarten through eight as they examine American history. As well-rounded, productive citizens, students will leave the American History course with both the knowledge and the skills to engage with the modern world by recognizing contemporary patterns and connections.

## **AMERICAN HISTORY HONORS**

**Course #: 43115X0**

**Course Credit: 1 Unit**

**Course Description:** This course is designed to challenge students. It will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students in this course will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past. Rooted in Inquiry-based skills, students will trace American development while learning to craft compelling questions, synthesize and evaluate evidence, develop claims, communicate ideas, and take informed action. Students will continue to build upon previous studies of American History, the fundamental concepts in civics and government, economics, behavioral science (culture), and geography taught in grades kindergarten through eight as they examine American history. As well-rounded, productive citizens, students will leave the American History course with both the knowledge and the skills to engage with the modern world by recognizing contemporary patterns and connections.



## **ECONOMICS AND PERSONAL FINANCE**

**Course #: 43192X0**

**Course Credit: 1 unit**

Course Description: This course will provide students the opportunity to engage in intensive application of the skills, concepts, processes, and knowledge gained in previous social studies courses and prepare them to be college, career, and civic ready. It will support the development of students who understand economic decisions, use money wisely, understand education and career choices, and understand how to be financially responsible citizens. Students are provided with the agency, tools, and knowledge necessary to live in and contribute to a financially sound society. 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.

## **ECONOMICS AND PERSONAL FINANCE HONORS**

**Course #: 43195X0**

**Course Credit: 1 unit**

Course Description: This course is designed to challenge students. It 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. It will support the development of students who understand economic decisions, use money wisely, understand education and career choices, and understand how to be financially responsible citizens. Students are provided with the agency, tools, and knowledge necessary to live in and contribute to a financially sound society. 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.

## **AP UNITED STATES HISTORY**

**Course #: 4A077X0**

**Course Credit: 1 Unit**

Course Description: Advanced Placement United States History is a course that is equivalent to an introductory American History course at the college level. This course provides an analytical and historical study of the United States by examining the major trends and events spanning United States history from the age of discovery to the present. Substantial out-of-class reading, writing, and research are expected. Pre-course reading may be required. It is recommended that students who enroll in this course have successfully completed English II. Students are expected to take the AP United States History Examination. The student may earn college credit for successful completion of the course and AP examination.

## **AP EUROPEAN HISTORY**

**Course #: 4A017X0**

**Course Credit: 1 Unit**

Course Description: This course is designed for those students who want to undertake studies on a college level. The course provides an in-depth survey study of first semester college European History. Students will explore developments in Europe from the 17th Century through the 20th Century. Students prepare to take the Advanced Placement College Board examination and have the potential to earn college credit based on their exam score. Students are expected to take the AP European History Examination. The student may earn college credit for successful completion of the course and AP examination.

## **1960'S ERA**

**Course #: 48002X0ERA**

**Course Credit: 1 Unit**

Course Description: This course is designed for students to explore one of the most controversial eras in American History. Topics that will be covered in great detail include the Baby Boom Generation, John F. Kennedy and Lyndon B. Johnson's presidential administrations, the Civil Rights Movement, the Vietnam War, Counter Culture, and the Space Race. Students will learn how this era has altered the United States and changed how Americans look at themselves and the future of the country.

## **AMERICAN CIVIL WAR**

**Course #: 48002X0ACW**

**Course Credit: 1 Unit**

Course Description: This course will explore the watershed event in American History, the Civil War, from several perspectives, including its military, political, cultural and strategic significance. Students will examine the war's impact on the civilians and personnel caught up in it. Emphasis will be placed on military campaigns and strategy, the political aspects of the struggle, the life of the common soldier, and the war's consequences for the people back home.

## **MILITARY HISTORY (AND ITS CULTURAL IMPACT)**

**Course #: 48002X0MHC**

**Course Credit: 1 Unit**

Course Description: This course is a study of how armed conflict has been a significant factor throughout the course of human history. It will involve a discussion of its causes, course and results as well as how it affects the society it touches.

## **AFRICAN AMERICAN STUDIES**

**Course #: 46012X0**

**Course Credit: 1 Unit**

Course Description: This course is an exploration of the diverse history and culture of African Americans. Students gain a deep understanding of the historical, cultural, economic, political, and geographic experiences of African Americans. Emphasis is placed on connections among the social studies strands and across content areas.

## **PSYCHOLOGY**

**Course #: 44032X0**

**Course Credit: 1 Unit**

Course Description: This course provides an in-depth study of psychological methods, the stages of psychological development, how cognition, learning and conditioning affect behavior, personality theories and disorders, as well as psychological disorders. Students will also research and explore major psychological researchers. It is recommended that students who enroll in this course have successfully completed English II and Biology.

## **AP PSYCHOLOGY**

**Course #: 4A057X0**

**Course Credit: 1 Unit**

Course Description: This course is designed for those students who want to undertake studies on a college level. The course provides an in-depth survey study of psychological methods, the stages of psychological development, personality theories and disorders, as well as psychological disorders. Students will also research and explore major psychological researchers. It is recommended that students who enroll in this course have successfully completed English II and Biology. Students are expected to take the AP Psychology Examination. The student may earn college credit for successful completion of the course and AP examination.

## AP COMPARATIVE GOVERNMENT

**Course #: 4A007X0**

**Course Credit: 1 Unit**

Course Description: In this course, students will compare and contrast political institutions and process across six countries (Great Britain, Mexico, Russia, Iran, China, and Nigeria) and analyze and interpret data to derive generalizations. Topics include: introduction to comparative politics; sovereignty, authority, power, political institutions; citizens, society, and the state; political and economic change; public policy.

## TURNING POINTS IN AMERICAN HISTORY HONORS

**Course #: 43095X0**

**Course Credit: 1 Unit**

Course Description: This course emphasizes in depth study of 10-15 key turning points in American History. The turning points selected can be different from those in American History in order to give students multiple perspectives on historical events. Emphasis is placed on interrelationships among events. Students will develop critical reading, writing, and speaking skills along with historical inquiry capabilities.

## AP U.S. GOVERNMENT AND POLITICS

**Course #: 4A067X0**

**Course Credit: 1 Unit**

Course Description: This course will cover in-depth the players, institutions, and history of the American political system. Students will master the following topics: the US Constitution, Political Beliefs and Behaviors, political Parties, Interest Groups, Mass Media, Institutions of National Government, Public Policy, and Civil Rights and Liberties. Students are expected to take the AP U.S. Government & Politics Examination. The student may earn college credit for successful completion of the course and AP examination.

## WORLD RELIGIONS

**Course #: 48002X0WRL**

**Course Credit: 1 Unit**

Course Description: This course is a study of how various world religions have been a significant factor in human history and will focus on basic belief systems, practices, impact on individuals and cultures, and societal impact. Students will gain an appreciation for the inception, development, and practices of various world religions throughout recorded history. They will also gain an understanding and appreciation of how various world religions have affected their lives, as well as the United States of America, both past and present.

## AP HUMAN GEOGRAPHY

**Course #: 4A027X0**

**Course Credit: 1 Unit**

Course Description: The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The general themes of AP Human Geography include: geography reflects and influences physical and human processes; spatial perspectives; geographical analysis; and, the study of geography as a social science. Successful completion of an honors or AP level social studies or English course is recommended. A strong background in science is also encouraged.

## THE COLD WAR

**Course #: 43062X0**

**Course Credit: 1 Unit**

Course Description: This course will acquaint students with the Cold War, along with its causes and ultimate impact on international relationships and domestic policies. Historical, geographical, economic, and cultural lenses will be used to examine primary and secondary sources on the subject. Critical reading, writing, and thinking will be a focus in this course.

## MASS MEDIA

**Course #: 48002X0MME**

**Course Credit: 1 Unit**

Course Description: This course will consist of writing and classroom investigation regarding how our world communicates via the various avenues of the mass media. Mass Media will focus on the world of newspapers, radio, television and the Internet. Students will examine the history, social impact, basic technical outline and the inner workings of Mass Media. The student will identify where the information is located, how the information is structured for print and broadcast, identify what is determined as newsworthy, and gain insight from hands-on experience.

## IB HISTORY OF THE AMERICAS HL

**Course #: 4I008X0**

**Course Credit: 1 Unit**

**Prerequisite: Must be an IB Diploma Candidate (WWH)**

Course Description: This course is offered during the first year of a two-year Individual and Societies curriculum. This is a survey course of North and South American history from the first recorded European contacts through approximately 1975. Topics occurring prior to or following those dates will also be discussed. The particular emphasis will focus on the period from 1870 – 1970. This course is designed to explore trends and developments, continuity and change through time and individual events. It offers a comparative look at the political, social, economic, religious, technological, and cultural histories of countries in the Western Hemisphere. Students will understand how and why there can be different accounts of history and the criteria upon which they may be judged.

## IB WORLD HISTORY SL

**Course # 4I178X0**

**Course Credit: 1 unit**

**Prerequisite: Must be an IB Diploma Candidate (WWH)**

Course Description: The DP history course is a world history course based on a comparative and multi-perspective approach to history. It involves the study of a variety of types of history, including political, economic, social and cultural, and provides a balance of structure and flexibility.

## IB PHILOSOPHY HL

**Course #: 4I078X0**

**Course Credit: 1 Unit**

**Note: WWH Students Only**

Course Description: The IB Philosophy course aims to lead students to reflect on and question the bases of knowledge and experience; develop a personal mode of thought based on critical examination of evidence and argument; formulate rational arguments; be aware of subjective and ideological biases. This course seeks to engage students in "doing" Philosophy rather than in merely learning philosophical doctrines or about the great philosophers. Students will study four philosophical themes and two specific philosophical texts in preparation for the IB Philosophy HL exam.

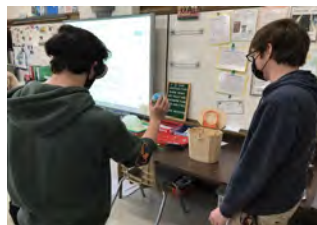
## IB PSYCHOLOGY SL

**Course #: 4I098X0**

**Course Credit: 1 Unit**

**Note: WWH Students Only**

Course Description: Psychology is most appropriately defined as the systemic study of behavior and experience. This class occupies an important position as a meeting ground for both the natural and social sciences. The variety of current research areas and applications reflect the prominent role of psychology in modern society.



# WORLD LANGUAGE

## INTRODUCTION

Being able to communicate and share information is essential to human nature. In recent years, technological advances have allowed us to connect globally, merging groups with diverse cultural and linguistic backgrounds. Within our global world, the study of a world language becomes extremely important. The Essential Standards are a comprehensive set of language skills that will be developed and used for effective communication. These skills for learning languages are known nationally as the 5 C's or Communication, Cultures, Connections, Comparisons, and Communities.

## COURSES OFFERED

- French I
- French II
- French III
- French IV
- AP French Language and Culture
- IB French SL
- Spanish I
- Spanish II
- Spanish III
- Spanish IV
- AP Spanish Language and Culture
- Spanish I for Native Speakers (Spanish Heritage I)
- Spanish II for Native Speakers (Spanish Heritage II)
- IB Spanish SL
- Latin I
- Latin II
- Latin III
- Latin IV
- AP Latin: Vergil
- IB Latin SL

### FRENCH I

**Course #: 11012X0**  
**Course Credit: 1 Unit**

Course Description: This course stresses the four language skills - listening, speaking, reading, and writing. Students study vocabulary, grammar, and sentence structure. Cultural and historical material is integrated into the course to increase student understanding of a culture other than their own.

### FRENCH II

**Course #: 11022X0**  
**Course Credit: 1 Unit**

Course Description: This course begins with a review of the material learned in French I. The four language skills introduced in level I are continued with increased emphasis on reading and culture; as well as more complex grammatical structures and additional vocabulary.

### FRENCH III

**Course #: 11035X0**  
**Course Credit: 1 Unit**

Course Description: This course is an in-depth study in application of the communication skills learned in levels I and II. Through various activities, students learn to speak the language with more fluency. Literature, history, and grammar are integral parts of this course. \*This course is Honors weight.

### FRENCH IV

**Course #: 11045X0**  
**Course Credit: 1 Unit**

Course Description: French IV is an expansion of the French III program. French IV strives to further develop communication skills. Selected readers, magazines, cultural publications, and resource people may be used. The major areas of concentration are literature, history, and grammar. \*This course is Honors weight.

### AP FRENCH LANGUAGE AND CULTURE

**Course #: 1A037X0**  
**Course Credit: 1 Unit**

Course Description: Advanced Placement French Language and Culture is designed for those students who wish to undertake studies on a college level. The College Board course of study is used and students are prepared to take the advanced placement exam, which may carry college credit if scores meet specific requirements. The focus in this course is on grammar and the four language skills: listening, speaking, reading, and writing.

### IB FRENCH SL

**Course #: 11058X0**  
**Course Credit: 1 Unit**  
**Prerequisite: French III**  
**Note: WWH Students Only**

Course Description: Continued emphasis on reading and speaking skills with exposure to a wide variety of authentic materials including but not limited to, literature, articles from the francophone press, advertisements, audio and films. Addresses social issues relating to the cultures where the language is spoken.

### SPANISH I

**Course #: 11412X0**  
**Course Credit: 1 Unit**

Course Description: This course stresses the four language skills - listening, speaking, reading, and writing. Students study vocabulary, grammar, and sentence structure. Cultural and historical material is integrated into the course to increase student understanding of a culture other than their own.



## SPANISH II

**Course #: 11422X0**

**Course Credit: 1 Unit**

Course Description: This course begins with a review of the material learned in Spanish I. The four language skills introduced in level I are continued with increased emphasis on reading and culture.

## SPANISH III

**Course #: 11435X0**

**Course Credit: 1 Unit**

Course Description: This course is an in-depth study in application of the communication skills learned in levels I and II. Through various activities, students learn to speak the language with more fluency. Literature, history, and grammar are integral parts of this course. \*This course is Honors weight.

## SPANISH IV

**Course #: 11445X0**

**Course Credit: 1 Unit**

Course Description: Spanish IV is an expansion of the Spanish III program. Spanish IV strives to further communication skills. Selected readers, magazines, cultural publications, and resource people may be used. The major areas of concentration are literature, history and grammar. \*This course is Honors weight.

## AP SPANISH LANGUAGE AND CULTURE

**Course #: 1A087X0**

**Course Credit: 1 Unit**

Course Description: Advanced Placement Spanish Language and Culture is designed for those students who wish to undertake language studies on the college level. The College Board Standard Course of Study is used and students are prepared to take the advanced placement exam which may carry college credit if scores meet specific requirements. The focus in this course is on grammar and the four language skills: listening, speaking, reading and writing.

## SPANISH I FOR NATIVE SPEAKERS (SPANISH HERITAGE I)

**Course #: 11492X0**

**Course Credit: 1 Unit**

Course Description: The Spanish for Native Speakers course (Level I) is not designed to replace English as a Second Language (ESL) instruction but instead to enhance the heritage language of the students. While many of the skills, processes, and strategies will transfer to English, the course content will be delivered in Spanish. Students who have been identified as limited-English proficient (LEP) will still need to receive assistance in learning English and in mastering content of other disciplines delivered in English.

## SPANISH II FOR NATIVE SPEAKERS (SPANISH HERITAGE II)

**Course #: 11505X0**

**Course Credit: 1 Unit**

**Prerequisite: Spanish I for Native Speakers**

Course Description: This course is designed specifically for native/heritage speakers of Spanish who already have some oral and written language proficiency. The purpose of this course is to enable students whose heritage language is Spanish to continue developing, maintaining, and enhancing proficiency in Spanish by providing them the opportunity to listen, speak, read, and write in a variety of contexts and for a variety of audiences extending beyond the family, school, and community. This course will allow students to explore the cultures of the Hispanic world and gain a better understanding of their own language. \*This course is Honors weight.

## IB SPANISH SL

**Course #: 1I158X0**

**Course Credit: 1 Unit**

**Prerequisite: Spanish III**

**Note: WHS Students Only**

Course Description: Continued emphasis on reading, writing, listening and speaking skills with exposure to a wide variety of both traditional and contemporary literature. Stress is placed on oral communication and advanced composition along with vocabulary enrichment.

## LATIN I

**Course #: 12412X0**

**Course Credit: 1 Unit**

Course Description: This course focuses on the structure of the Latin language-its forms, vocabulary, syntax, speaking skills and pronunciation. The student also becomes familiar with the customs, literature, mythology, and history of Rome through the translation of short Latin passages. The student's understanding of the English language is improved through the study of Latin derivatives and grammar. Translation skills as well as reading skills are introduced to students.

## LATIN II

**Course #: 12422X0**

**Course Credit: 1 Unit**

Course Description: This course offers further study in Latin grammar and translation. The influence of Rome and the Latin language on our language and culture is examined. The study of prefixes and other Latin word parts continues to help the student build a better English vocabulary. Reading and speaking skills continue to be emphasized and translation skills are stressed.

## LATIN III

**Course #: 12435X0**

**Course Credit: 1 Unit**

Course Description: Latin III is a survey of Latin literature by ancient authors and a continued concentration on grammar skills. Emphasis is on translation using skills acquired in Latin I and II and an increased awareness of English derivatives and vocabulary. Literature, history, grammar, writing, reading, speaking and translating are emphasized. \*This course is Honors weight.

## LATIN IV

**Course #: 12445X0**

**Course Credit: 1 Unit**

Course Description: Latin IV is an expansion of Latin III and strives to develop the various areas of language understanding and specific skills, especially reading and comprehension. Selected readers, cultural publications, and resource people may be used. The major areas of concentration are literature, history, grammar, writing, reading, speaking and translating. \*This course is Honors weight.

## AP LATIN: VERGIL

**Course #: 1A077X0**

**Course Credit: 1 Unit**

Course Description: AP Latin is designed for those students who wish to undertake studies on a college level. The College Board course of study is used and students are prepared to take the AP exam which may carry college credit if scores meet specific requirements. The focus in this course is the Vergil's Aeneid.

## IB LATIN SL

**Course #: 1I118X0**

**Course Credit: 1 Unit**

**Prerequisite: Latin III**

**Note: WWH Students Only**

Course Description: This course studies the writings of Ovid, Catullus, Horace and Virgil in preparation for the IB SL exam. A sound knowledge of Latin grammar is needed.

# ALAMANCE COMMUNITY COLLEGE

## INTRODUCTION

Courses in this section are offered through a partnership between Alamance Community College and ABSS. Qualified ABSS high school juniors and seniors can pursue college courses (tuition free) while in high school. These courses are designed for students who are college-ready while in high school and who want to get a head start on college. Please read the Career and College Promise section for eligibility requirements.

## COURSES OFFERED

- Art Appreciation
- General Biology
- Intro to Computers
- Public Speaking
- Cosmetology Concepts I
- Salon I
- Cosmetology Concepts II
- Salon II
- Criminology
- Juvenile Justice
- Criminal Law
- Court Procedure & Evidence
- Ethics and Community Relations
- Substance Abuse
- Intro to Solid Modeling
- Intro to Early Childhood Education
- Child, Family and Community
- Child Development II
- Child Guidance
- Health, Safety and Nutrition
- Writing and Inquiry
- Writing/Research in the Discipline
- Photographic Imaging I
- Photographic Imaging II
- American History I
- American History II
- Quality Control
- Machining Applications I
- Machining Applications II
- Statistical Methods I
- Intro to Jazz
- Video Production
- Digital Video Production and Editing
- General Psychology
- Intro to Sociology
- Intro to Spanish Interpretation
- Analytical Skills Spanish Interpretation
- Review of Grammar
- Intro to Translation

## ART 111 ART APPRECIATION

**Course #: 5C015X0**

**Course Credit: 1 Unit**

Course Description: This course introduces the origins and historical development of art. Emphasis is placed on the relationship of design principles to various art forms including but not limited to sculpture, painting, and architecture. Upon completion, students should be able to identify and analyze a variety of artistic styles, periods, and media.

## BIO 111 GENERAL BIOLOGY

**Course #: 3C065X0**

**Course Credit: 1 Unit**

Course Description: This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, molecular and cellular biology, metabolism and energy transformation, genetics, evolution, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels.

## CIS 110 INTRO TO COMPUTERS

**Course #: BW325X0**

**Course Credit: 1 Unit**

Course Description: This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.

## COM 231 PUBLIC SPEAKING

**Course #: 0C015X0 / 0C015X0CTC**

**Course Credit: 1 Unit**

Course Description: This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is placed on research, preparation, delivery and evaluation of informative, persuasive and special occasion public speaking. Upon completion, students should be able to prepare and deliver well-organized speeches and participate in group discussion with appropriate audiovisual support.

## COS 111 COSMETOLOGY CONCEPTS I

**Course #: WC192X02**

**Course Credit: 1 Unit**

Course Description: This course introduces basic cosmetology concepts. Topics include safety, first aid, sanitation, bacteriology, anatomy, diseases and disorders, hygiene, product knowledge, chemistry, ethics, manicures, and other related topics. Upon completion, students should be able to safely and competently apply cosmetology concepts in the salon setting.

## COS 112 SALON I

**Course #: WC192X03**

**Course Credit: 1 Credit**

Course Description: This course introduces basic salon services. Topics include scalp treatments, shampooing, rinsing, hair color, design, haircutting, permanent waving, pressing, relaxing, wigs, and other related topics. Upon completion, students should be able to safely and competently demonstrate salon services.

### **COS 113 COSMETOLOGY CONCEPTS II**

**Course #: WC202X01**

**Course Credit: 1 Unit**

Course Description: This course covers more comprehensive cosmetology concepts. Topics include safety, product knowledge, chemistry, manicuring, chemical restructuring, and hair coloring. Upon completion, students should be able to safely and competently apply these cosmetology concepts in the salon setting.

### **COS 114 SALON II**

**Course #: WC202X02**

**Course Credit: 1 Unit**

Course Description: This course provides experience in a simulated salon setting. Topics include basic skin care, manicuring, nail application, scalp treatments, shampooing, rinsing, hair color, design, haircutting, chemical restructuring, pressing, wigs, and other related topics. Upon completion, students should be able to safely and competently demonstrate these salon services.

### **CJC 112 CRIMINOLOGY**

**Course #: IJ015X0**

**Course Credit: 1 Unit**

Course Description: This course introduces deviant behavior as it relates to criminal activity. Topics include theories of crime causation; statistical analysis of criminal behavior; past, present, and future social control initiatives; and other related topics. Upon completion, students should be able to explain and discuss various theories of crime causation and societal response.

### **CJC 113 JUVENILE JUSTICE**

**Course #: IJ025X0**

**Course Credit: 1 Unit**

Course Description: This course covers the juvenile justice system and related juvenile issues. Topics include an overview of the juvenile justice system, treatment and prevention programs, special areas and laws unique to juveniles, and other related topics. Upon completion, students should be able to identify/discuss juvenile court structure/procedures, function and jurisdiction of juvenile agencies, processing/detention of juveniles, and case disposition.

### **CJC 131 CRIMINAL LAW**

**Course #: IJ035X0**

**Course Credit: 1 Unit**

Course Description: This course covers the history/evolution/principles and contemporary applications of criminal law. Topics include sources of substantive law, classification of crimes, parties to crime, elements of crimes, matters of criminal responsibility, and other related topics. Upon completion, students should be able to discuss the sources of law and identify, interpret, and apply the appropriate statutes/elements.

### **CJC 132 COURT PROCEDURE & EVIDENCE**

**Course #: WC242X01**

**Course Credit: 1 Unit**

Course Description: This course covers judicial structure/process/procedure from incident to disposition, kinds and degrees of evidence, and the rules governing admissibility of evidence in court. Topics include consideration of state and federal courts, arrest, search and seizure laws, exclusionary and statutory rules of evidence, and other related issues. Upon completion, students should be able to identify and discuss procedures necessary to establish a lawful arrest/search, proper judicial procedures, and the admissibility of evidence.

### **CJC 212 ETHICS AND COMMUNITY RELATIONS**

**Course #: WC242X02**

**Course Credit: 1 Unit**

Course Description: This course covers ethical considerations and accepted standards applicable to criminal justice organizations and professionals. Topics include ethical systems; social change, values, and norms; cultural diversity; citizen involvement in criminal justice issues; and other related topics. Upon completion, students should be able to apply ethical considerations to the decision-making process in identifiable criminal justice situations.

### **CJC 213 SUBSTANCE ABUSE**

**Course #: WC242X03**

**Course Credit: 1 Unit**

Course Description: This course is a study of substance abuse in our society. Topics include the history and classifications of drug abuse and the social, physical, and psychological impact of drug abuse. Upon completion, students should be able to identify various types of drugs, their effects on human behavior and society, and treatment modalities.

### **DFT 154 INTRO TO SOLID MODELING**

**Course #: WC292X04**

**Course Credit: 1 Unit**

Course Description: This course is an introduction to basic three-dimensional solid modeling and design software. Topics include basic design, creation, editing, rendering and analysis of solid models, and creation of multiview drawings. Upon completion, students should be able to use design techniques to create, edit, render and generate a multiview drawing.

### **EDU 119 INTRO TO EARLY CHILDHOOD EDUCATION**

**Course #: WC192X07**

**Course Credit: 1 Unit**

Course Description: This course introduces the foundations of early childhood education, the diverse educational settings for young children, professionalism and planning intentional developmentally appropriate experiences for each child. Topics include theoretical foundations, national early learning standards, NC Foundations for Early Learning and Development, state regulations, program types, career options, professionalism, ethical conduct, quality inclusive environments, and curriculum responsive to the needs of each child/family. Upon completion, students should be able to design a career/professional development plan, appropriate environments, schedules, and activity plans.

### **EDU 131 CHILD, FAMILY AND COMMUNITY**

**Course #: WC192X08**

**Course Credit: 1 Unit**

Course Description: This course covers the development of partnerships between culturally, linguistically and ability diverse families, children, schools and communities through the use of evidence-based strategies. Emphasis is placed on developing skills and identifying benefits for establishing, supporting, and maintaining respectful, collaborative relationships between diverse families, programs/schools, and community agencies/resources reflective of the NAEYC Code of Ethical Conduct. Upon completion, students should be able to identify appropriate relationship building strategies between diverse families, children, schools, and communities and demonstrate a variety of communication skills including appropriate use of technology to support every child.



### **EDU 145 CHILD DEVELOPMENT II**

**Course #: WC202X06**

**Course Credit: 1 Unit**

Course Description: This course includes the theories of child development, observation and assessment, milestones, and factors that influence development, from preschool through middle childhood. Emphasis is placed on knowledge, observation and assessment of developmental sequences in approaches to play/learning, emotional/social, health/physical, language/communication and cognitive domains. Upon completion, students should be able to compare/contrast typical/atypical developmental characteristics, explain biological and environmental factors that impact development, and identify evidence based strategies for enhancing development for children that are culturally, linguistically, and ability diverse. This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

### **EDU 146 CHILD GUIDANCE**

**Course #: WC202X07**

**Course Credit: 1 Unit**

Course Description: This course introduces evidence-based strategies to build nurturing relationships with each child by applying principles and practical techniques to facilitate developmentally appropriate guidance. Topics include designing responsive/supportive learning environments, cultural, linguistic and socio-economic influences on behavior, appropriate expectations, the importance of communication with children/families including using technology and the use of formative assessments in establishing intentional strategies for children with unique needs. Upon completion, students should be able to demonstrate direct/indirect strategies to encourage social skills, self-regulation, emotional expression and positive behaviors while recognizing the relationship between children's social, emotional and cognitive development.

### **EDU 153 HEALTH, SAFETY AND NUTRITION**

**Course #: WC192X010**

**Course Credit: 1 Unit**

Course Description: This course covers promoting and maintaining the health and well-being of every child. Topics include health and nutritional guidelines, common childhood illnesses, maintaining safe and healthy learning environments, health benefits of active play, recognition and reporting of abuse/neglect, and state regulations. Upon completion, students should be able to apply knowledge of NC Foundations for Early Learning and Development for health, safety, nutritional needs and safe learning environments.

### **ENG 111 WRITING AND INQUIRY**

**Course #: 1C025X0 / 1C025X0CTC**

**Course Credit: 1 Unit**

Course Description: This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

### **ENG 112 WRITING/RESEARCH IN THE DISCIPLINE**

**Course #: 1C035X0 / 1C035X0CTC**

**Course Credit: 1 Unit**

Course Description: This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

### **GRD 167 PHOTOGRAPHIC IMAGING I**

**Course #: WC052X06**

**Course Credit: 1 Unit**

Course Description: This course introduces basic camera operations and photographic production. Topics include subject composition, depth of field, shutter control, light control, color, photo-finishing, and digital imaging, correction and output. Upon completion, students should be able to produce traditional and/or digital photographic prints with acceptable technical and compositional quality.

### **GRD 168 PHOTOGRAPHIC IMAGING II**

**Course #: WC062X02**

**Course Credit: 1 Unit**

Course Description: This course introduces advanced camera operations and photographic production. Topics include lighting, specialized equipment, digital image correction and output, and other methods and materials. Upon completion, students should be able to demonstrate proficiency in producing high quality photographic prints.

### **HIS 131 AMERICAN HISTORY I**

**Course #: 4C055X0**

**Course Credit: 1 Unit**

Course Description: This course is a survey of American history from pre-history through the Civil War era. Topics include the migrations to the Americas, the colonial and revolutionary periods, the development of the Republic, and the Civil War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early American history.

### **HIS 132 AMERICAN HISTORY II**

**Course #: 4C065X0**

**Course Credit: 1 Unit**

Course Description: This course is a survey of American history from the Civil War era to the present. Topics include industrialization, immigration, the Great Depression, the major American wars, the Cold War, and social conflict. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in American history since the Civil War.

### **ISC 132 QUALITY CONTROL**

**Course #: WC262X012**

**Course Credit: 1 Unit**

Course Description: This course introduces quality concepts and techniques used in industry. Topics include elementary statistics and probability, process control, process capability and quality improvement tools. Upon completion, students should be able to demonstrate an understanding of the concepts and principles of quality and apply them to the work environment.

### **MAC 141 MACHINING APPLICATIONS I**

**Course #: WC262X05**

**Course Credit: 1 Unit**

Course Description: This course provides an introduction to a variety of material-working processes that are common to the machining industry. Topics include safety, process-specific machining equipment, measurement devices, set-up and layout instruments, and common shop practices. Upon completion, students should be able to safely demonstrate basic machining operations, accurately measure components, and effectively use layout instruments.

## **MAC 142 MACHINING APPLICATIONS II**

**Course #: WC262X06**

**Course Credit: 1 Unit**

Course Description: This course provides instruction in the wide variety of processes associated with machining. Topics include safety, equipment set-up, holding fixtures, tooling, cutting speeds and depths, metal properties, and proper finishes. Upon completion, students should be able to safely demonstrate advanced machining operations, accurately measure components, and produce accurate components with a proper finish.

## **MAT 152 STATISTICAL METHODS I**

**Course #: 2C025X0**

**Course Credit: 1 Unit**

Course Description: This course provides a project-based approach to introductory statistics with an emphasis on using real-world data and statistical literacy. Topics include descriptive statistics, correlation and regression, basic probability, discrete and continuous probability distributions, confidence intervals and hypothesis testing. Upon completion, students should be able to use appropriate technology to describe important characteristics of a data set, draw inferences about a population from sample data, and interpret and communicate results.

## **MUS 112 INTRO TO JAZZ**

**Course #: 5C055X0 / 5C055X0CTC**

**Course Credit: 1 Unit**

Course Description: This course introduces the origins and musical components of jazz and the contributions of its major artists. Emphasis is placed on the development of discriminating listening habits, as well as the investigation of the styles and structural forms of the jazz idiom. Upon completion, students should be able to demonstrate skills in listening and understanding this form of American music.

## **PHO 222 VIDEO PRODUCTION**

**Course #: WC052X07**

**Course Credit: 1 Unit**

Course Description: This course combines photography, light, movement, sound, music, and other elements to produce a video medium that can be informative, entertaining, and productive. Topics include video utilization, techniques and styles, pre-production scripting and planning, camera techniques, lighting, directing talent, and editing techniques. Upon completion, students should be able to create effective video productions, operate video camera equipment, and edit raw source tape to a final product.

## **PHO 242 DIGITAL VIDEO PRODUCTION AND EDITING**

**Course #: WC062X03**

**Course Credit: 1 Unit**

Course Description: This course provides an in-depth study of various aspects of computer-based editing. Emphasis is placed on video and audio recording and advanced editing techniques using computer software. Upon completion, students should be able to use computer-based hardware and software for video productions.

## **PSY 150 GENERAL PSYCHOLOGY**

**Course #: 4C085X0**

**Course Credit: 1 Unit**

Course Description: This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

## **SOC 210 INTRODUCTION TO SOCIOLOGY**

**Course #: 4C095X0/4C095X0CTC**

**Course Credit: 1 Unit**

Course Description: This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies.

## **SPI 113 INTRO TO SPANISH INTERPRETATION**

**Course #: 1C302X0I**

**Course Credit: 1 Unit**

Course Description: This course introduces the field of interpreting, interpretation models, cognitive processes associated with interpretation, professional ethical standards, employment opportunities and working conditions. Topics include specialized jargon, code of ethics, interpreter assessments/qualifications and protocol associated with various settings. Upon completion, students should be able to explain the rationale for placement of interpreters and apply ethical standards to a variety of working situations.

## **SPI 114 ANALYTICAL SKILLS SPANISH INTERPRETATION**

**Course #: 1C302X0A**

**Course Credit: 1 Unit**

Course Description: This course is designed to improve cognitive processes associated with interpreting, listening, short-term memory, semantic equivalence, visual/auditory processing, thought organization and logic. Emphasis is placed on developing skills necessary to generate equivalent messages between Spanish and English. Upon completion, students should be able to consecutively interpret non-technical, interactive messages between Spanish and English.

## **SPI 213 REVIEW OF GRAMMAR**

**Course #: 1C302X0R**

**Course Credit: 1 Unit**

Course Description: This course is designed to review the common elements of Spanish grammar in oral and written form. Emphasis is placed on the fundamental grammatical concepts of the Spanish language. Upon completion, students should be able to demonstrate comprehension and correct usage of specified grammatical concepts in both oral and written form.

## **SPI 214 INTRO TO TRANSLATION**

**Course #: 1C302X0S**

**Course Credit: 1 Unit**

Course Description: This course is designed to improve the quality of Spanish to English and English to Spanish translation. Emphasis is placed on the practice of Spanish to English and English to Spanish translation in a variety of prose styles. Upon completion, students should be able to demonstrate the usage and understanding of the processes involved in translating.

# COLLEGIATE START @ ELON

## INTRODUCTION

The sampling of courses in this section allows qualified high school seniors in the district the opportunity to pursue college courses while in high school. (See your school counselor for a complete list of courses.) These courses are designed for students who are college ready while in high school and who want to get a head start on college. Please read the Collegiate Start section for eligibility requirements.

## COURSES OFFERED (SAMPLING)

- Fundamentals of Design
- Topics in General Biology
- General Chemistry I
- General Chemistry II
- Principles of Economics
- Communications in a Global Age
- Media Writing
- Public Speaking
- Computer Science
- Writing: Argument and Inquiry
- British Literature I
- British Literature II
- American Literature I
- American Literature II
- Foreign Language
- Global Physical Environments
- The World's Regions
- Europe and the Mediterranean World to 1500
- Europe and the Mediterranean World Since 1500
- United States History Through 1865
- United States History Since 1865
- The U.S. and North Carolina Since 1865
- Calculus I
- Calculus II
- What Can we Know?
- How Should We Live?
- General Physics I
- General Physics II
- American Government
- International Relations
- Introduction to Psychology
- Religion in a Global Context
- The Hebrew Bible (Old Testament)
- Introduction to the New Testament and Early Christian Literature
- Introduction to Sociology
- Introduction to Statistical Reasoning

## ART

### ART 1120 FUNDAMENTALS OF DESIGN

**Course #:** 5U005X0EU1

**Course Credit:** 1 Unit

Course Description: This introduction to the fundamental principles and processes of two-dimensional design uses a variety of traditional and non-traditional media with an emphasis on problem-solving, craftsmanship, creative exploration and effective use of the language of art.

## BIOLOGY

### BIO 1012 TOPICS IN GENERAL BIOLOGY

**Course #:** 3U005X07

**Course Credit:** 1 Unit

Course Description: This topical approach to the foundational concepts of biology examines theories and issues in biology as they relate to varying special topics selected by the instructor.

## CHEMISTRY

### CHM 1110 GENERAL CHEMISTRY I

**Course #:** 3U005X0EUC

**Course Credit:** 1 Unit

**Corequisite:** CHML 111, laboratory component

Course Description: This course introduces fundamental principles of chemistry with special emphasis on developing skills in quantitative reasoning. Topics include stoichiometry, nomenclature, gases, atomic structure and periodicity, theories of chemical binding and thermochemistry.

### CHM 1120 GENERAL CHEMISTRY II

**Course #:** 3U005X0EUD

**Course Credit:** 1 Unit

**Prerequisites:** CHM 111 and CHML 111

**Corequisite:** CHML 112, laboratory component (Offered spring only)

Course Description: The study of fundamental chemical principles continues with chemical kinetics, liquid/solid states, chemical equilibrium (gas phase and acid/base), thermodynamics and electrochemistry.

## ECONOMICS

### ECO 1000 PRINCIPLES OF ECONOMICS

**Course #:** 2U005X0EU2

**Course Credit:** 1 Unit

Course Description: An introduction to the fundamentals of both microeconomics and macroeconomics, including supply and demand, the theory of the firm, consumer behavior, macroeconomic equilibrium, unemployment and inflation. The course also introduces students to economic methodology, including creating arguments, empirical verification and policy decision-making.



## COMMUNICATIONS

### COM 1000 COMMUNICATIONS IN A GLOBAL AGE

**Course #: 1U005X0EU3**

**Course Credit: 1 Unit**

Course Description: Contemporary media play a vital role in society. In this course, students study the importance of books, newspapers, magazines, recordings, movies, radio, television, the Internet and mobile media, and the messages carried through news, public relations and advertising. The course emphasizes the relationship of media and democracy, ethical decision-making, the diversity of audiences, and the global impact of communications.

### COM 1100 MEDIA WRITING

**Course #: 0U005X05**

**Course Credit: 1 Unit**

Course Description: Clear, logical writing is necessary to communicate effectively with an audience. This course focuses on background research, interviews, accuracy, attribution and styles of writing (print, broadcast, online, news releases). Grammar and language skills are refined, and Associated Press style is introduced.

### IDS 1150 PUBLIC SPEAKING

**Course #: 0U005X0EUB**

**Course Credit: 1 Unit**

Course Description: Students learn principles for speaking in public settings with significant in-class presentation and out-of-class topical research. The course focuses on the structure and effective delivery of ideas, use of language, supporting evidence, reasoning and emotional appeals, diction, pronunciation and nonverbal communication.

## COMPUTING SCIENCES

### CSC 1300 COMPUTER SCIENCE

**Course #: 2U005X0EU5**

**Course Credit: 1 Unit**

Course Description: This introduction to programming and problem solving emphasizes applications from quantitative disciplines and incorporates in class programming experiences.

## ENGLISH

### ENG 1100 WRITING: ARGUMENT AND INQUIRY

**Course #: 1U005X0ELU**

**Course Credit: 1 Unit**

Course Description: This first-year writing course prepares students to develop as writers through extensive practice in process strategies, argumentation, and research methods. Students will learn and apply rhetorical strategies to write effectively in print and electronic environments for a variety of audiences, and will learn to think, read, and write critically about significant issues in multiple contexts.

### ENG 2210 BRITISH LITERATURE I

**Course #: 1U005X01**

**Course Credit: 1 Credit**

Course Description: This study of British literature in its social and cultural contexts emphasizes the close reading of texts from the Anglo-Saxon, Medieval and Renaissance periods through the Enlightenment.

### ENG 2220 BRITISH LITERATURE II

**Course #: 1U005X02**

**Course Credit: 1 Unit**

Course Description: This study of British literature in its social and cultural contexts - from the Romantic, Victorian and Modernist periods through the present - emphasizes the close reading of texts representing the diversity of modern British literary expression.

### ENG 2230 AMERICAN LITERATURE I

**Course #: 1U005X0EU4**

**Course Credit: 1 Unit**

Course Description: This study of American literature in its social and cultural contexts - from Colonial and Revolutionary periods through the Romantic period - emphasizes the close reading of texts to examine American literary culture from its origins to the post-Civil War era.

### ENG 2240 AMERICAN LITERATURE II

**Course #: 1U005X0EU5**

**Course Credit: 1 Unit**

Course Description: This study of American literature in its social and cultural contexts - from the post-Civil War era, Progressive and Modernist periods up to the present - involves close reading of selected texts to stress the expansion of the American literary canon.

## FOREIGN LANGUAGE

Foreign Language studies include: French, Spanish, German, Chinese, Italian and Greek. Courses range from elementary to advanced levels. Course offerings vary by semester. The Department of Foreign Language offers language placement exams in French, German, Italian, Latin, and Spanish. Placement exams are required prior to registration to help determine appropriate course placement in the language. Contact the Department of Foreign Language for more information and to schedule an appointment: 336-278-5620; languages@elon.edu. For more information, you may also visit <http://org.elon.edu/langageplacement/faq.htm>.

## GEOGRAPHY

### GEO 1210 GLOBAL PHYSICAL ENVIRONMENTS

**Course #: 3U005X09**

**Course Credit: 1 Unit**

Course Description: Students will examine the processes that control the spatial distribution of climate, vegetation, soils and landforms. Topics include earth-sun geometry, global energy balance, hydrology, tectonics, weathering and mass wasting, climatic classification and climatographs, arid land and coastal and fluvial geomorphology. Focus will be on the Earth as the home of humans and the impact of humans on their environments.

### GEO 1310 THE WORLD'S REGIONS

**Course #: 3U005X0EUE**

**Course Credit: 1 Unit**

Course Description: This survey of the regions of the world emphasizes place names and environmental and human characteristics that provide both the common traits and the distinctive characteristics of different places. Students analyze change, problems, potentials and alternative futures and use traditional and electronic data sources, atlases and methods of data presentation.

## HISTORY

### HST 1110 EUROPE AND THE MEDITERRANEAN WORLD TO 1500

**Course #: 4U005X04**

**Course Credit: 1 Unit**

Course Description: This survey of major developments in the Mediterranean world begins with the ancient Mesopotamian and Egyptian civilizations, continues through Greece and Rome and concludes with the Middle Ages. The course will cover the rise and decline of civilizations, the transitions of great empires, change versus continuity in economic, political, social and cultural institutions over time, and interactions and mutual influences among different people.

### HST 1120 EUROPE AND THE MEDITERRANEAN WORLD SINCE 1500

**Course #: 4U005X09**

**Course Credit: 1 Unit**

Course Description: A survey of major developments in European history from 1500 to the present, this course covers the rise of the major European powers and their relations with one another and other world regions. Broad topics include transformations in cultural attitudes and practices, social relations and political organization; the devastating processes and effects of large-scale wars; and the emergence of modern economic processes and political institutions.

### HST 1210 UNITED STATES HISTORY THROUGH 1865

**Course #: 4U005X0USH**

**Course Credit: 1 Unit**

Course Description: This course surveys major developments in early U.S. history from prior to European contact through the end of the Civil War, with an emphasis on the contested and contingent nature of the American experience. It also explores the implications of these formative struggles for Americans after 1865.

### HST 1220 UNITED STATES HISTORY SINCE 1865

**Course #: 4U005X03**

**Course Credit: 1 Unit**

Course Description: This course traces some of the major political, social, economic and intellectual developments in the United States from the Civil War to the present. The title indicates both the contingent nature of these developments, as well as the interpretive nature of the discipline.

### HST 1230 THE U.S. AND NORTH CAROLINA SINCE 1865

**Course #: 4U005X0EUI**

**Course Credit: 1 Unit**

Course Description: This course traces some of the major political, social, economic and intellectual developments in the United States from the Civil War to the present. The title indicates both the contingent nature of these developments, as well as the interpretive nature of the discipline. This course explores the same national themes as HST 122 but with more attention to how they played out in a North Carolina context.

## MATHEMATICS

### MTH 1510 CALCULUS I

**Course #: 2U005X0EU6**

**Course Credit: 1 Unit**

Course Description: This rigorous first course in single variable calculus builds upon knowledge of algebra, trigonometry and functions. Students are introduced to the computational and theoretical aspects of the study of rates of change and accumulation of functions. Topics include limits and continuity, derivatives and their applications, differentiation rules, antiderivatives, the definite integral and the fundamental theorem of calculus.

### MTH 2510 CALCULUS II

**Course #: 2U005X0EU4**

**Course Credit: 1 Unit**

Course Description: Students explore applications of the definite integral, differentiation and integration of transcendental functions, techniques of integration, indeterminate forms, improper integrals, infinite sequences and series. Students will be introduced to abstract mathematical thought through formal definitions and proofs.

## PHILOSOPHY

### PHL 1100 WHAT CAN WE KNOW?

**Course #: 0U005X0EU6**

**Course Credit: 1 Unit**

Course Description: This course introduces students to the amazing diversity of knowledge. Explore questions such as: How does scientific knowledge differ from literary insight, moral intuition and spiritual wisdom? When are doubt and skepticism justified and when do these cautions keep us from risking to know the world in new ways? When is certainty unquestionable, difficult, undesirable or simply impossible? Humans have limitations. Does it follow that human knowledge also has limitations besides error and ignorance? Knowledge is growing, but are we growing more knowledgeable or just more full of information? Must real knowledge be universal and/or accessible to everyone or is some knowledge personal and/or private? Join us in thinking philosophically about what we really know about knowledge.

### PHL 1120 HOW SHOULD WE LIVE?

**Course #: 0U005X0EU4**

**Course Credit: 1 Unit**

Course Description: This course invites you to think philosophically about the meaning of our working ethical values such as responsibility, respect and compassion, but also to develop a critical perspective on values: what life might be, should be and ought to be. What is worthwhile and really matters? How does anyone know for sure? We explore the scope and depth of values such as community, beauty, justice, equality and wealth, while testing those values with rational skepticism and shared experience. The goal is to ask better questions about how we live so that we can practice those values that will enable us to bring about what is most worthwhile in action, community and in life. Offered fall and spring.

## PHYSICS

### PHY 2010 GENERAL PHYSICS I

**Course #: 3U005X0EUA**

**Course Credit: 1 Unit**

Course Description: Designed for students majoring in the biological and/or health-related sciences, this survey of classical and modern physics includes mechanics, waves, heat, electricity, magnetism, optics and atomic and nuclear physics.

### PHY 2020 GENERAL PHYSICS II

**Course #: 3U005X0EU5**

**Course Credit: 1 Unit**

Course Description: Designed for students majoring in the biological and/or health-related sciences, this survey of classical and modern physics includes mechanics, waves, heat, electricity, magnetism, optics and atomic and nuclear physics.

## POLITICAL SCIENCE

### **POL 1110 AMERICAN GOVERNMENT**

**Course #: 4U005X0EUC**

**Course Credit: 1 Unit**

Course Description: This course serves as an introduction to the national political system including the legislative, executive and judicial branches, the Constitution, political parties, interest groups, public opinion and public policy issues.

### **POL 1410 INTERNATIONAL RELATIONS**

**Course #: 4U005X0EU6**

**Course Credit: 1 Unit**

Course Description: This course gives students a basic appreciation for our world and examines political issues such as the role of power and international law in the international system and economic, social and cultural features of the world.

## PSYCHOLOGY

### **PSY 1000 INTRODUCTION TO PSYCHOLOGY**

**Course #: 4U005X0EU9**

**Course Credit: 1 Unit**

Course Description: This course surveys central topics in the field, including research methodology, learning and memory processes, social psychology, psychological disorders and personality, and considers cultural issues as appropriate in each of these domains.

## RELIGION

### **REL 1000 RELIGION IN A GLOBAL CONTEXT**

**Course #: 0U005X0EU8**

**Course Credit: 1 Unit**

Course Description: This course introduces students to the study of religion in its cultural and historical contexts and aims to familiarize students with the multi-faceted role of religion in the world including examination of social, economic, historical, political and ethical factors.

### **REL 2110 THE HEBREW BIBLE (OLD TESTAMENT)**

**Course #: 0C155X0**

**Course Credit: 1 Unit**

Course Description: This course introduces students to the critical study of the Hebrew scriptures. We will explore the ideas and practices of ancient Israel in light of the Near Eastern context in which the Bible developed, while also studying the traditions of ancient Biblical interpretation that especially shaped Judaism and Christianity. We will carefully and critically read the Bible's narratives, poems, proverbs and law codes, giving particular attention to its diverse conceptions of justice, love, holiness, gender, nature, power and God.

### **REL 2120 INTRODUCTION TO THE NEW TESTAMENT AND EARLY CHRISTIAN LITERATURE**

**Course #: 0U005X08**

**Course Credit: 1 Unit**

Course Description: In this course students approach the writings of early Christianity as literary and rhetorical responses to ancient social, political and religious concerns. Students are introduced to the multi-faceted worlds surrounding the emerging Christian communities, as well as some of the realities created by these writings. In so doing, this course equips students with the tools for reading complex and ancient texts from a critical perspective.

## SOCIOLOGY

### **SOC 1110 INTRODUCTORY SOCIOLOGY**

**Course #: 4U005X010**

**Course Credit: 1 Unit**

Course Description: This course provides an introduction to basic theoretical principles and research methods of modern sociology, including such issues as the relationship between culture, personality and society; the fundamental forms of social structure; social institutions such as religion and the family; and social processes such as deviance and social change. As part of the course, students will be introduced to the ways in which sociology is used to gain a deeper understanding of both current and time-worn social issues as well as helping students to understand the ways in which their lives and identities have been influenced and shaped by social and cultural factors, and also gives consideration to issues pertaining to social responsibility. The course provides a strong foundation, both in terms of practical learning skills and content, for upper level Elon Core Curriculum, as well as upper level sociology courses.

## STATISTICS

### **STS 1100 INTRODUCTION TO STATISTICAL REASONING**

**Course #: 2U005X0E10**

**Course Credit: 1 Unit**

Course Description: This course is intended to help students develop a deep conceptual understanding of statistics. This foundation will enable them to be rationally critical consumers of statistics, by preparing them to make informed decisions based upon the statistical information with which they are presented on a daily basis. Topics include descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. These topics are approached in a way intended to develop the associated basic skills as well as to help the students develop a deeper understanding. This preparation will make them familiar with the underlying principles and ready them to ask the right types of questions when presented with an argument that relies on statistics.







# High School Course Planning Worksheet

Use this worksheet in conjunction with your 4-year plans in Naviance to help you map out courses before entering your 8 choices and 3 alternatives online.

9 <sup>th</sup> Grade		10 <sup>th</sup> Grade		11 <sup>th</sup> Grade		12 <sup>th</sup> Grade	
1.	1.	1.	1.	1.	1.		
2.	2.		2.	2.	2.		
3.	3.		3.	3.	3.		
4.	4.		4.	4.	4.		
5.	5.		5.	5.	5.		
6.	6.		6.	6.	6.		
7.	7.		7.	7.	7.		
8.	8.		8.	8.	8.		
<b>ALTERNATES</b>		<b>ALTERNATES</b>		<b>ALTERNATES</b>		<b>ALTERNATES</b>	
1.	1.	1.	1.	1.	1.		
2.	2.		2.	2.	2.		
3.	3.		3.	3.	3.		
4.	4.		4.	4.	4.		







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Inquiries or complaints should be directed to/Consultas o quejas deben ser dirigidas a el:

Dr. Angela Bost  
Deputy Superintendent of Student Learning  
Alamance-Burlington School System  
1712 Vaughn Road  
Burlington, NC 27217  
Phone: 336-570-6060, Fax: 336-570-6218