CHRISTINA
SCHOOL DISTRICT

HIGH SCHOOL COURSE CATALOG

2026
2027

CHRISTINA SCHOOL DISTRICT
HIGH SCHOOLS

AT A GLANCE

Signature Pathways | Graduation Requirements
AP Courses | Dual Enrollment Courses
World Languages | Athletics and More!

ABOUT THIS GUIDE

This guide includes information on the Christina School District's three traditional high schools, Christiana High School (CHS), Glasgow High School (GHS) and Newark High School (NHS), along with Sarah Pyle Academy (SPA) and the Christina School District Virtual Academy (CSDVA). For information on Christina's other educational options, please visit christinak12.org.

NOTICE

The Christina School District is an equal opportunity employer and does not discriminate on the basis of race, color, religion, sex, pregnancy, national origin, citizenship, age, disability, veteran status, genetic information, sexual orientation, gender identity, or any other categories protected by federal, state, or local law. Inquiries regarding compliance with the above may be directed to the Title IX/Section 504 Coordinator, Christina School District, 1899 South College Avenue, Newark, DE 19702; Telephone: (302) 552-2600.

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PLANNING & SCHEDULING

COURSE AVAILABILITY

All courses and offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period. It is likely that some courses mentioned in this guide will not be held if the number of students requesting a course is low.

Although every effort is made to accommodate students' course requests, they may be required to select between courses that present a conflict within their schedule. If this occurs, students are encouraged to speak to their parents and seek advice from their school counselor to review options for resolving these issues.

COURSE SELECTION

The Christina School District will work collaboratively with each student and family to help select a four year pathway and course for graduation. Course selection takes place during the spring semester of each school year.

SCHEDULE CHANGES

Students are expected to request and verify appropriate course selections in the spring and request any schedule changes immediately after receiving their schedule in the fall.

Schedule changes may be made during the school's drop / add window without a penalty. Dropping a course after the drop / add window will result in a Withdrawal F for that marking period and an F for additional mark reporting cycles. This grade will impact student GPA calculations.

When considering schedule changes, students should make an appointment with their school counselor to review options and to complete the course change request process.

CHANGING A COURSE LEVEL

Students may request a change in course level with parent and administrator approval. The grade determination for lowering a course level will be made at the time of the change in level. Please see page 6 for more information about course levels.

CREDIT RECOVERY & DISTANCE LEARNING

The Christina School District offers a unique distance learning program to students to earn credits. The program gives students access to courses required for high school graduation. This web-based program utilizes instructional technology to promote self-paced mastery. This allows students to earn credits quickly while still meeting content standards. Learning is accelerated by personalized computer-assisted instruction. Once a student has completed a course, he / she can immediately begin the next one. In most courses, the students can earn exemption by taking a pre-test at the beginning of each unit.

Students can access the online program through any high-speed internet connection from home or other locations.

For more information about credit recovery and distance learning options, to include James H. Groves, please contact your school counselor.

COURSE LEVELS

ADVANCED PLACEMENT COURSES (AP)

The Advanced Placement (AP) Program has enabled millions of students to take college-level courses and earn college credit, advanced placement or both, while still in high school. AP Exams are given each year in May. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. Every aspect of AP course and exam development is the result of collaboration between AP teachers and college faculty. They work together to develop AP courses and exams, set scoring standards, and score the exams. College faculty review every AP teacher's course syllabus.

AP courses are designed to challenge students who demonstrate a consistent record of outstanding academic achievement. Rich course material, vibrant classroom discussions and demanding assignments help students develop content mastery and critical thinking skills expected of college students.

In Christina, students who enroll in AP courses are expected to take the AP Exam.

AP CAPSTONE

The Advanced Academic Program at Newark High School involves honors and Advanced Placement courses that allows the student the ability to earn the AP Capstone Diploma™. Students who complete the two-year program can earn one of two different AP Capstone awards, which are valued by colleges across the United States and around the world. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

CAREER TECHNICAL EDUCATION COURSES (CTE)

Career Technical Education (CTE) courses are part of a statewide initiative to ensure that all students have access to courses that reflect the demanding needs of the current workforce. CTE courses reflect both rigor and relevance in their content.

DUAL ENROLLMENT COURSES (DUA)

Dual enrollment allows high school students to take college-level courses at a reduced cost at their high school through partnerships between the Christina School District and Delaware State University, Delaware Tech, the University of Delaware and Wilmington University. Students earn both high school and college credit by passing the class.

The district will pay for the cost of dual enrollment tuition, when offered at the school, however, students and families will be responsible for registration fees and the cost of the textbook.

EARLY COLLEGE CREDIT (ECC)

Early College Credit (ECC) is an opportunity for students to earn college credit while in high school. Unlike dual enrollment, students who participate in ECC will earn college credits, but not high school credit. The student and family complete the course registration and are responsible for cost of the tuition and books. The school will provide time in the student's schedule to complete ECC coursework. Please see your school counselor to discuss ECC opportunites from our various post-secondary partners. Students must have a minimum cummulative GPA of 3.0 or higher for consideration. Each college/university will have specific GPA requirements to be eligible. Please contact your school counselor if you have questions.

HONORS COURSES (HON)

Honors courses (HON) are designed to challenge students who are considering future dual enrollment or AP coursework. Students enrolled in these courses are expected to utilize independent learning and study skills, and complete additional projects presented by the instructor. Students should consult a school counselor before enrolling in honors courses.

WORK-BASED LEARNING (WBL)

Work-Based Learning (WBL) opportunities have been added for all Career and Technical Education Pathways. Work-Based Learning allows senior students who have completed a Career Pathway the opportunity to practice and enhance their skills with an industry partner. WBL opportunities can take place externally, with an industry partner, or internally, via a school-based enterprise. Students who complete a CTE pathway should consult with their counselor about potential opportunities.

GRADING & EVALUATION

GRADING SCALE

The grading scale is as follows:

A+	98–100	C	70-76
A	90–97	D+	67-69
B+	87–89	D	60-66
B	80–86	F	50-59
C+	77-79		

GRADE POINT AVERAGE

The grade point average (GPA) is computed using all courses that are issued a letter grade.

A weighted GPA uses only the grades in the academic core courses of English, Mathematics, Science, Social Studies, World Language and any Advanced Placement (AP) or Dual Enrollment coursework.

Successful completion of a Dual Enrollment course or AP course, receives 0.50 additional quality points in the computation of the GPA.

Successful completion of an honors-level course receives 0.25 additional quality points in the computation of the GPA.

WEIGHTED COURSES & COLLEGE ADMISSIONS

Students taking advanced coursework through the Honors, AP or Dual Enrollment programs will earn additional quality points for each credit earned in their grade point average (GPA) upon successful completion of the course.

These additional quality points provide a boost to the student's overall weighted GPA and may improve his or her overall rank in class. Many four-year colleges and universities will recalculate a student's GPA when considering them for admission. These programs may use their own criteria which may or may not give extra points for weighted classes. It's also important to remember that many universities and colleges grant advanced standing or college credit on the basis of how well a student performs on the AP test. Additional information on course weighting and advanced standing in college is available through your school counselor.

The course weighting for advanced-level courses is as follows:

- Honors: 0.25
- AP and Dual Enrollment: 0.50

CLASS RANK

Final class rank is based on weighted GPA and is determined at the end of the student's senior year.

Eligibility for honor roll status is based on marking period GPA. Students are eligible for honor roll with a 3.0 or higher. Students earning a 4.0 are eligible for distinguished honor roll.

ATHLETIC ELIGIBILITY

Athletic eligibility is determined by DIAA eligibility guidelines.

PROMOTION

Promotion from grade 9 to 10 requires a minimum of 5 credits including:

- 1 credit in English
- 1 credit in Mathematics
- 1 credit in Science or Social Studies
- 2 additional credits (Electives and / or Pathway)

Promotion from grade 10 to 11 requires a minimum of 12 credits including:

- 2 credits in English
- 2 credits in Mathematics
- 3 credits in Science and / or Social Studies
- 1 credit in a Pathway
- 4 additional credits

Promotion from grade 11 to 12 requires a minimum of 18 credits including:

- 3 credits in English
- 3 credits in Mathematics
- 5 credits in Science and / or Social Studies
- 2 credits in a Pathway
- 5 additional credits

GRADUATION

GRADUATION REQUIREMENTS

The State of Delaware requires all students complete a minimum of 24 credits to graduate; however, the Christina School District requires 26 credits for graduation.

See page 8 for a chart of graduation requirements.

PATHWAY REQUIREMENT

The State of Delaware requires each student to complete three credits in a pathway in order to earn a high school diploma. This pathway should be included in the student's education plan as part of their Student Success Plan (SSP).

Each high school program has sequenced pathways in various programs of study that lead to innovative careers and a strong foundation that will prepare students for a variety of post high school majors. Although students can change pathways at any time, it is important that students consider their pathway early in their high school career. Since most pathways must be taken in sequence, it can be very difficult for students to get their credits if they don't plan ahead. For more information on your student's pathway, please talk to your school counselor.

SENIOR PROJECT REQUIREMENT

Seniors are required to complete a comprehensive research project that will entail research, learning the process of drafting and writing an APA format research paper, the development of a product, and an oral presentation. This project will have a cross-disciplinary focus. The completion of the senior project is mandatory for graduation. The Senior Project will be a product developed in Capstone.

CAPSTONE REQUIREMENT

The Christina Capstone course is designed to ensure students in the Christina School District graduate, with a focus on College and Career Readiness, with exposure to Delaware's Work Based Learning Standards, Regulation 507 regarding Student Success Planning, SAT preparation, Dual Enrollment opportunities, and culminating in a Christina Capstone Project. The course focuses on the following competencies; Communication, Teamwork, Leadership, Problem Solving and Complex Thinking.

STUDENT SUCCESS PLAN (SSP) REQUIREMENT

Every Delaware student in grades 8-12 shall have a SSP based on exposure to the following:

- Opportunities to learn about career and industry trends and earning potential, such as career speakers, work-based learning opportunities, career and technical student organization activities and career compass activities.
- Opportunities to identify their strengths and interests connected to careers, such as Armed Services Vocational Aptitude Battery and career interest surveys, as well as meetings with counselors, teachers, parents, guardians, care-givers at regular intervals to discuss student interests regarding careers.
- Opportunities to identify educational and financial requirements related to potential career interests, such as college representative presentations, college visits, financial aid presentations and financial literacy classes.

By the student's final year of high school, the SSP shall identify the necessary steps to transition to the next phase of the student's career plan.

MIDDLE SCHOOL CREDITS

High school courses offered in the middle grades (6-8) are the pre-requisites to advanced courses offered in high school. Pre-requisite acknowledgement will be honored, given a passing final grade, for the following courses taken in middle school:

- Algebra I
- French I
- Geometry
- Spanish I

Students will still be expected to complete the required credits of Math and World Language in high school. The pre-requisite courses will allow students to begin in an accelerated track in Grade 9. Middle school courses that follow high school curriculum do not factor into the GPA. It is important to consult with your school counselor to determine the best course options considering a student's academic history and post-secondary goals.

GRADUATION

GRADUATION REQUIREMENTS	CREDITS
English English 9, English 10, English 11, English 12	4 Credits
Mathematics[1]	4 Credits
Science Earth / Physical Science, Biology, Chemistry	3 Credits
Social Studies Human Geography, Civics / Economics, U.S. History	3 Credits
Additional Science or Social Studies	1 Credit
Physical Education	1 Credit
Health	0.5 Credit
World Language 2 Credits in the Same World Language[2]	2 Credits
Pathway Requirement 3 Planned and Sequential Career Pathway Courses	3 Credits
Capstone / Senior Project and Student Success Plan (SSP) Class of 2025-2028	See page 8 for requirements.
Additional Electives	4.5 Credits
Total Credits Required	**26 Credits**

[1] *The State of Delaware requires all students to pass a mathematics course during 12th grade.*

[2] *While the State of Delaware requires only two World Language credits of the same language, the Christina School District recommends three or more credits as selective colleges and universities require three or more years of the same language. Colleges and universities do not consider credits earned in middle school.*

GRADUATION

DELAWARE VOLUNTEER CREDIT

High school students may earn one elective credit toward graduation upon completing 90 hours of community service during two semesters, through the Delaware Volunteer Credit. The semesters do not have to be consecutive or in the same calendar year. Hours must be performed outside the student's regularly scheduled school day. Volunteer hours completed as part of a service group requirement may also be used toward the Delaware Volunteer Credit. Volunteer activity cannot be political or advocacy in nature. Hours must be performed at a non-profit agency in Delaware. Service must be approved by the State Office of Volunteerism.

For more details about the Delaware Volunteer Credit, please visit volunteer.delaware.gov.

TRANSFER STUDENTS

Students who have transferred from other schools outside the Christina School District should meet with their school counselor to discuss how their transfer courses are applied towards district graduation requirements.

Upon enrollment in the Christina School District during the third or fourth year of high school, where the transfer student was on-track to graduate, a transcript and credit evaluation will be done and the school counselor may request approval for proration of elective credits.

The formula for this proration will take into account the number of credits required by the student's former school, along with the number of credits required by the Christina School District.

All content-related credits must be earned and under no circumstances may the total credits required for graduation be less than the minimum required and permitted under the State of Delaware Graduation Requirements. Requests to prorate credits must be submitted to the Office of Teaching and Learning for approval.

Please see your school counselor for additional information.

RECOMMENDED COURSES FOR COLLEGE-BOUND STUDENTS

Four-year college or university admissions can be different from school to school. As a general rule, however, most colleges recommend that students applying to a four-year college or university should complete the following courses while in high school:

- 4 years of English
- 4 years of Social Studies including a World History course
- 4 years of Mathematics
- 3-4 years of Science, including 2 lab sciences
- 2-4 years of the same World Language in high school
- 20 core area courses total (English, Mathematics, Science, Social Studies and World Language courses)

Please consult with your school counselor to be certain which courses may be required for your colleges of interest.

COMMUNITY SERVICE, FINANCIAL AID & SCHOLARSHIPS

COMMUNITY SERVICE

Community service is highly encouraged but not mandatory. Current students who have earned community service hours will be able to document those hours on their resume and Student Success Plans.

Additionally, students will be encouraged to pursue the Delaware Volunteer Credit (DVC) by completing 90 hours of community service during two semesters in high school. This one elective credit can be used towards graduation. Students who receive the credit will earn a certificate of appreciation signed by the Governor and the Secretary of the Delaware Department of Education.

For ideas on where to perform your community service hours, please visit volunteer.delaware.gov and delaware211.org.

FINANCIAL AID & SCHOLARSHIPS

School counselors have a wealth of information on scholarships and financial aid for college. To learn more about state scholarships and grants, please visit the delawarestudentsuccess.org.

SEED SCHOLARSHIP

College tuition doesn't always fit into every budget. That's why the SEED (Student Excellence Equals Degree) Scholarship program was started. If you attend a Delaware high school, keep your grades up and stay out of trouble, you may be eligible to go to Delaware Tech or the University of Delaware Flex Pathway tuition-free. To learn more, please visit dtcc.edu.

INSPIRE SCHOLARSHIP

The Inspire Scholarship is available to Delaware high school graduates with excellent credentials to attend Delaware State University. To learn more about the Inspire Scholarship, please visit desu.edu.

FEDERAL STUDENT AID PROGRAMS

Federal student aid is financial assistance that's available through the U.S. Department of Education's Office of Federal Student Aid. Federal student aid covers school expenses such as tuition and fees, room and board, books and supplies, and transportation. This aid can also help you pay for a computer and dependent childcare expenses. There are three categories of federal student aid: grants, work-study and loans.

- Federal Pell Grant
- Academic Competitiveness Grant
- National Science and Mathematics Access to Retain Talent Grant
- Teacher Education Assistance for College and Higher Education Grant
- Federal Stafford Loan
- Federal PLUS Loan
- Campus-Based Programs
- Federal Supplemental Educational Opportunity Grant
- Federal Work-Study
- Federal Perkins Loan

To learn more about federal student aid, please visit studentaid.gov.

With a few exceptions, Federal Pell Grants are available only to undergraduate students for a maximum lifetime limit of 18 semesters or its equivalent. Grants do not have to be repaid. For more information about financial aid, please visit www.studentaid.gov. If you need assistance filing your FAFSA, free one-on-one support is available in English and Spanish through Stand by Me at www.standbymede.org. Not all schools participate in all federal student aid programs. Check with your school's financial aid office for more information.

OUR HIGH SCHOOLS

Unique Offerings & Pathways at a Glance

CHRISTIANA HIGH SCHOOL (CHS)

HOME OF THE CHRISTIANA VIKINGS!

Christiana High School offers both a traditional and a university dual-enrollment high school experience. The Christiana Vikings Campus, Christiana High School and Middle School Honors Academy, also has a focus on agricultural sciences, health/ medical sciences, and other career and technical education programs.

PATHWAYS

- Agricultural Power & Engineering
- Allied Health
- Animal Science & Management
- AVID
- Banking
- Computer Science
- Criminal Justice
- Emergency Medical Services & Culinary and Hospitality Management
- Engineering (PLTW)
- Food Sciences
- Jobs for Delaware Graduates
- K-12 Teacher Academy
- Marketing Today
- Navy Junior ROTC
- Performing Arts (Band & Chorus)
- Plant Science
- Public & Community Health
- Visual Arts
- World Language

LANGUAGES

- French I, II, III, IV
- Spanish I, II, III, IV
- Dual Enrollment Spanish

ADVANCED PLACEMENT, DUAL ENROLLMENT AND EARLY COLLEGE CREDIT

Christiana High School offers a wide variety of advanced placement (AP), dual enrollment (DUA) and early college credit (ECC) options. Courses are offered through partnerships with the University of Delaware and Wilmington University. Please talk with your counselor and/or reference your CTE pathway for specific courses available.

ADDRESS
Chrstiana High School
190 Salem Church Road
Newark, DE 19713

WEBSITE
christinak12.org/ChristianaHS

ATHLETITC WEBSITE
vikingssports.com

TELEPHONE
302.631.2400

ATHLETICS

- Baseball
- Cheerleading
- Field Hockey
- Football
- Basketball (Boys & Girls)
- Cross Country (Boys & Girls)
- Indoor Track (Boys & Girls)
- Lacrosse (Boys & Girls)
- Soccer (Boys & Girls)
- Softball
- Swimming (Boys & Girls)
- Tennis (Boys & Girls)
- Track (Boys & Girls)
- Volleyball
- Wrestling

GLASGOW HIGH SCHOOL (GHS)

HOME OF THE GLASGOW DRAGONS!

Glasgow High School offers a traditional high school experience with a focus on hospitality, culinary arts, business and humanities.

PATHWAYS

- Air Force Junior ROTC
- AVID
- Biomedical Sciences
- Computer Science
- Criminal Justice
- Culinary & Hospitality Management
- Digital Communications Technology
- Jobs for Delaware Graduates
- K-12 Teacher Academy
- Marketing Today
- NAF Academy of Business Information Management
- NAF Academy of Finance
- Performing Arts (Band & Chorus)
- Visual Arts
- World Language

LANGUAGES

- Spanish I, II, III, IV, AP

ADVANCED PLACEMENT, DUAL ENROLLMENT AND EARLY COLLEGE CREDIT

Glasgow High School offers a wide variety of advanced placement (AP), dual enrollment (DUA) and early college credit (ECC) options. Courses are offered through partnerships with the University of Delaware and Wilmington University. Please talk with your counselor and/or reference your CTE pathway for specific courses available.

ADDRESS
Glasgow High School
1901 South College Avenue
Newark, DE 19702

WEBSITE
christinak12.org/GlasgowHS

ATHLETITC WEBSITE
dragonssports.com

TELEPHONE
302.631.5600

ATHLETICS

- Baseball
- Cheerleading
- Field Hockey
- Football
- Basketball (Boys & Girls)
- Cross Country (Boys & Girls)
- Indoor Track (Boys & Girls)
- Lacrosse (Boys & Girls)
- Soccer (Boys & Girls)
- Swimming (Boys & Girls)
- Tennis (Boys & Girls)
- Track (Boys & Girls)
- Softball
- Volleyball (Boys & Girls)
- Wrestling

NEWARK HIGH SCHOOL (NHS)

HOME OF THE NEWARK YELLOWJACKETS!

Newark High School offers a traditional high school experience with a focus on the art, business finance, business marketing, computer science, digital communications, engineering, drafting and design, allied health, and emergency medical services.

PATHWAYS

- AVID
- CAD
- Choral Music
- Communications Technology
- Computer Science
- Criminal Justice
- Culinary & Hospitality Management
- Digital Communications Technology
- Emergency medical Services
- Engineering (PLTW)
- Instrumental Music
- Jobs for Delaware Graduates
- K-12 Teacher Academy
- Marketing Today
- Theater
- Visual Arts
- World Language

LANGUAGES

- French I, II, III, IV, AP
- Spanish I, II, III, IV, AP
- Mandarin Chinese I, II, III, IV, AP

ADVANCED PLACEMENT, DUAL ENROLLMENT AND EARLY COLLEGE CREDIT

Newark High School offers a wide variety of advanced placement (AP), dual enrollment (DUA) and early college credit (ECC) options. Courses are offered through partnerships with the University of Delaware and Wilmington University. Please talk with your counselor and/or reference your CTE pathway for specific courses available.

ADDRESS
Newark High School
750 East Delaware Avenue
Newark, DE 19711

WEBSITE
christinak12.org/NewarkHigh

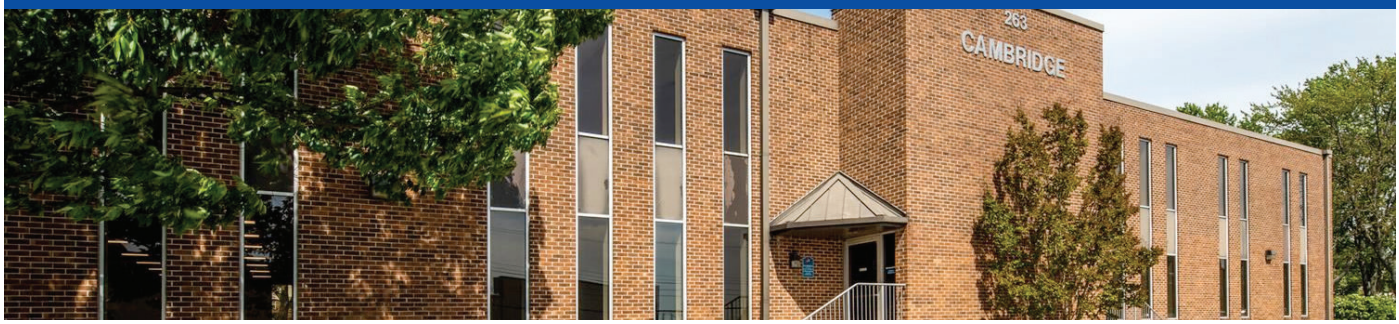
ATHLETITC WEBSITE
yellowjacketssports.com

TELEPHONE
302.631.4700

ATHLETICS

- Baseball
- Cheerleading
- Field Hockey
- Football
- Basketball (Boys & Girls)
- Cross Country (Boys & Girls)
- Indoor Track (Boys & Girls)
- Lacrosse (Boys & Girls)
- Soccer (Boys & Girls)
- Swimming (Boys & Girls)
- Tennis (Boys & Girls)
- Track (Boys & Girls)
- Softball
- Volleyball (Girls)
- Wrestling

SARAH PYLE ACADEMY (SPA)



TOGETHER INSPIRING LIFELONG SUCCESS THROUGH PERSONALIZATION.

Sarah Pyle Academy (SPA) has two state-of-the-art campuses, one in Newark and one in Wilmington SPA offers an award-winning non-traditional college prep educational program focused on dropout prevention and creating successful career and college transitions.

On our website you can view student testimonials and photos, find out more about our teachers and staff, and if you think that Sarah Pyle is what you need to get back on track for graduation, you can apply online by going to the Admissions page.

NEWARK CAMPUS
Sarah Pyle Academy
263 Chapman Road
Newark, DE 19702
302.429.4158

WILMINGTON CAMPUS
Sarah Pyle Academy
1041 Justison Street
Wilmington, DE 19801
302.722.2638

WEBSITE
christinak12.org/SarahPyleAcademy

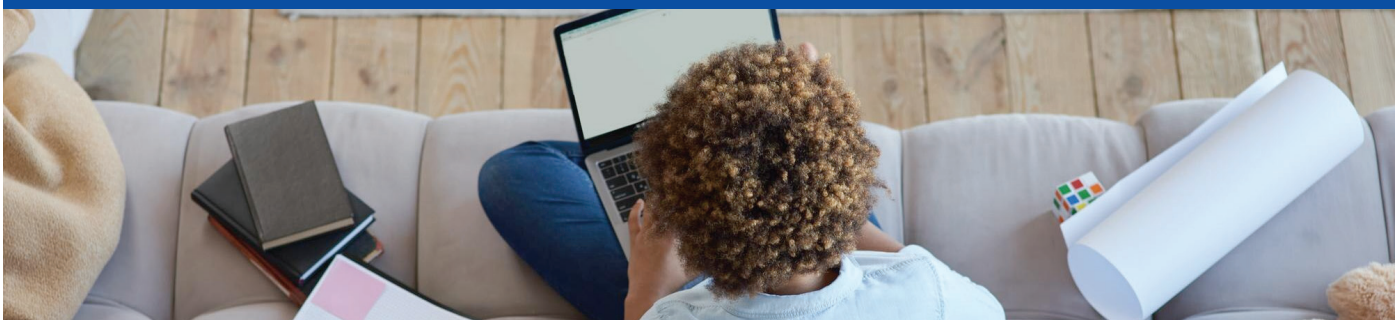
PROGRAM AT A GLANCE

- Available to students ages 16-20 who struggle in school but do not have serious disciplinary issues
- Average class size of 12 students per class
- Smaller classes utilizing a combination of text, digital, and project based learning using blended instruction and personalization
- Support services and curriculum that includes social-emotional learning, career / college planning, and work / internship experience
- Nationally recognized leader in using digital technology to enhance learning
- Google Apps for Education school where all students will work towards
- Google Certification while completing their required credits for their high school diploma
- State-of-the-art technology and online resources to extend learning beyond the classroom
- Opportunity for CTE Certification Program, Cross-Aged Mentorship / Leadership Program, Job / Internship Skill Development

WHAT SETS US APART?

- Flexible scheduling that includes work experience opportunities
- Individualized course planning and goal setting with as much or as little personalization that makes sense for you
- Bi-weekly collaborative goal setting and monitoring, guiding you to self-regulate your learning and align strategies for maximized success
- Personalized curriculum that fits how you learn best with dedicated teacher who are continually growing in personalized and digital learning and strategies
- Rigorous curriculum options that combine online and text-based resources to give students options that will help prepare them for multiple options after high school, including college, trade school, military or full-time employment
- Comprehensive student support services including career and college planning, life skills, health and wellness, counseling services, cross age mentoring, and resources for parents
- Teen Mental Health First Aid Certification for all students and staff
- Dual Enrollment opportunities through local colleges with school based support

CSD VIRTUAL ACADEMY (CSDVA)



A COMPREHENSIVE VIRTUAL LEARNING EXPERIENCE TAILORED TO A DIGITAL PLATFORM

The Christina School Distirict Virtual Academy (CSDVA) is aimed at serving students and families who prefer an on-line instructional experience with students learning within their home. Students in the CSDVA will be taught by a licensed educator and will be held to the same academic calendar, academic standards, as well as, all of the CSD Board of Education and school specific policies, such as the Student Manual.

WEBSITE
christinak12.org/CSDVA

TELEPHONE
302.354.4590

TECH REQUIREMENTS

Christina School District will work with students and parents to ensure they have access to a computer or tablet and reliable internet service . Students are expected to follow attendance requirements, including working for a minimum number of hours each day. Technology Support will be provided online and in-person by Christina School District teachers, counselors, and administrators.

ATHLETICS

Students may participate in Extracurricular activities at their CSDVA assigned home school (Christiana, Glasgow, or Newark high school)

PROGRAMMING INFORMATION

- Due to the complex nature of high school scheduling, involving multiple teachers, differentiated core classes, and unique electives, the CSDVA may not have all of the courses and opportunities that are available in the comprehensive school, but the program will have a variety of options to ensure that graduation requirements can be met. Students will have teacher support for each class, however, all teachers and students participating will be fully virtual.
- Teachers will have Virtual Academy Students on their schedule. The goal is not to have both 'Roomers and Zoomers' in any given class period, but have CSDVA classes scheduled separately from the comprehensive school classrooms to maximize the learning approaches best suited for the virtual learning environment. Students will use their class time for support, help and guidance from their teacher as they make progress toward their daily/weekly goals. Students will be working independently, with teacher support in each class/course.
- Students will take four courses each semester with flexible pacing that allows them to accelerate on material they excel in, while taking extra time for material they may be struggling with. The goal will be for all students to earn a minimum of 8 credits per school year.
- Course curriculum will be offered on a college preparatory level using district approved curriculum which follows the State of Delaware content standards.
- Students will be held to the same academic standards as their grade level peers, and will follow the same academic calendar and district policies, including the Student Code of Conduct.
- Emphasis will be placed on course completion and progress towards graduation as the main indicators of success. Students will not be permitted to "skip" assignments, and must meet the minimum passing grade for each assignment based on the Christina School District Grading Scale. Students will also have a personalized learning plan to show progress for each course

PATHWAYS AT A GLANCE

PATHWAYS	CHS	GHS	NHS
AGRICULTURAL SCIENCES & NATURAL RESOURCES			
Agricultural Power & Engineering Pathway	●		
Animal Science & Management Pathway	●		
Plant Science Pathway	●		
BUSINESS MANAGEMENT & ADMINISTRATION			
Banking Pathway	●		
Marketing Pathway	●	●	●
NAF Academy of Business Information Management Pathway		●	
NAF Academy of Finance Pathway		●	
COMMUNICATION & MEDIA			
Digital Communications Technology Pathway		●	●
EDUCATION & HUMAN STUDIES			
Criminal Justice	●	●	●
K-12 Teacher Academy Pathway	●	●	●
HEALTH SCIENCES			
Allied Health Pathway	●		●
Emergency Medical Services	●		●

PATHWAYS AT A GLANCE

PATHWAYS	CHS	GHS	NHS
HOSPITALITY & TOURISM			
Culinary & Hospitality Management Pathway	●	●	●
PERFORMING & DESIGN ARTS			
Choral Music Pathway			●
Instrumental Music Pathway			●
Performing Arts (Band, Chorus, & Theater Pathways)	●	●	●
Theater Pathway			●
Visual Arts Pathway	●	●	●
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS			
Biomedical Sciences Pathway		●	
Computer Science Pathway	●		●
Engineering Pathway	●		●
ADDITIONAL PATHWAYS			
Air Force Junior ROTC Pathway		●	
AVID: Advancement Via Individual Determination	●	●	●
Jobs for Delaware Graduates Pathway	●	●	●
Navy Junior ROTC Pathway	●		
World Langugage	●	●	●

COURSE DESCRIPTIONS

AGRICULTURAL SCIENCES

This section includes courses in the Agricultural Power & Engineering Pathway, Animal Science & Management Pathway, Biotechnology Pathway, Environmental Science & Natural Resources Pathway, Food Sciences Pathway and Plant Science Pathway.

AGRICULTURAL POWER & ENGINEERING

The Agricultural Power and Engineering program is a three-course sequence that builds skills in dynamic power systems and metal fabrication through hands-on learning. Students gain technical, communication, and problem-solving skills for careers in engineering, welding, CNC operation, mechanical trades, power technology, and green energy.

FUNDAMENTALS OF AGRICULTURAL POWER AND ENGINEERING

AGR 5510
1 SEMESTER
1 CREDIT
GRADES 9-10

The Agricultural Power and Engineering program is a three-course sequence that builds skills in dynamic power systems and metal fabrication through hands-on learning. Students gain technical, communication, and problem-solving skills for careers in engineering, welding, CNC operation, mechanical trades, power technology, and green energy.

Offered at CHS

AGRICULTURAL WELDING AND FABRICATION

AGR 5610
1 SEMESTER
1 CREDIT
GRADES 10-11

This course enables students to build on the knowledge and experiences gained in Fundamentals of Agricultural Power and Engineering. Students learn shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, agricultural welding, and metal fabrication. This course includes hands-on experiences for students to learn metallurgy, read welding drawings and identify welding symbols. Prerequisite: Fundamentals of Agricultural Power and Engineering.

Offered at CHS

POWER AND MECHANICAL SYSTEMS

AGR 5710
1 SEMESTER
1 CREDIT
GRADES 11-12

This course teaches students to apply principles of dynamic power and mechanical systems while incorporating scientific and engineering principles in power mechanical and related agricultural industries. Students learn about energy principles, engine theory, engine systems troubleshooting, electrical motor principles, hydraulic systems, and electronics. Prerequisite: Agricultural Welding and Fabrication.

Offered at CHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

AGRICULTURAL SCIENCES

ANIMAL SCIENCE & MANAGEMENT

The Animal Science & Management program is a three-course, hands-on program that explores animal care, production, health, genetics, nutrition, and food systems. Students develop decision-making and research skills through classroom, lab, and real-world experiences. The program prepares students for careers in veterinary medicine, animal science, agribusiness, wildlife and marine biology, and animal production.

FOUNDATIONS OF ANIMAL SCIENCE
AGR 9110
1 SEMESTER
1 CREDIT
GRADES 9-11

This course focuses on the fundamentals of animal science including animal origin, domestication and uses, careers in the animal industry, animal safety and sanitation, ways animals help humans, taxonomy and breeds, basic nutrition and health, biosecurity principles and environmental conditions on animals, and animal rights versus welfare. Students learn the foundational leadership skills, responsibility and cooperation needed to be a successful and productive citizen through a school-based agricultural education model that includes FFA activities, SAEs, and career and leadership development events.

Offered at CHS

GROWTH AND DEVELOPMENT OF DOMESTIC ANIMALS
AGR 9210
1 SEMESTER
1 CREDIT
GRADES 10-12

This course teaches students to apply animal science principles including biosecurity principles and environmental conditions on animals, scientific principles of anatomy, physiology and reproduction, nutrition, animal health and management, animal products and processing, laws and sustainable practices, and industry standards on the animal selection process. Students develop leadership skills, increase levels of responsibility, and engage in cooperative activities through FFA activities, SAEs, and career and leadership development events through a school-based agricultural education model. Prerequisite: Foundations of Animal Science.

Offered at CHS

DOMESTIC ANIMAL MANAGEMENT
AGR 9310
1 SEMESTER
1 CREDIT
GRADES 11-12

This course teaches students to demonstrate their mastery of the content covered in Foundations of Animal Science and Growth and Development of Domestic Animals by applying their technical knowledge and skills in the field of animal agriculture. Through hands-on activities, students apply their mastery of biosecurity principles and environmental conditions on animals, global applications of animal agriculture, reproduction and genetics, animal nutrition, animal health care and evaluation, selection and marketing, and legal responsibilities. Students also apply skills gained through SAEs, FFA leadership activities, and career and leadership development events to better serve the community through a school-based agricultural education model. Prerequisite: Growth and Development of Domestic Animals.

Offered at CHS

PLANT SCIENCE

The Plant Science program is a three-course CTE sequence focused on plant growth, reproduction, and uses for food, fiber, and ornamentals. It prepares students for careers in agronomy, horticulture, biotechnology, forestry, soil science, and turf management.

FOUNDATIONS OF PLANT SCIENCE
AGR 0110
1 SEMESTER
1 CREDIT
GRADES 9-11

This course explores the plant industries and food system of the U.S. to foster an understanding of the steps involved in growing crops for food and plants for ornamental and aesthetic purposes. Students study the major characteristics of plant life, plant structures and functions, nutrient needs of plants, fundamentals of soil science, water management, cultural practices, and pest management. Students also explore career options in the horticulture industry through classroom and laboratory instruction. Students are introduced to the foundational leadership skills, responsibility and cooperation needed to be a successful and productive citizens through a school-based agricultural education model that includes FFA activities, SAEs, and career and leadership development events.

Offered at CHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

AGRICULTURAL SCIENCES

PLANT AND SOIL SYSTEMS
AGR 0210
1 SEMESTER
1 CREDIT
GRADES 10-12

This course builds on the knowledge and experiences gained in Foundations of Plant Science. Students apply knowledge and concepts of plant science, soil science, water management, pest management, and various crop production characteristics through hands-on laboratory and experiential learning. This course uses a combination of classroom and laboratory instruction that includes land labs, greenhouses, landscape beds, floral production, and hydroponics. Students develop leadership skills, increase levels of responsibility, and engage in cooperative activities through FFA activities, SAEs, and career and leadership development events through a school-based three-component agricultural education model. Prerequisite: Foundations of Plant Science.

Offered at CHS

PLANT SYSTEMS MANAGEMENT AND SUSTAINABILITY
AGR 0310
1 SEMESTER
1 CREDIT
GRADES 11-12

This course enables students to apply principles of horticulture production and facility maintenance and design. Students learn soil conservation and land management practices, concepts related to integrated pest management and the use and application of pesticides, and principles of business management and record keeping. Students explore global economic systems, sustainability of plant life, and the multifaceted role that plants play in sustaining and improving the quality of life. Students apply skills gained through SAEs, FFA leadership activities, and career and leadership development events to better serve the community through a school-based agricultural education model. Prerequisite: Plant and Soil Systems.

Offered at CHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

AIR FORCE JUNIOR ROTC

This section includes courses in the Air Force Junior ROTC (AFJROTC) Pathway.

The AFJROTC program complements the curricula and overall educational programs of America's high schools, offering students a unique opportunity for personal growth. AFJROTC is remarkably comprehensive. To a base of American citizenship and history, AFJROTC adds a battery of values and skills indispensable to success in school and beyond.

AFJROTC teaches self-discipline, confidence, organization, ethics, integrity and responsibility. AFJROTC trains students to think on their feet, to make decisions, to work as team members, to motivate themselves and others, and to lead. AFJROTC instructors teach as much by example as by syllabus. They serve as role models for their students, and as mentors who provide strong incentives to stay in school and graduate.

Enrollment is available to students in any grade and AFJROTC may be taken every year of high school, if desired. AFJROTC is not a recruitment program for the military. Although some graduating cadets pursue military training, most do not. Participation in AFJROTC incurs no service obligation whatsoever, nor is it intended to apply any pressure in that direction. All uniforms (worn once weekly), textbook, and related materials for the course are provided at no cost to the student.

AEROSPACE SCIENCE I
ROT 2110
1 SEMESTER
1 CREDIT
GRADE 9

Introduces aviation history, focusing on flight throughout the centuries. It establishes the foundation for future Air Force JROTC aerospace science courses. Leadership education: Introduces cadets to organization, mission, traditions, goals, and objectives of JROTC. Additionally, addresses key military customs and courtesies. Covers health and physical fitness. Cadets learn about civics, our national government the value of our American flag and other national symbols. Additionally, included is an introduction to drill and ceremony. Primarily for 9, but will accept first year students in grades 10, 11 and 12.

Offered at GHS

AEROSPACE SCIENCE II
ROT 2210
1 SEMESTER
1 CREDIT
GRADE 10

Introductory course focuses on how airplanes fly weather conditions effect on flight, human body, and flight navigation. Introduces students to world's cultures through world affairs, regional studies, and cultural awareness. Leadership course emphasizes leadership and values such as service and excellence. Focuses on teaching, learning, and skills of critical thinking, communication, collaboration, and creativity. Additionally, included is advanced drill and ceremony. Fostering teamwork, discipline and a sense of accomplishment. Covers areas of health and physical fitness. Prerequisite: Aerospace Science I.

Offered at GHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

AIR FORCE JUNIOR ROTC

AEROSPACE SCIENCE III
ROT 2310
1 SEMESTER
1 CREDIT
GRADE 11

Covers exploring space and introduction to cybersecurity and technology. Leadership Education: Prepares students to obtain employment in a workplace. Learn about money management. Selecting a school that is right for them; how to admission applications. Information on working for the federal government. Finally, address civic responsibilities, such as volunteering, registering to vote, jury duty, and draft registration. Additionally, advanced drill and ceremony. Fostering teamwork and self-discipline. Covers areas of health and physical fitness. Prerequisite: Aerospace Science II.

Offered at GHS

AEROSPACE SCIENCE IV
ROT 2410
1 SEMESTER
1 CREDIT
GRADE 12

Provides survival instruction and training skills, knowledge, and attitudes necessary to successful survival in any situation. Leadership education is an opportunity to put theories of previous leadership courses into practice. Cadets will do planning, organizing, coordinating, directing, controlling, and decision-making. Practice their communication, decision-making, personal interaction, managerial, and organizational skills. Additionally, included is an advanced drill and ceremony, which foster teamwork, discipline and a sense of accomplishment. Covers areas of health and physical fitness. Prerequisite: Aerospace Science III.

Offered at GHS

AEROSPACE SCIENCE V
ROT 2510
2 SEMESTERS
1 CREDIT
GRADE 10-12

Course is a culmination of all the previous AFJROTC Management courses lessons. The course design is to allow Cadets to have hands on decision making in the outcome of the academic years planning.

AFJROTC Senior Honors Program (SHP), project provides units with students that want to continue in AFJROTC during their senior year and receive honors credit. The SHP requires SASI approval. For cadets to receive honors credit, they must meet state/district/school honors course criteria.

Prerequisite: Freshman to Junior Cadets must complete a summer Cadet Leadership Course prior to entering the next school year. Senior Aerospace Science Instructor makes all selections of the Cadets for this course.

Offered at GHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

AVID

AVID students reflect and question while mastering content rather than just repeating and memorizing. Our students work together to problem solve and to change the level of discourse in the classroom as they prepare for success. Students are taught to articulate what they don't understand and learn how to seek out the resources they need.

By teaching critical thinking, inquiry, and self-advocacy, AVID educators empower students to own their learning. Students must apply and be selected to participate in AVID.

Please see your school counselor and/or our website to learn more about the criteria and application process.

AVID 9
AVD 0910
1-2 SEMESTERS
1 CREDIT
GRADE 9

This course introduces students to the AVID college readiness system, a set of strategies to build the learning, study and academic behavioral skills that are essential for success in rigorous coursework such as honors and AP courses.

Offered at CHS, GHS and NHS

AVID 10
AVD 1010
1-2 SEMESTERS
1 CREDIT
GRADE 10

This course helps students to build a foundation for success in high school AP courses and college coursework. With a focus on developing skills in writing, inquiry, collaboration, and reading across the content areas, students also explore college and career research.

Offered at CHS, GHS and NHS

AVID 11
AVD 1110
1-2 SEMESTERS
1 CREDIT
GRADE 11

In this course students refine their writing, inquiry, collaboration, and reading skills, while also examining the college entrance essay and admission requirements for four-year universities. Students have an opportunity to build leadership experience by designing and completing service projects in this course.

Offered at CHS, GHS and NHS

AVID 12
AVD 1210
1-2 SEMESTERS
1 CREDIT
GRADE 12

This course takes students inside the college application and financial aid processes and continues to build leadership skills through service projects.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

BUSINESS MANAGEMENT & ADMINISTRATION

This section includes courses in the Accounting Pathway, Banking Pathway, Marketing Pathway, NAF Academy of Business Information Management Pathway, and NAF Academy of Finance Pathway.

BUSINESS, FINANCE AND MARKETING ESSENTIALS
BFM 1110
1 SEMESTER
1 CREDIT
GRADES 9-11

This course offers a sampling of career options focusing on business, management and administrative theories. Students learn the competencies required for effective leadership, communications, planning, organization control, decision making and teamwork. Students also solve problems typically faced by those working in law, economics, entrepreneurship, information technology, finance, credit, insurance and human resources.

Offered at CHS and NHS

BANKING SERVICES II
BFM 4210
1 SEMESTER
1 CREDIT
GRADES 10-11

Understanding and managing personal finances are key to one's future financial success. This course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Participation in Business Professionals of America is encouraged.

BANKING SERVICES III
BFM 4310
1 SEMESTER
1 CREDIT
GRADES 11-12

In depth focus on managing personal finances centered around the cycle of debt in relation to current market trends. Students will use contemporary market data to project financial decisions and options based on personal goals. Additionally, students will design and critique business financial models. Participation in Business Professionals of America is required.

CTA 206 COMPUTER APPLICATIONS
WILMINGTON UNIVERSITY
DUA 5530
1 SEMESTER
1 CREDIT
GRADES 9-12

This course provides an introduction to personal computers and their use in meeting a wide variety of application needs. It uses a simulation lab for part of the learning and offers many resources in the use of computer applications, and handling of storage media. It emphasizes the use of Windows-based operating systems and Microsoft Office-based word processing, computer presentations, and spreadsheet software. Students are also given the skills to take the Microsoft Office Specialist (MOS) Word Exam. Students will also receive an introduction to Canvas, Wilmington University's online learning platform. Students who have completed CTA 210, CTA 226 or CTA 326 should not register for CTA 206.

Offered at CHS and GHS

MARKETING

The Marketing Today! program is a three-course CTE sequence focused on digital-age marketing strategies and real-world business applications. Students gain hands-on experience through 60+ hours of work-based learning and explore careers in digital marketing, data analytics, content management, and communications.

MARKETING ESSENTIALS FOR A DIGITAL AND DYNAMIC WORLD
BFM 6510
1 SEMESTER
1 CREDIT
GRADES 9-10

Marketing is the business function that deals with customers' needs and wants. The role of marketing is to facilitate understanding of customer preferences, link that knowledge to designing appropriate products and services for selected groups of customers, and determine appropriate methods to communicate, to deliver, and to capture value. Successful firms are those that strategically pursue objectives, deploy resources, and invest in the future of an organization, to consistently satisfy the needs of customers better than competitors. Basic marketing principles apply to both for-profit and non-profit organizations.

Offered at CHS, GHS and NHS

DIGITAL & DATA DRIVEN MARKETING
BFM 6610
1 SEMESTER
1 CREDIT
GRADES 10-12

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

BUSINESS MANAGEMENT & ADMINISTRATION

As more and more human behavior takes place in digital environments and big data moves into the mainstream, marketers are pursuing the opportunity to make the profession more scientific and numbers-driven. In addition, with measurement at the center of every marketing campaign, marketers have the opportunity to assess the return on investment of their programs with unprecedented accuracy. However, this wealth of data can be overwhelming. Every channel has its own metrics, every demographic group's behavior can be mined for insights that will improve future performance. What are the numbers that matter? And what are they really telling us? How can we best leverage big data and marketing analytics to optimize results? This course explores the growing role of data in marketing. Prerequisite: Marketing Essentials for a Digital and Dynamic World.

Offered at CHS, GHS and NHS

ENTREPRENEURIAL & CORPORATE MARKETING

BFM 6710
1 SEMESTER
1 CREDIT
GRADES 11-12

The Entrepreneurial and Corporate Marketing course will have students explore the unique set of similarities and differences between entrepreneurship-based marketing and corporate-based marketing. Students will learn and apply communication strategies, problem solving and critical thinking skills and learn how systems provide efficiency in the workplace. Students will explore and exhibit leadership and teamwork throughout work-based learning activities as it pertains to marketing employment in both: the entrepreneurial setting (working within a startup) and corporate marketing careers. Prerequisites: Marketing Essentials for a Digital and Dynamic World and Digital & Data Driven Marketing.

Offered at CHS, GHS and NHS

MARKETING

WILMINGTON UNIVERSITY
DUA 5230 (ECC)
1 SEMESTER
1 CREDIT
GRADES 11-12

This course is an introduction to marketing, emphasizing the problems of policy determination by management. The nature and operation of marketing functions, consumer preferences, product planning, promotion, distribution, and pricing are studied. Environmental factors affecting marketing processes are also examined. This is a required marketing course for all business majors. Prerequisite: Completion of three (3) Business Management & Administration pathway courses.

Offered at GHS and NHS

NAF ACADEMY OF BUSINESS INFORMATION MANAGEMENT

The NAF Academy of Business Information Management is a three-credit program that builds skills in entrepreneurship, economics, information technology, customer service, and ethics. Students gain real-world experience through work-based learning and a 120-hour paid internship, earning NAFTrack Certification and preparing for careers in business and information systems management.

BUSINESS INFORMATION TECHNOLOGY

BFM 9110
1 SEMESTER
1 CREDIT
GRADES 9-11

This course examines the role of ethics across professions and provides an overview of IT today. Students consider contemporary IT issues such as security and privacy, the effects of IT on society and the individual, and technological inequality. Through a culminating project students demonstrate their knowledge and skills in exploring a serious ethical issue facing the IT industry.

Offered at GHS

GLOBAL BUSINESS ECONOMICS

BFM 9210
1 SEMESTER
1 CREDIT
GRADES 10-12

This course introduces economics as it pertains to supply, demand, profit, costs and markets with a differentiation between microeconomics and macroeconomics. This course focuses on the relationship of labor and business and provides a broad overview

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

BUSINESS MANAGEMENT & ADMINISTRATION

of the global economy. Students explore the culture, economics and fundamentals of international trade, investments, and finance. Through culminating projects students analyze financial information and assess the risks and benefits of doing business globally. Prerequisite: Business Information Technology.

Offered at GHS

ENTREPRENEURSHIP
BFM 9310
1 SEMESTER
1 CREDIT
GRADES 11-12

This course introduces the concept of service in business and the critical role of entrepreneurs in the national and global economies. Students learn how the principles of great customer service have far-ranging implications for all professional endeavors. Students also learn entrepreneurial skills including the attitudes, characteristics and techniques of successful entrepreneurs. Through a culminating project, students research the market and develop a business plan. Prerequisite: Global Business Economics.

Offered at GHS

NAF ACADEMY OF FINANCE

The NAF Academy of Finance is a three-course CTE program focused on banking, financial planning, accounting, and insurance. Students gain hands-on experience through work-based learning and a 120-hour paid internship, earning NAFTrack Certification and preparing for careers in finance and insurance.

FUNDAMENTALS OF FINANCE
BFM 4510
1 SEMESTER
1 CREDIT
GRADES 9-10

This course explores the foundation of financial literacy, the function of finance in society, and the role of a financial planner, with a focus on income and wealth, financial institutions, and finance in organizations. Students examine technology's impact on the financial services field and the importance of financial planning. Through a culminating project students demonstrate expertise on issues critical to financial independence.

Offered at GHS

PRINCIPLES OF ACCOUNTING
BFM 4610 (CTE)
1 SEMESTER
1 CREDIT
GRADES 10-11

This course provides an understanding of the critical accounting process and how it facilitates decision making by providing data and information to internal and external stakeholders. Students learn how to apply technology to accounting by creating formulas and inputting data into spreadsheets and accounting software such as QuickBooks and Peachtree. Students are introduced to the fundamentals of management accounting, manufacturing and cost accounting, budgeting, accounting for managerial decision making, and financial analysis. Technology will be used for internal decision making, planning and control. A culminating project incorporates costing and pricing, sales mix analysis, performance report preparation, financial ratio comparisons, and profitability. Prerequisite: Fundamentals of Finance.

Offered at GHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

BUSINESS MANAGEMENT & ADMINISTRATION

FINANCIAL SERVICES
BFM 4710
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course investigates the origins of money and the early history of banking in the United States. Students learn to research and discriminate between investment options through an in-depth study of the financial services industry. Through an introduction to the insurance industry, students examine the critical role it plays in the financial services sector. A culminating project combines research of potential risks, regulations and ethical issues related to insurance in order to create a comprehensive needs assessment. Prerequisite: Principles of Accounting.

Offered at GHS

UD ENTR167 ENTREPRENEURIAL EXPERIENCE
DUA 9330
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

EntreX Lab provides a hands-on approach to learn the entrepreneurial skills of idea generation, creative problem solving, leadership, evidence-based decision making, resilience, teamwork, and persuasive communication. Through first-hand experience with the entrepreneurial process, students build the mindset needed to create, capture, and deliver value from new ideas in any sector. Prerequisite: Minimum GPA of 3.0

Offered at GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

COMMUNICATION & MEDIA

The Digital Communication Technology (DCT) pathway requires students to apply the skills and tools of digital designers used in graphic design, pixel-based imagery manipulation, HTML coding, digital video production, vector image manipulation, digital illustration, and digital publishing.

Students utilize strategies to solve open-ended problems while learning how to apply technical skills, creative skills, industry knowledge, documentation techniques, and processes using modern, industry-leading technology and software.

Client-based learning experiences and industry-mentored projects introduce students to a wide array of related careers in public relations, marketing, web and digital communications and printing.

DIGITAL COMMUNICATIONS TECHNOLOGY

FOUNDATIONS OF DIGITAL DESIGN
AVC 1010
1-2 SEMESTERS*
1 CREDIT
GRADES 9-10

This course introduces students to the foundational principles, techniques, and skills of visual communications. Students learn the elements and principles of design, color theory, typography, packaging / promotional design, copyright / fair use, and image manipulation techniques along with the communication skills required to work in the media industry and a client-based realm. Students begin to develop the capstone cumulative professional portfolio.

Offered at GHS and NHS

PROCESSES OF DIGITAL DESIGN
AVC 1110
1-2 SEMESTERS*
1 CREDIT
GRADES 10-11

This course engages students to produce media and design content using the computer as an artistic medium. Students are prepared with the skills to develop digital files in Adobe Photoshop. Students learn raster image manipulation, editing, software application, publishing, digital media literacy, HTML coding, web development, and the delivery of digital products. Using the software, students will see their original design concepts and brainstorming come to actualization in the digital world. Students continue to develop the capstone cumulative portfolio through production of their media and design concepts. Prerequisite: Foundations of Digital Design.

Offered at GHS and NHS

APPLICATIONS OF DIGITAL DESIGN
AVC 1210
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course engages students in the use of the computer as an illustrative medium and film as an influential medium. Through the use of Adobe Illustrator and video production software, students prepare work in digital video production, video editing, and broadcasting of digital videos. Students are prepared in Adobe Illustrator with a focus on vector image manipulation, editing, illustration, publishing, and the delivery of digital products. Capstone skills learned from prior coursework are applied for students to develop client-based design work through district and community partnerships to with the completion of the capstone cumulative professional portfolio. Prerequisite: Processes of Digital Design.

Offered at GHS and NHS

OTHER

COMMUNICATIONS 245 MEDIA AND SOCIETY
UNIVERSITY OF DELAWARE
DUA 1400 (ECC)
1-2 SEMESERS*
1 CREDIT
GRADE 11-12

The relationship between media and culture; how media affect culture (i.e., socialization and role modeling); and exploration of new forms of mass communication.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

DRIVER EDUCATION

Driver Education is required for anyone under 18 years of age to obtain driving privileges in Delaware.

Students must be classified as a 10th-grade student or above in high school in order to be eligible to sign up for Driver Education. State law requires that students must pass five subjects, two of which must be English, Mathematics, Science, or Social Studies to be eligible for their Driver Education Certificate upon completion of all course requirements.

The State of Delaware allows students the opportunity to take Driver Education one time through a local high school.

DRIVER EDUCATION: FALL

DRI 1010
1 SEMESTER OR 1 MARKING PERIOD*
0.25 CREDIT
GRADE 10

This course consists of two separate instructional phases: the classroom theory phase, which meets for a minimum of 30 classroom hours, and the roadwork phase, which provides the student with at least 7 hours behind the wheel, plus an additional 7 hours of observation time. (Semester is determined by birth month and year.)

Offered at CHS, GHS and NHS

DRIVER EDUCATION: SPRING

DRI 2010
1 SEMESTER OR 1 MARKING PERIOD*
0.25 CREDIT
GRADE 10

This course consists of two separate instructional phases: the classroom theory phase, which meets for a minimum of 30 classroom hours, and the roadwork phase, which provides the student with at least 7 hours behind the wheel, plus an additional 7 hours of observation time. (Semester is determined by birth month and year.)

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

EDUCATION & HUMAN STUDIES

This section includes courses in the K-12 Teacher Academy Pathway.

The K-12 Teacher Academy program of study engages students in developing a realistic understanding of teaching while exploring the importance and impact of teachers.

Students will acquire the knowledge and skills needed to sustain their interest in the profession and cultivate the skills needed to be successful educators, thus creating a pipeline of high-quality students transitioning to the teaching profession.

Students will understand the rigors of a career in education and participate in classroom and field experiences relevant to pursuing a degree in education.

The program prepares students for a variety of careers in education such as elementary teacher, secondary teacher, paraprofessional, and special education teacher.

K-12 TEACHER ACADEMY

LEADERSHIP AND COLLABORATION DUA

WILMINGTON UNIVERSITY
EDU 204
1 HS CREDIT / 3 COLLEGE CREDITS
GRADES 11-12

This course has been designed to assist K-6 and middle level education teacher candidates in developing the attributes, knowledge, skills, and strategies necessary to serve as a teacher leader. The course will explore teacher leadership in a variety of capacities including but not limited to instruction/ curriculum development, assessment, school reform, classroom management, technology, advisory/mentoring, on-going professional development, and collaboration. A strong emphasis will be placed on ethical issues related to teaching and learning. Appropriate and effective oral and written communication skills will also be discussed. Moreover, teacher candidates will apply research and critical thinking skills to demonstrate scholarship related to issues in teacher leadership.

Offered at CHS

TEACHER ACADEMY I: INTRODUCTION TO EDUCATION AND HUMAN GROWTH AND DEVELOPMENT

EDU 1210
1 SEMESTER
1 CREDIT
GRADES 9-11

This course introduces students to human physical, cognitive, social and emotional development from conception to adulthood. Students examine theories supporting current thinking and research on human development and the processes and influences affecting the developing person. Students also explore challenges to normal growth and development.

Offered at CHS, GHS and NHS

TEACHER ACADEMY II: K-12 EDUCATION AS A PROFESSION

EDU 1310
1 SEMESTER
1 CREDIT
GRADES 10-12

This course explores the role of the teacher in the past, present and future in order to understand the importance of teaching in American society and its historical significance and social impact. Students explore the responsibilities and opportunities of an effective teacher at various grade bands and consider the function of the teacher as a leader. Students also identify personal professional goals to establish a path to becoming a teacher. Prerequisite: Human Growth & Development.

Offered at CHS, GHS, and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

EDUCATION & HUMAN STUDIES

TEACHER ACADEMY III: K12 FOUNDATIONS OF CURRICULUM AND INSTRUCTION

EDU 1410
1 SEMESTER
1 CREDIT
GRADES 11-12

This course explores curriculum delivery models in response to the needs of the learner. Emphasis is placed on the development of a variety of instructional materials that promote learning and a supportive classroom environment. Students analyze technology's impact on learning. Students develop lesson plans and assessments while practicing appropriate classroom management techniques to maximize the learning process for every student. Prerequisite: Teaching as a Profession.

Offered at CHS, GHS and NHS

PSYCHOLOGY OF THE EXCEPTIONAL CHILD

DUA 6540S
WILMINGTON UNIVERSITY
PSY 333
1 HS CREDIT / 3 COLLEGE CREDITS
GRADES 11-12

This course provides information and strategies for individuals working with children with exceptionalities. Emphasis is on identification, assessment, and intervention appropriate to various types of exceptionalities, as well as the impact of these exceptionalities on the social-emotional development of the child. Prerequisite:

Offered at GHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

ENGLISH

ENGLISH 9
ELA 0910
1-2 SEMESTERS*
1 CREDIT
GRADE 9

This In this course, students will engage in an in depth study of the dominant forms of writing: literary, informational and argument. Students will conduct this study through the analysis of multiple texts within that genre. Each unit is guided by a thematic focus and culminates in the students' own drafting of a piece of writing in that form. Units are designed to provide students opportunities for cross content area connections and include: informational writing unit-economics, Literary genre-romance and argumentative writing unit-sports and society. Emphasis is also placed on building student's capacity with reading through a wide variety of diverse independent choice texts including but not limited to poetry, short stories, novels, nonfiction, etc. Student choice becomes the onus for discovery of information through research based reading in the units.

Offered at CHS, GHS and NHS

ENGLISH 9 HONORS
ELA 0920 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 9

In this course, students will engage in the study of the dominant forms of writing: literary, informational and argument. Students will conduct this through the analysis of multiple texts within that genre which includes self-selected reading exploration to help increase background and content knowledge. Units are designed to provide students opportunities for cross content area connections and include: informational writing unit-economics, Literary genre-science of relationships and romance, argument-sports and society. Characteristics of these units will include advanced, complex texts for students to explore in each mode of writing. Students will develop an understanding of their own personal reading journey and learn how to evolve their experiences in reading through self-selected texts.

Offered at CHS, GHS and NHS

ENGLISH 10
ELA 1010
1-2 SEMESTERS*
1 CREDIT
GRADE 10

In this course, students will continue their investigation and inquiry of the dominant forms of writing expanding on their understanding from the prior course. Students will utilize their understanding of these forms of writing through choice and study of multiple diverse texts within the theme guiding the genre. Thematic units for the year include: informational writing unit-environmental studies, Literary genre-Latina literature and argumentative writing unit-civics. Student's continue to develop a love of reading through independent choice of texts in a wide variety of diverse options including poetry, short stories, novels, nonfiction, etc. By the end of the year students will have written in each of the writing modes and continue to improve their work on these skills.

Offered at CHS, GHS and NHS

ENGLISH 10 HONORS
ELA 1020 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 10

In this course, students will expand on the study of the dominant forms of writing: literary, informational and argument. Like in freshman year, students will conduct this through the analysis of multiple texts within that genre which includes self-selected reading exploration to help increase background and content knowledge. Units are designed to provide students opportunities for cross content area connections and include: informational writing unit-environmental studies, Literary genre-Latino(a) literature and heritage argument-civics. Characteristics of these units will include advanced, complex texts for students to explore in each mode of writing. Students should have developed a strong foundation for reading choice in freshman year but can continue to hone and explore reading through varied experiences.

Offered at CHS, GHS and NHS

AP SEMINAR
ELA 9430
2 SEMESTERS
1 CREDIT
GRADE 10

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

Offered at NHS

ENGLISH 11
ELA 1110
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This In this course, students will expand upon their writing development by integrating more sophisticated methods of analysis and understanding of texts while also preparing for the demands of college level thinking and inquiry. Students will utilize their

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

ENGLISH

understanding of these forms of writing through choice and study of multiple diverse texts within the theme guiding the genre as well as continue to expand upon their understanding of cross curricular connections with ELA. Thematic units for the year include: informational writing unit-Asia, Literary genre-Memoir and argumentative writing unit-civil war era. Choice independent reading continues during this course but a shift is made to gradually more complex texts with an emphasis on the types of writing students will need to prepare for college including but not limited to development of writing skills for the college essay and research based writing and analysis.

Offered at CHS, GHS and NHS

ENGLISH 11 HONORS

ELA 1120 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This course engages students in the careful reading and analysis of text. Close textual study allows students to deepen their understanding of elements of writing such as structure, style, theme, figurative language and tone. Units are also designed to provide students opportunities for cross content area connections and include: informational writing unit-Asia, Literary genre-Memoir, argument-Civil War. Students will utilize their understanding of these forms of writing through choice and study of multiple diverse texts within the theme guiding the genre as well as continue to expand upon their understanding of cross curricular connections with ELA. Students will begin exploring college level thinking and writing through text and research/writing projects.

Offered at CHS, GHS and NHS

AP ENGLISH LANGUAGE & COMPOSITION

ELA 1130 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This course focuses on rhetorical analysis of nonfiction texts and the development and revision of well-reasoned, evidence-centered analytical and argumentative writing. Students should be interested in studying and writing various kinds of analytical or persuasive essays. Prerequisite: English 10.

Offered at CHS, GHS and NHS

ENGLISH 12

ELA 1210
1-2 SEMESTERS*
1 CREDIT
GRADE 12

In this course, students will expand upon their writing development by integrating more sophisticated methods of analysis and understanding of texts while also preparing for the demands of college level thinking and inquiry. Students will utilize their understanding of these forms of writing through choice and study of multiple diverse texts within the theme guiding the genre as well as continue to expand upon their understanding of cross curricular connections with ELA. Thematic units for the year include: informational writing unit-World War II, Literary genre-Dystopian and argumentative writing unit-Contemporary Issues. Choice independent reading continues during this course but a shift is made to gradually more complex texts. Students will engage in the drafting of a college entrance essay as well as research writing and analysis to prepare them for the critical thinking and textual analysis demands beyond high school.

Offered at CHS, GHS and NHS

ENGLISH 12 HONORS

ELA 1220 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course engages students in the careful reading and analysis of text. Close textual study allows students to deepen their understanding of elements of writing such as structure, style, theme, figurative language and tone. Units are also designed to provide students opportunities for cross content area connections and include: informational writing unit-World War II, Literary genre-Dystopian literature, argument-Contemporary Issues. By integrating more sophisticated methods of analysis and understanding of texts this work will prepare students for the demands of college level thinking and inquiry. Students will utilize their understanding of these forms of writing through choice and study of multiple diverse texts within the theme guiding the genre as well as continue to expand upon their understanding of cross curricular connections with ELA. Students are required to complete a formal research paper that includes accurate documentation.

Offered at CHS, GHS and NHS

PRE-AP ENGLISH 2

COURSE NUMBER
?? SEMESTERS
?? CREDIT
GRADE ??

Pre-AP English 2 focuses on reading, writing, and language skills that are relevant to students' current work and essential for students' future to future high school and college coursework. Texts take center stage, preparing students for close, critical reading and analytical writing. The course trains readers to observe small details in a text to arrive at a deeper understanding of the whole. It also trains writers to create complex

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

ENGLISH

sentences—building this foundational skill en route to sophisticated, longer-form analyses.

Offered at NHS

AP ENGLISH LITERATURE & COMPOSITION
ELA 1230 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course focuses on reading, analyzing and writing about imaginative literature (fiction, poetry, drama) from various periods. Students should be interested in studying literature of various periods and genres and using wide reading knowledge in discussions of literary topics. Prerequisite: English 11 or AP English Language & Composition.

Offered at CHS, GHS and NHS

YEARBOOK
ELA 2110
1 SEMESTER
1 CREDIT
GRADES 11-12

This course is designed to develop students' skills in yearbook production by providing experiences in selected aspects of yearbook production. Students learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines; digital photography; desktop publishing and using appropriate technology tools for media production.

Offered at NHS

ENG 121 ENGLISH COMPOSITION I
WILMINGTON UNIVERSITY
DUA 3030 (ECC)
1 SEMESTER
1 CREDIT
GRADE 11

This course is designed to help students become more proficient and effective writers, while also developing reading comprehension and analysis skills. Students will study the basic tenants of effective writing before incorporating those elements into four essays and a visual presentation. Students will be introduced to effective reading strategies and will apply these to reading and writing assignments. Students will learn to write in stages, including pre-writing, drafting, and revising. Students will learn about academic integrity and submit each essay draft through SafeAssign. Prerequisite: ENG 110 with a grade of a C or higher, or placement through Accuplacer. Please speak with your school counselor for more information. Note: The minimum passing grade of ENG 121 is a C.

Offered at CHS and GHS

ENG 122 ENGLISH COMPOSITION II
WILMINGTON UNIVERSITY
DUA 3130
1 SEMESTER
1 CREDIT
GRADE 11

This course is designed to help students further develop their composition skills and become proficient in college-level research writing. Students will continue to use the writing strategies they learned in ENG 121 and apply them to four essays, including an 8-10 page researched, argumentative paper. Students will develop information literacy skills, including how to search for, evaluate, and utilize scholarly sources. Students will further develop their knowledge of APA formatting and apply it to each writing assignment. Students will learn about academic integrity and submit each essay draft through SafeAssign. Prerequisite: ENG 121 with a C or higher. The minimum passing grade of ENG 122 is a C.

Offered at CHS

MULTILINGUAL LEARNERS

ELD FOUNDATION SKILLS I
ELL9100
1-2 SEMESTERS*
1 CREDIT
GRADES 9-12

This course focuses on foundational English language development skills for students who are beginning (PL 1 and 2) language learners according to the WIDA Screener or ACCESS. Students will develop social language, general academic vocabulary and literacy skills across the content areas.

Offered at CHS, GHS and NHS

ELD FOUNDATION SKILLS II
ELL9200
1-2 SEMESTERS*
1 CREDIT
GRADES 9-12

This course focuses on foundational English language development skills for students who are high beginning (PL 1 and 2) language learners according to the WIDA Screener or ACCESS. Students will develop general academic vocabulary and literacy skills across the content areas.

Offered at CHS, GHS and NHS

ENGLISH 3D
ELL9300
1-2 SEMESTERS*
1 CREDIT
GRADES 9-12

This course focuses on technical academic English language development skills for students who are intermediate (PL 3 and 4) language learners according to the WIDA Screener or ACCESS. Students will develop specific and technical academic vocabulary and writing skills across the content areas.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

HEALTH & FITNESS

One credit of Physical Education and a half credit of Health are required during high school. The one credit in Physical Education is broken down into two half credits which are taken over the course of two school years. In some cases a student may postpone physical education when a physician certifies in writing that the student cannot participate. No credit is granted for a medical excuse. The Physical Education requirement can be completed during the following year.

HEALTH
HLT 2010
1 SEMESTER OR 1 MARKING PERIOD*
0.5 CREDIT
GRADES 9-11

This course offers a well-rounded framework of subjects that help students develop the skills to manage everyday needs. Topics include decision making in relation to substance abuse (e.g., drugs, alcohol and tobacco), the human body, chronic and infectious diseases, human sexuality, mental health, and health careers.

Offered at CHS, GHS and NHS

PHYSICAL EDUCATION I
PHY 2110
1 SEMESTER OR 1 MARKING PERIOD*
0.5 CREDIT
GRADES 9-11

This course consists of physical fitness activities and the basic fundamentals of team sports. Activities include flag football, soccer, floor hockey, basketball, volleyball and cooperative games.

Offered at CHS, GHS and NHS

PHYSICAL EDUCATION II
PHY 2210
1 SEMESTER OR 1 MARKING PERIOD*
0.5 CREDIT
GRADES 10-12

This course consists of physical fitness activities and basic fundamentals of lifetime sports. Students cover rules and strategies for participating in activities such as tennis, ultimate games, badminton, pickle ball and table tennis. Prerequisite: Physical Education I.

Offered at CHS, GHS and NHS

EXERCISE PHYSIOLOGY
PHY 3110
1 SEMESTER
0.5 CREDIT
GRADES 11-12

This course explores the adaptable nature of the human physiology, with a look at the science behind it. This course provides an opportunity to understand athletic training, anatomy and specific physiological adaptations in athletic performance. Students apply this knowledge to setting fitness goals and learn how to build a fitness plan for themselves or others. Students learn how nutrition, flexibility and proper rest are vital to maximizing one's potential.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

HEALTH & FITNESS

HUMAN ANATOMY & PHYSIOLOGY I
PHY 4110
2 SEMESTERS
1 CREDIT
GRADES 11-12

This course offers detailed knowledge about how the body functions. Specific body processes and systems are explored, showing how the anatomy achieves what the body needs. Topics include body organization cells, tissues, the skin system, skeletal system, blood, immunity and body defenses, and the endocrine system. Prerequisites: Physical Education II and Health.

Offered at NHS

WEIGHT TRAINING & CONDITIONING
PHY 5110
1 SEMESTER
0.5 CREDIT
GRADES 10-12

This activity-based course helps students develop personal fitness skills and gain knowledge of anatomy and physiology. Students learn the many aspects of physical fitness, weight training, and conditioning and their role in promoting strength, muscular endurance, cardiovascular endurance, agility and flexibility. Students apply weight training and fitness concepts through the development of their own personal fitness program. Students learn the proper use of the weight machine and free weights, and various nutritional and weight control programs. Students are expected to change into Physical Education clothing and participate daily. Note: This course cannot replace Physical Education II. Prerequisite: Physical Education I.

Offered at CHS, GHS and NHS

PRINCIPLES OF COACHING AND LEADERSHIP
PHY 6110
1 SEMESTER
0.5 CREDIT
GRADES 11-12

This course explores the psychology of coaching sports. Students examine scenarios related to motivating, encouraging and coaching athletes. Students learn what it means to coach an entire team and examine the leadership skills needed to be an effective leader. Prerequisites: Physical Education II and Health.

Offered at NHS

FITNESS / CONDITIONING ACTIVITIES
PHY 7110
1 SEMESTER
0.5 CREDIT
GRADES 11-12

This course offers a variety of fitness and physical conditioning activities that are designed to advance the overall health of the student. This course emphasizes appropriate exercise techniques and general wellness principles. Topics include the five components of physical fitness, yoga, core strength and flexibility. Prerequisite: Physical Education II.

Offered at GHS

CARDIO FITNESS
PHY 7210
1 SEMESTER
0.5 CREDIT
GRADES 11-12

This course offers an opportunity for students to develop a fitness workout plan through walking and other forms of aerobic exercise. Flexibility, cardiovascular and muscular endurance, and muscular strength are emphasized. Students will be introduced to a low-impact form of exercise that is a lifelong activity. Prerequisites: Physical Education II and Health.

Offered at NHS

PRINCIPLES OF ATHLETIC TRAINING
PHY 7510
1 SEMESTER
0.5 CREDIT
GRADES 11-12

This course is designed for students who are interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition and other areas of sports medicine. Topics include class work and practical, hands-on application in the prevention, treatment and rehabilitation of specific sports injuries, taping and wrapping injuries, emergency procedures, and sports medicine careers. Prerequisites: Physical Education II and Health.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

HEALTH SCIENCES

This section includes courses in the Allied Health Pathway, Emergency Medical Serivces Pathway, Pharmacy/ Nursing Pathway, and Public & Community Health Pathway, and other courses in Health Sciences.

ALLIED HEALTH

The Allied Health program is a three-course CTE sequence where students study medical terminology, anatomy, and essential healthcare skills through hands-on problem solving. Students gain technical and professional skills such as measuring vital signs, safety practices, and teamwork, preparing them for careers in nursing, therapy, dental hygiene, and medical lab technology.

FUNDAMENTALS OF HEALTH SCIENCES
HSC 5110
1 SEMESTER
1 CREDIT
GRADES 10-11

This course introduces students to careers in healthcare, with an exploration of the National Consortium for Health Science Education (NCHSE) National Health Science Standards, entry-level healthcare skills and the language of medicine. This course is offered as an articulated course with Delaware Technical Community College (BIO100 Medical Terminology). Students begin preparation for the NCHSE National Health Science Assessment.

Offered at CHS and NHS

ESSENTIALS OF HEALTH CAREERS
HSC 5210
1 SEMESTER
1 CREDIT
GRADES 10-12

This course helps students to become effective and efficient healthcare providers as they develop a working knowledge of various healthcare opportunities. As students explore different areas of allied health, they will discuss the potential education, advancement, employment opportunities, employment sites and financial rewards. Students will focus on careers in the healthcare field by applying classroom / lab knowledge and skills to clinical settings as they participate in direct or simulated patient care. This course is offered as an articulated course with Delaware Technical Community College (HLS100 Introduction to Health Careers). Students participate in CPR / First Aid Certification through the American Heart Association. Prerequisite: Fundamentals of Health Sciences.

Offered at CHS and NHS

ANATOMY AND PHYSIOLOGY
SCI 5020
1 SEMESTER
1 CREDIT
GRADES 10-12

This course details human anatomy and physiology and includes laboratory work in histology, cytology, and human physiological processes. This course parallels introductory courses offered at most colleges such as the University of Delaware and Delaware Technical and Community College. Prerequisites: Essentials of Health Careers and Chemistry.

Offered at CHS and NHS

EMERGENCY MEDICAL SERVICES

The Emergency Services program of study is a three (3) year Career & Technical Education (CTE) instructional program that engages students in foundational knowledge and psychomotor skills that prepares them for a career in Emergency Medical Services (EMS) as an Emergency Medical Technician (EMT) or a paramedic. Career options as a first responder as well as employability, communication, and technology skills necessary for a successful career in public service.

FUNDAMENTALS OF HEALTH SCIENCES
HSC 5110
1 SEMESTER/YEAR
1 CREDIT
GRADES 9-10

Fundamentals of Health Sciences (FHS) introduces students to careers in healthcare and is a prerequisite to the other Allied Health program of study courses. This course will explore the National Consortium for Health Science Education (NCHSE) National Health Science Standards and entry level healthcare skills as well as the language of medicine.

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

HEALTH SCIENCES

Further, this course will be offered as an articulated course with Delaware Technical Community College (BIO100 – Medical Terminology). Prerequisite - Human Growth and Development.

Offered at CHS and NHS

INTRODUCTION TO EMERGENCY MEDICAL SERVICES (EMS I)

HSC 7100
1 SEMESTER
1 CREDIT
GRADES 11-12

The introduction to Emergency Medical Services course will provide history of Emergency Medical Services and public health and provide foundational knowledge related to medical terminology, anatomy, physiology, pathophysiology, and life span development. Students will begin basic knowledge and skills related to the EMS position including CPR/First Aid, airway management, artificial ventilation, oxygenation, and EMS operations. Prerequisite - Fundamentals of Health Science

Offered at CHS and NHS

ADVANCED EMERGENCY MEDICAL SERVICES (EMS II)

HSC 7200Y / 7200S
1 SEMESTER
1 CREDIT
GRADES 11-12

This course will offer important knowledge and skills related to patient assessment. Patient assessment is one of the most important functions performed by the EMT and determines the emergency care of the patient. In addition to learning skills related to vital signs and monitoring devices, students will gain knowledge and hands-on experience with medical emergencies, trauma, and care of special patient populations. Students must turn 18 within one year of completing the program to sit for the certification exam. Prerequisite - Introduction to Emergency Medical Services.

Offered at CHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

HOSPITALITY & TOURISM

This section includes courses in the Culinary Arts Pathway.

The Culinary & Hospitality Management pathway is a three (3) and six (6) course CTE program that is supported by the National Restaurant Association Education Foundation. ProStart® trains students on industry-specific skills that can be used in all aspects of the restaurant and hospitality industry along with the employability skills like leadership, accountability, teamwork, and responsibility.

The program prepares students for careers such as Executive chef and Sous Chef, Food Service Manager, Kitchen Manager, and Line Cook.

CULINARY ARTS

FUNDAMENTALS OF CULINARY ARTS AND HOSPITALITY

FCS 1110 (CTE)
1 SEMESTER
1 CREDIT
GRADES 9-11

This course prepares students for careers in the food service industry. Topics include nutrition, preparing foods for a healthy lifestyle, safety, sanitation, organization of the work area, maintaining a safe working environment, measuring, and developing a positive attitude and a strong work ethic. Students practice honesty, reliability, punctuality, handling, taking initiative, good co-worker / supervisor relations, customer relations, listening skills, following directions and more. Students participate in local, state and national FCCLA competitions to build leadership, teamwork and workplace skills.

Offered at CHS, GHS and NHS

ADVANCED FOOD PRODUCTION AND HOSPITALITY MANAGEMENT

FCS 1210 (CTE)
1 SEMESTER
1 CREDIT
GRADES 10-12

In this course students apply industry standards to use commercial equipment and prepare standardized recipes. Students explore careers in the food service industry, creating a portfolio of career resources to prepare them for job seeking. Laboratory exercises emphasize reading, planning and designing restaurant menus, and guest speakers and chefs, culinary colleges and universities, and the military offers demonstrations that reinforce essential concepts and preparation skills. Students participate in local, state and national FCCLA competitions to build leadership, teamwork and workplace skills. Prerequisite: Food Preparation & Production.

Offered at CHS, GHS and NHS

CULINARY AND HOSPITALITY PROFESSIONALS

FCS 1310 (CTE)
1 SEMESTERS
1 CREDIT
GRADES 11-12

This course teaches advanced skills to help students become professionals in the food service industry. Students demonstrate independent skills in food preparation, planning and serving meals, good customer service, safety and sanitation, and the planning, preparation and execution of major events. Students update their portfolios, research colleges and universities, complete the college / workplace or military entrance process, and compete in events through the FCCLA and other related professional organizations. Prerequisite: Advanced Food Preparation & Production.

Offered at CHS, GHS and NHS

ADVANCED CULINARY PROFESSIONALS

REFER TO SPC 6410
WORK-BASED LEARNING ON PAGE 71
1 SEMESTER
1 CREDIT
GRADE 12

In this course students will work toward SerSafe certification, as well as, operate a student enterprise for the school and district events. Prerequisite: Senior and a Culinary Arts Pathway Completer.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

JOBS FOR DELAWARE GRADUATES

The Jobs for Delaware Graduates (JDG) program helps students reach academic and career goals, with a curriculum that features 16 school-to-work transition competencies per year.

All JDG students are eligible for membership in the Delaware Career Association (DCA), a youth organization that enhances classroom instruction with field trips, group activities and state conferences. The four goals of the DCA are leadership development, citizenship, social awareness and career preparation.

A JDG Specialist is available to assist students throughout the school year, in the summer and 12 months after graduation, to help them find jobs in the field of their choice.

JDG 9
JDG 0910 (CTE)
1-2 SEMESTERS*
1 CREDIT
GRADE 9

In this course, students will practice self-awareness and math in the workplace. Students will demonstrate problem-solving, teamwork, and presentation skills. Students will explore career clusters, qualities of an entrepreneur, and laying the foundation for career and personal success.

Offered at CHS, GHS and NHS

JDG 10
JDG 1010 (CTE)
1-2 SEMESTERS*
1 CREDIT
GRADE 10

In this course, students will students will develop leadership and decision-making skills. This course focuses on teamwork, courtesy. Students will demonstrate customer service, budgeting, and research skills. Students will explore how to succeed as an entrepreneur, research a career and apply for a job. Prerequisite: JDG 1.

Offered at CHS, GHS and NHS

JDG 11
JDG 1110 (CTE)
1-2 SEMESTERS*
1 CREDIT
GRADE 11

In this course students will demonstrate interview skills. Students will explore workplace diversity, digital citizenship, social awareness, and introduction to investment. Students will examine how to make a business plan, practice business etiquette and continue their education. Prerequisite: JDG 2.

Offered at CHS, GHS and NHS

JDG 12
JDG 1210 (CTE)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

In this course, students will explore using feedback to improve performance and how to demonstrate professional ethics and self-management. Students will examine investment tools and how to achieve entrepreneurial success. Students will design a resume, cover letter and learn how to prepare for their journey after high school. Students will be presented with community service and internship opportunities in their career field of choice. Prerequisite: JDG 3.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

MATHEMATICS

ALGEBRA I
MAT 5510
1-2 SEMESTERS*
1 CREDIT
GRADE 9

This course expands on the students understanding of using arithmetic operations and properties to include the symbolic language of algebra. Students will formalize their understanding of functions with a focus on linear and quadratic functions. Other topics will include solving equations and inequalities, linear models, systems of linear equations and inequalities, nonlinear equations, exponents and exponential functions, polynomials and factoring, solving quadratic equations, radical functions, and statistics.

Offered at CHS, GHS and NHS

GEOMETRY
MAT 5610
1-2 SEMESTERS*
1 CREDIT
GRADES 9-10

This course will teach the concepts of geometric thinking and spatial reasoning, geometric figures and their properties in two as well as three dimensions, the relationship between geometry and other mathematics and other disciplines, geometric structure, analyzing geometric relationships in order to make and verify conjectures, logical reasoning, and problem solving involving geometry, geometric patterns, coordinate systems, congruence, and similarity. Algebra I concepts will be used regularly during this course. Prerequisite: Algebra I.

Offered at CHS, GHS and NHS

HONORS GEOMETRY
MAT 5620
1-2 SEMESTERS*
1 CREDIT
GRADES 9-10

This is a rigorous and fast paced course in which students will demonstrate knowledge of concepts, definitions, properties, and application of the following topics: Measurement and reasoning, parallel and perpendicular lines, transformations, triangle congruence, relationships in triangles, quadrilaterals and other polygons, similarity, right triangles and trigonometry, coordinate geometry, circles, and probability. Students will look at math in new ways with engaging, relevant, and adaptive content. Prerequisite: Recommended B+ or better in Algebra I.

Offered at CHS, GHS and NHS

ALGEBRA II
MAT 5710
1-2 SEMESTERS*
1 CREDIT
GRADES 9-11

Students will demonstrate knowledge of concepts, definitions, properties, and application of the following topics: Linear functions and systems, quadratic functions and equations, polynomial functions, rational functions, rational exponents and radical functions, exponential and logarithmic functions, trigonometric functions, , trigonometric equations and identities, matrices, data analysis and statistics, and probability. Students will look at math in new ways with engaging, relevant, and adaptive content. Prerequisite - Geometry.

Offered at CHS and NHS

HONORS ALGEBRA II
MAT 5720
1-2 SEMESTERS*
1 CREDIT
GRADES 9-11

This is a rigorous and fast paced course in which students will demonstrate knowledge of concepts, definitions, properties, and application of the following topics: Linear functions and systems, quadratic functions and equations, polynomial functions, rational functions, rational exponents and radical functions, exponential and logarithmic functions, trigonometric functions, , trigonometric equations and identities, matrices, data analysis and statistics, and probability. Students will look at math in new ways with engaging, relevant, and adaptive content. Recommended B+ or better in Geometry.

Offered at CHS and NHS

PRE-CALCULUS
MAT 4110
1-2 SEMESTERS*
1 CREDIT
GRADES 10-12

This course is designed for students who plan to study calculus in high school or college, providing a strong foundation of pre-calculus concepts, techniques and applications using real-world problems and technology. Topics include a review of linear, quadratic and polynomial functions, with emphasis on modeling real-world situations, trigonometry and analytic geometry, exponential and logarithmic functions, sequences, combinations, descriptive and inferential statistics and curve-fitting. Prerequisite: Integrated Mathematics III or Algebra II.

Offered at GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

MATHEMATICS

PRE-CALCULUS HONORS
MAT 4120 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADES 10-12

This course is designed for students who plan to study AP Calculus in high school or college-level calculus. This course provides a strong foundation of pre-calculus concepts and techniques with an emphasis on applications and the use of technology. Topics include a review of linear, quadratic and polynomial functions, with an emphasis on modeling real-world situations, trigonometry and analytic geometry, exponential and logarithmic functions, sequences, combinations, descriptive and inferential statistics and curve-fitting. Prerequisite: Recommended B+ or better in Integrated Mathematics III or Algebra II.

Offered at CHS, GHS and NHS

CALCULUS
MAT 4210
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course is designed for the college-bound student who will encounter calculus in college in a mathematics, science, business or finance major. Topics include limits, the derivative and the integral. Students explore derivatives of polynomial, rational, trigonometric, exponential and logarithmic functions, with an emphasis on real-world applications. Students use a graphing calculator extensively in this course. Prerequisite: Pre-Calculus.

Offered at CHS, GHS and NHS

AP CALCULUS AB
MAT 4330 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course parallels the first semester course in calculus that is given in most colleges. Concepts include the fundamentals of analytic geometry and functions, limits and continuity, methods of differentiation with an emphasis on its application to maximum / minimum problems and velocity, and methods of integration with emphasis on area and volume. This course is designed to prepare students for the AP Calculus AB exam. Prerequisite: Recommended B+ or better in Pre-Calculus.

Offered at CHS, GHS and NHS

AP CALCULUS BC
MAT 4430 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course parallels two semester courses in this subject given in college. All the topics of AP Calculus AB are covered, along with the analysis of parametric, polar and vector functions, Euler's method for differential equations, the geometric interpretation of differential equations via slope fields, the convergence or divergence of series, and Taylor series. This course is designed to prepare students for the AP Calculus BC exam. Prerequisite: Recommended B+ or better in Pre-Calculus.

Offered at NHS

AP STATISTICS
MAT 5130 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course is equivalent to a college-level introductory statistics course. Topics include experimental design, exploratory data analysis, probability distributions, and statistical inference. Students design and execute experiments and surveys determining sampling methods, performing data collection and data analysis. This course is designed to prepare students AP Statistics exam. Prerequisite: Recommended B+ or better in Integrated Mathematics III, Algebra II, or Pre-Calculus.

Offered at GHS and NHS

FINANCIAL MATH LITERACY
MAT5800
1 CREDIT
1 SEMESTER
GRADE 12

Students will learn about important financial concepts. They will learn how to weigh benefits and costs of spending and saving, consequences of financial decisions, and how to prioritize their finances. There is a strong focus on real world financial situations, such as installment buying, compound and simple interest, income tax, credit cards, and business finances based in the real world as they relate to the common core standards. This course is open to seniors only. Prerequisite - Algebra II.

Offered at CHS, GHS, and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

MATHEMATICS

MAT 205 INTRODUCTORY SURVEY OF MATHEMATICS
WILMINGTON UNIVERSITY
DUA 0430 (ECC)
1 SEMESTER
1 CREDIT
GRADES 10-12

This course provides an introduction to a broad range of areas in mathematics, including algebra, probability, and statistics. Topics in algebra include solving and graphing linear, quadratic, and exponential functions in context. Topics in probability include counting principles, combination, permutations, compound and independent events. The statistics portion of the course covers measures of central tendency, measures of dispersion and the normal curve. Please note that the minimum passing grade for this course is ''C.' Prerequisite – Minimum score on the Math SAT of 530 or Accuplacer placement.

Offered at CHS

MAT 308 INFERENTIAL STATISTICS
WILMINGTON UNIVERSITY
DUA 0030
1 SEMESTER
1 CREDIT
GRADES 10-12

This course introduces the student to the scientific method of collecting, organizing, and interpreting quantitative data in real-world applications. Topics include sampling methods, graphical displays, measures of central tendency and dispersion, linear regression and correlation, continuous and discrete probability distributions, confidence intervals for one-sample means and proportions, hypothesis testing for one- and two-sample population means, and goodness of fit hypothesis testing. Effective Fall 2017, this course requires a minimum passing grade of ''C-.'' Prerequisite(s): Integrated Mathematics III with minimum grade of ''C''.

Offered at GHS

MAT 312 STATISTICS
WILMINGTON UNIVERSITY
DUA 0530S
1 SEMESTER
1 CREDIT
GRADES 11-12

Description

Offered at CHS

MAT 310 CALCULUS 1
WILMINGTON UNIVERSITY
DUA 0330
1 SEMESTER
1 CREDIT
GRADE 12

After a brief review of classes of functions and their properties, this course focuses on students' understanding and application of limits, continuity, techniques for finding the derivative, use of the derivative in graphing functions, applications of the derivative, implicit differentiation, anti-derivatives, areas under the curve, the Fundamental Theorem of Calculus, integration by substitution and differential equations. Students are required to explain their reasoning graphically, numerically, analytically, and verbally. At the conclusion of this course students will be asked to evaluate the course based on the following objectives: 1) gain factual knowledge (terminology, classifications, methods, trends); 2) learn fundamental principles, generalizations or theories; and 3) learn to apply course material (to improve thinking, problem solving and decisions). Prerequisite: MAT 205

Offered at GHS

MAT 320 FINITE MATHEMATICS
WILMINGTON UNIVERSITY
DUA 0130
1 SEMESTER
1 CREDIT
GRADE 12

This course provides a survey of selected topics in mathematics, with emphasis on problem solving and applications. Core topics include an introduction to logic, set theory, probability, systems of linear equations, and an introduction to linear programming. Additional topics may include an introduction to statistics and mathematics of finance, if time permits. Prerequisite(s): MAT 304, MAT 205, MAT 121 or college algebra equivalent.

Offered at CHS

MAT 330 DISCRETE MATHEMATICS
WILMINGTON UNIVERSITY
DUA 0230
1 SEMESTER
1 CREDIT
GRADE 12

This course provides an introduction to discrete mathematics. Topics include sets, functions and relations, mathematical induction and logic, elements of number theory, counting techniques, recursion, graphs and trees, and an introduction to Boolean algebra. Applications in computer science are reviewed. Prerequisite(s): MAT 200 and MAT 320.

Offered at CHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

NAVY JUNIOR ROTC

This section includes courses in the Navy Junior ROTC Pathway.

In these courses, cadets are required to wear the Navy uniform once a week and follow Navy uniform and grooming regulations. Cadets also participate in physical training once a week.

NAVAL SCIENCE I
ROT 3110
1-2 SEMESTERS*
2 CREDITS
GRADES 9-10

This course introduces the precepts of citizenship, the elements of leadership and the value of scholarship in attaining life goals. This course also engenders a sound appreciation for the heritage and traditions of the United States with a focus on the historical significance of sea power. This course helps students to develop a sense of pride in community, school, unit, associates and self, with a focus on self-discipline. Though not required, participation in extracurricular activities and field trips sponsored by the NJROTC is highly encouraged.

Offered at CHS

NAVAL SCIENCE II
ROT 3210
1-2 SEMESTERS*
2 CREDITS
GRADES 10-11

This course further develops the traits of citizenship and leadership. This course employs historical references in the development of sea power and the U.S. Navy, with a focus on world events in which the U.S. Navy had a significant influence. With an introduction to the technical areas of naval science study, this course engenders a deeper awareness of the vital importance of the world's oceans to the continued well-being of the U.S. Participation in extra-curricular activities and field trips is highly encouraged. Prerequisite: Naval Science I.

Offered at CHS

NAVAL SCIENCE III
ROT 3310
1-2 SEMESTERS*
2 CREDITS
GRADES 11-12

This course further develops the traits of citizenship and leadership in students. This course builds on discipline and leadership, with an introduction to military law, Naval operations and seamanship. This course familiarizes cadets with Navy life at sea and develops a deeper appreciation for the role the Naval Service and its sailors perform in defending our nation. Cadets practice leadership in drill and uniform inspection. Participation in extra-curricular activities and field trips is highly encouraged. Prerequisite: Naval Science II.

Offered at CHS

NAVAL SCIENCE IV
ROT 3410
1-2 SEMESTERS*
2 CREDITS
GRADE 12

This course continues to develop leadership and citizenship in students. This course utilizes self-paced study of cultural studies and global awareness, with a focus on U.S. foreign interactions. This course introduces cadets to ethics of leadership using critical thinking skills. Cadets practice leadership in drill, uniform inspection and classroom instruction. Participation in extra-curricular activities and field trips is highly encouraged. Prerequisite: Naval Science III.

Offered at CHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: CHORAL MUSIC

This section includes courses in the Choral Music Pathway and Performing Arts Pathway.

CHORUS
MUS 1010
1 SEMESTER
1-2 CREDIT
GRADES 9-11

This performance-based course is intended for students who demonstrate abilities and interests in choral singing. Students will perform beginner to intermediate choral literature spanning various genres, including classical, multicultural, and contemporary.

Offered at CHS, GHS and NHS

ADVANCED CHORUS
MUS 1410
1 SEMESTER
1 CREDIT
GRADES 10-12

This performance-based course is intended for students who demonstrate outstanding abilities in choral singing. Students will perform advanced choral literature spanning various genres, including classical, multicultural and contemporary. Students will also gain a mastery of vocal techniques and musical concepts such as sight reading musical notation.

Offered at GHS

AUDITIONED CHOIR (SHOW CHOIR / ADVANCED CHOIR)
MUS 1910 / MUS 1410
1 SEMESTER
1 CREDIT
GRADES 10-12

This course is for highly motivated students who have taken a previous choir course (Choir 1-3), passed a singing / dancing audition, and completed the musician's contract. Designed for musicians who wish to sing more challenging repertoire, this course emphasizes active participation and performance, tone quality, expression, diction, blend, breath support, musical discrimination, and interpretation. This choir performs outside the school day and attendance is mandatory. This choir will perform literature on its own and with other ensembles.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: INSTRUMENTAL MUSIC

This section includes courses in the Instrumental Music Pathway and Performing Arts Pathway.

BAND

BAND FRONT
MUS 2010
1 SEMESTER
1 CREDIT
GRADES 9-12

Auditions for this ensemble occur in the spring. All students selected will participate with the marching band. There will be a mandatory band camp the second and third weeks of August. Students are required to perform at all football games, competitions, and parades. Audition required. Prerequisite: There is a mandatory Band Camp in early to mid-August. This is an expectation for this course.

Offered at CHS

MARCHING BAND
MUS 2110
1 SEMESTER
1 CREDIT
GRADES 9-12

This band performs at all football games, competitions and parades. Students must participate in a mandatory band camp the second and third weeks of August. The drum line will have auditions during the last week of May. Prerequisite: Prior experience playing an instrument. Audition required. Prerequisite: There is a mandatory Band Camp in early to mid-August. This is an expectation for this course.

Offered at CHS, GHS and NHS

CONCERT BAND
MUS 2410
1 SEMESTER
1 CREDIT
GRADES 9-12

This course is for students who play wind instruments. It is a full-year course with two basic components: Marching Band (August to November) and Concert Band (November to June). During the marching season, the band performs at football games, festivals, competitions and parades. During the concert season, the band performs 3 concerts and special music events. This course requires rehearsals outside of school for the marching band season including band camp (early- to mid-August) and evening rehearsals during the school year. This course emphasizes improving instrumental technique and performance practices. Audition required.

Offered at CHS, GHS and NHS

ADVANCED CONCERT BAND
MUS 2610
1 SEMESTER
1 CREDIT
GRADES 10-12

This course is for students who play wind instruments. It is a full-year course with two basic components: Marching Band (August to November) and Concert Band (November to June). During the marching season, the band will perform at football games, festivals, competitions and parades. During the concert season, the band performs 3 concerts per year as well as other special music events. This course requires rehearsals outside of school for the marching band season including band camp (early- to mid-August) and evening rehearsals during the school year. Audition required.

Offered at GHS and NHS

STEEL DRUM BAND
MUS 2710
1 SEMESTER
1 CREDIT
GRADES 9-12

In this ensemble students perform modern and traditional steel band literature and develop musical competence on a steel band instrument while focusing on stylistic understanding, improvisation, and comprehension of chords. Performances include winter and spring concerts, District Band, school and community events and the Delaware Steel Band Festival. Prerequisite: Prior experience playing an instrument.

Offered at CHS, GHS and NHS

ADVANCED STEEL DRUM BAND
MUS 2910
1 SEMESTER
1 CREDIT
GRADES 10-12

This course will cover many genres including classical, jazz, Latin, rock and traditional island music such as calypso and soca. Students will learn scales, chord patterns and several different pieces for the steel band. Students will learn basic music terminology such as meter, tempo, style, duration, scales and rhythm. Students are required to perform in various performances throughout the semester.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: INSTRUMENTAL MUSIC

PERCUSSION ENSEMBLE
MUS 3610
1 SEMESTER
1 CREDIT
GRADES 9-12

All percussion students should register for this course instead of band. Students will still participate in the marching band and concert band, but this course focuses on percussion techniques with the first part focusing on marching percussion techniques, and the second part focusing on concert percussion techniques. Students are required to read music and perform at all marching and concert performances. Audition required.

Offered at GHS and NHS

JAZZ ENSEMBLE
MUS 3710
1 SEMESTER
1 CREDIT
GRADES 9-12

This ensemble provides musical experience for pop music, jazz, jazz/rock, dance, and stage band music, with performances for school functions, concerts and music festivals. Students will learn and perform various styles of jazz performance. Improvisation is a major focus of the course. Students who register for this course may also be required to enroll in one of the other performance ensembles. Audition required.

Offered at NHS

ORCHESTRA

ORCHESTRA
MUS 3010
1 SEMESTER
1 CREDIT
GRADES 9-12

This is an entry-level performing group that meets as a daily class. Students learn basic skills and explore string literature of various styles through rehearsal, analysis and performance. The curriculum provides opportunities for string students (violin, viola, cello and bass) to perform music for solo, small group and ensemble. Graded criteria include public performances beyond the school day. A student-owned instrument may be required.

Offered at CHS, GHS and NHS

INTERMEDIATE ORCHESTRA
MUS 3210
1 SEMESTER
1 CREDIT
GRADES 10-12

This intermediate performing group meets as a daily class. Students explore string literature of various styles through rehearsal, analysis, skill development and performance. The curriculum provides opportunities for string students (violin, viola, cello, bass) to perform music for solo, small group and ensemble. Graded criteria includes public performances beyond the school day. A student-owned instrument may be required. Audition required: Students must demonstrate the ability to perform grade level 2 repertoire.

Offered at GHS and NHS

ADVANCED ORCHESTRA
MUS 3410
1 SEMESTER
1 CREDIT
GRADES 10-12

This advanced performing ensemble meets as a daily class. Students explore orchestral literature of various styles and periods through rehearsal, analysis, research, skill development and performance. There will be opportunities for string students (violin, viola, cello and bass) to perform music for solo, small group and ensemble. Graded criteria includes public performances beyond the school day. A student-owned instrument may be required. Audition required: Students must demonstrate ability to tune their own instruments and perform grade level 3 repertoire.

Offered at GHS and NHS

OTHER

GUITAR
MUS 4110
1 SEMESTER
1 CREDIT
GRADES 9-12

This course teaches the basics of guitar playing. Students learn to play a variety of music by studying music reading, good practice habits, ensemble skills and improvisation. Students will increase their awareness of different musical styles, cultures and historical periods. Students must provide their own guitar.

Offered at CHS, GHS and NHS

PIANO
MUS 4410
1 SEMESTER
1 CREDIT
GRADES 9-12

This is an introductory course for students with no prior piano instruction. Students will learn basic keyboard fundamentals and techniques such as reading and locating notes, hand positions, chord structures, scales and fingering patterns.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: INSTRUMENTAL MUSIC

ADVANCED PIANO
MUS 4610
1 SEMESTER
1 CREDIT
GRADES 10-12

This performance-based course is intended for students who are interested in gaining a mastery of playing the piano. Topics include advanced piano techniques, repertoire and music theory. There will be individual practice and group performances.

Offered at CHS and NHS

MUSIC IN THE MOVIES
MUS 9001
1 SEMESTER
1 CREDIT
GRADES 9-12

Music in the Movies is a general music class designed for movie buffs and novices alike. This course combines the history of film music by observing various approaches to how music is used in film and examining how music interacts with the visual aspect of the film. Students will learn how music affects how we perceive a moving picture and will be able to watch movies with a new understanding of how the picture and soundtrack combine.

Offered at NHS

MUSIC EXPLORATION
MUS 9110
1 SEMESTER
1 CREDIT
GRADES 9-12

In this course students explore the National Standards as listeners, creators and performers, with technology enhancing the interactive experience when possible. No previous musical experience is required; however, students will be actively engaged in the creative process, requiring open-ended problem-solving while exploring multiple solutions to a given problem. In order to foster independent musicianship, students must be able to think abstractly and work independently.

Offered at GHS and NHS

MUSIC EXPLORATION II
MUS 9120
1 SEMESTER
1 CREDIT
GRADES 10-12

In this course students will continue in this course to develop the skills learned in Music Exploration I. This includes the use of music equipment such as microphones, mixers, cables and speakers as well as continued use of a Digital Audio Workstation (DAW). Students will have more freedom to create and produce their own works based on the National Standards while continuing to learn about a variety or genres and styles of music. Prerequisite: Music Exploration I.

Offered at GHS and NHS

MUSIC EXPLORATION III
MUS 9130
1 SEMESTER
1 CREDIT
GRADES 11-12

In this course, students will focus on developing a portfolio of music production work to prepare for post-secondary experiences either in college or as professional musicians or producers. Students will work individually and collaboratively on large production projects involving music alone and as it interacts with out types of media such as TV, radio and film. Prerequisite: Music Exploration II.

Offered at GHS and NHS

MUSIC THEORY
MUS 9210
1 SEMESTER
1 CREDIT
GRADES 9-12

This course provides the serious music student with the skills needed for thorough analysis of music. Topics include ear training, melodic dictation and keyboard harmony, part writing techniques, form and analysis. Students will also be involved in creative writing, transposing, arranging and conducting. Students must be proficient at reading music.

Offered at GHS and NHS

MUSIC APPRECIATION
MUS 5000
1 SEMESTER
1 CREDIT
GRADES 9-12

The purpose of this course is to increase students' musical awareness and give students the tools to actively listen to, discuss, and critique various styles of music.

Offered at GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: THEATER

This section includes courses in the Performing Arts Pathway and Theater Pathway.

INTRODUCTION TO THEATER
PAR 1110
1 SEMESTER
1 CREDIT
GRADES 9-12

This foundations course introduces students to dramatic literature, theatre history, technical theatre, artistic leadership, and acting. This course provides opportunities for students to experience and participate in the creative processes of performance and production. This course emphasizes skill development and provides theatrical opportunities that enable students to determine personal areas of interest.

Offered at GHS and NHS

THEATER ARTS I
PAR 1210
1 SEMESTER
1 CREDIT
GRADES 10-12

This course integrates and builds upon concepts and skills from Introduction to Theater Arts. Through various modes of expression and performance, students explore dramatic literature, theatrical styles, and historical periods. Students will study and respond to a variety of theatre experiences that will refine their communicative, collaborative, analytical, interpretive, and problem solving skills. Students will expand their artistic abilities and appreciation of theatre arts. Prerequisite: Introduction to Theater.

Offered at NHS

THEATER ARTS II
PAR 1310
1 SEMESTER
1 CREDIT
GRADES 11-12

This course explores voice and movement techniques for the stage. Through yoga practice, partner stretches, trust-building exercises, visualization and mindfulness practices, students learn a variety of movement practices, techniques and forms to enhance their vocal and physical strength and flexibility. Topics include kinesthetic awareness, movement and sound storytelling, diction and articulation, physical self-awareness and flexibility, movement techniques used throughout theater history, and physical improvisational exercises. Prerequisite: Theater Arts I.

Offered at NHS

THEATER ARTS III
PAR 1410
1 SEMESTER
1 CREDIT
GRADES 11-12

In this course students exhibit independence, discipline, and commitment to the theatrical process through their work on assigned projects. Advanced work in script analysis, character interpretation, directing and performance skills are expected. Collaboration with actors and directors is augmented by special assignments and opportunities. Prerequisite: Theater Arts II.

Offered at NHS

TECHNICAL THEATER I
PAR 4110
1 SEMESTER
1 CREDIT
GRADES 10-12

In this course students learn the basics of set design and construction, lightning design, sound design, costume design, prop design, stage management, and the day-to-day operations of a theater. Students will identify areas of special interest in technical theatre. Emphasis is placed on in-depth study, assumption of leadership roles, and application of self-assessment to improve skills and foster artistic growth. Prerequisite: Introduction to Theater.

Offered at NHS

TECHNICAL THEATER II & III
PAR 4210 (PAR 4310 FOR LEVEL 3)
1 SEMESTER
1 CREDIT
GRADES 11-12

This course continues the study of technical theater with further exploration of costuming, props, make-up, scenic design, stage management, sound design, and lighting design. Students apply technical theatre knowledge and skills by participating in practical aspects of the production process. Students will collaborate to execute a variety of technical designs safely and effectively, and develop management and public relation skills. Prerequisite: Technical Theater I.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: VISUAL ARTS

This section includes courses in the Visual Arts Pathway.

ART FUNDAMENTALS
ART 1010
1 SEMESTER
1 CREDIT
GRADES 9-12

This course covers a wide variety of media and techniques in drawing, painting, sculpture, ceramics and printmaking, with an emphasis on the elements of art and principles of design. This class provides the necessary foundation of art concepts and skills and is a prerequisite for all other art classes.

Offered at CHS, GHS and NHS

ART FUNDAMENTAL HONORS
ART 1510 (HON)
1 SEMESTER
1 CREDIT
GRADES 9-11

This course covers a wide variety of materials, and processes from sculpture and ceramics, to paint and print media. Students in Art Fundamentals have demonstrated an interest in art as a course of study and work to develop the concepts of the Elements of Art and the Principles of Design through deeper exploration and more challenging projects.

Offered at GHS

2-D DESIGN I
ART 2110
1 SEMESTER
1 CREDIT
GRADES 10-12

This course introduces students to different media, techniques and processes to create predominantly 2-D works of art as they pertain to the elements and principles of design. In this course students explore techniques such as drawing, painting, printmaking, collage and mixed media, while studying historical works of art. Prerequisite: Art Fundamentals.

Offered at CHS, GHS and NHS

2-D DESIGN II
ART 2210
1 SEMESTER
1 CREDIT
GRADES 11-12

This course continues the study of elements and principles of design as students advance in their technique and a develop their personal style through experimentation of drawing, painting, printmaking, collage and mixed media. Students also continue their study of art history. Prerequisite: 2-D Design I.

Offered at CHS and GHS

2D ART AND DESIGN
ART 2430 (AP)
1 SEMESTER
1 CREDIT
GRADES 11-12

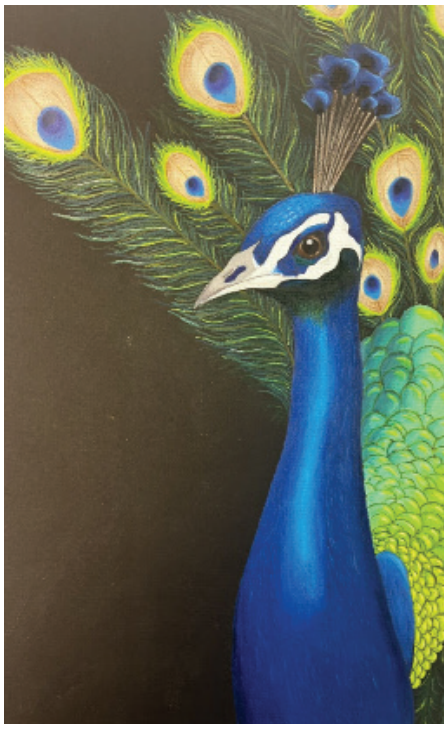
This course is for highly motivated students who have a strong interest in the study of art. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. For this portfolio, students must demonstrate mastery of 2-D design through any 2-D medium or process, including graphic design, digital imaging, photography, collage, fabric design, weaving, fashion, fashion illustration, painting and printmaking. Fees may apply. Prerequisites: 2-D Design I and Portfolio. Recommended additional courses: Advanced Drawing or Advanced Painting / Printmaking.

Offered at NHS

HONORS PORTFOLIO
ART 2520 (HON)
1 SEMESTER
1 CREDIT
GRADES 11-12

This course is designed to prepare talented juniors for the 2-D and 3-D Studio Art-AP courses in their senior year. Students will create projects based on a series of assignments that are planned to enhance their skill and understanding of composition, technique, and the design elements and principles. Students will work in several different media to improve their ability and talent. Working side by side with senior AP students, they will be engaged in discussing and reflecting on their projects to gather insight into the AP course process of higher standards and added rigor. Prerequisite: 2-D Design I (NHS), completed art pathway (CHS).

Offered at CHS and NHS



**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: VISUAL ARTS

ADVANCED DRAWING
ART 2610
1 SEMESTER
1 CREDIT
GRADES 11-12

In this course students build upon what they learned in 2-D Design I to develop skillfully rendered drawings in different media. Student will develop their personal style while analyzing the techniques of famous artists. Prerequisite: 2-D Design I.

Offered at GHS and NHS

ADVANCED PAINTING / PRINTMAKING
ART 2710
1-2 SEMESTERS*
1 CREDIT
GRADES 10-12

This course explores painting and printmaking techniques and processes, helping students broaden their knowledge and improve their painting and printmaking skills. Students will develop their personal style while analyzing the techniques of famous artists. Prerequisite: 2-D Design I or Art Fundamentals.

Offered at GHS and NHS

AP DRAWING
ART 2830 (AP)
1 SEMESTER
1 CREDIT
GRADES 11-12

This course is designed for students who are seriously interested in the practical experience of art. The Drawing Portfolio is intended to address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means. Fees may apply. Prerequisites: Portfolio and Advanced Drawing.

Offered at NHS

3-D DESIGN I
ART 3110
1 SEMESTER
1 CREDIT
GRADES 10-12

In this course students will create 3-D pieces of art using various materials and techniques including additive, subtractive and constructive methods from relief to full round. Materials include clay, plaster, cardboard, found objects, balsa wood, wire and paper mache. This course uses elements of art and principles of design of traditional and contemporary methods throughout history. Prerequisite: Art Fundamentals.

Offered at CHS, GHS and NHS

3-D DESIGN II
ART 3210
1 SEMESTER
1 CREDIT
GRADES 11-12

In this advanced course, students continue to explore the complex techniques introduced in 3-D Design I. Students use their own elements and principles of design as they develop their personal style, explore advanced materials, and study classical to contemporary sculpture. Prerequisite: 3-D Design I.

Offered at CHS and GHS

3D ART AND DESIGN
ART 3430 (AP)
1 SEMESTER
1 CREDIT
GRADES 11-12

This course is for very serious, talented and committed students who plan to pursue an art-related field after graduation. This course requires each student to compile a strong collection of original art projects that demonstrate their personal talent and ability. Students submit a portfolio demonstrating quality, concentration and breadth of work in 3-D art. Portfolios are judged at the national level on a scale of 1 to 6. Students achieving a score of 3 of better may earn college credits. The course is intended to address a broad interpretation of sculptural issues in depth and space using additive, subtractive and fabrication processes. Approaches include traditional sculpture, architectural models, ceramics, 3-D fiber arts and metal work. There is more flexibility in both interpretation of assignments and deadlines; however, because of the demands of this course, each student should plan on a minimum of 4 hours of work per week outside of class in order to complete the portfolio. Fees may apply. Prerequisite: 3-D Design I or Advanced Ceramics.

Offered at NHS

ADVANCED CERAMICS I
ART 3510
1 SEMESTER
1 CREDIT
GRADES 11-12

In this course students build skills using the potter's wheel and experiment with more complex forms and techniques. Students will also continue to explore various hand-building techniques and mold-making processes. Prerequisite: 3-D Design I.

Offered at GHS and NHS

DIGITAL PHOTOGRAPHY I
ART 4110
1 SEMESTER
1 CREDIT
GRADES 10-12

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

PERFORMING & DESIGN ARTS: VISUAL ARTS

This course offers an introduction to photography. Students develop a general knowledge and appreciation of photography from an historical perspective and learn to use professional Digital SLR cameras. Students will explore the elements and principles of Photography as well as photographic composition and creative use of light and focus. Students will develop rudimentary skills in Adobe Photoshop. Students are encouraged to but are not required to own their own Digital SLR camera. Prerequisite: Art Fundamentals or Art Fundamentals Honors.

Offered at CHS, GHS and NHS

DIGITAL PHOTOGRAPHY II
ART 4210
1 SEMESTER
1 CREDIT
GRADES 11-12

This course continues the exploration of digital photography with students developing skills in photography, and photo manipulation working in Adobe Illustrator. Projects in this class will be more challenging and expect students to have a working knowledge of digital SLR cameras, lighting, and Adobe Photoshop. Students are encouraged to but are not required to own their own Digital SLR camera. Prerequisite: Digital Photography I.

Offered at GHS and NHS

DIGITAL PHOTOGRAPHY III
ART 4310
1 SEMESTER
1 CREDIT
GRADE 12

This lecture-laboratory course in black-and-white photography coordinates a photographic visual discipline with a comprehensive digital workflow experience. Students must have access to a digital point and shoot camera or DSLR that is 8 megapixels or larger. Prerequisite: Digital Photography II.

Offered at GHS and NHS

ART 204 MEDIA/DESIGN/CULTURE
UNIVERSITY OF DELAWARE
DUA 1200 (ECC)
1 SEMESTER
1 CREDIT
GRADE 11-12

Current and historical media processes and their impact on art, design and culture. Image making and manipulation, video, audio, interactivity, and connectivity. Viewing fine art and design projects, the historical aspects of design and digital media, basic media theory, and universal principles of software and digital media. Projects include writing, creating visual media, and making presentations. Unfamiliar media experienced firsthand through exhibitions, screenings, lectures, online exploration and consumer media devices.

Offered at NHS

ART 230 / HIS 230 HISTORY OF ART AND DESIGN
WILMINGTON UNIVERSITY
DUA 4030 (ECC)
1 SEMESTER
1 CREDIT
GRADE 11-12

This course studies the artistic trends and developing technologies that have influenced creative work throughout Europe and America. This course focuses on the relationship between design and art, as well as the artist's role and influence on Western Culture and Society. Prerequisite: Completed Art Pathway.

Offered at NHS

DRAWING AND PAINTING
WILMINGTON UNIVERSITY
DUA 4130 (ECC)
1 SEMESTER
1 CREDIT
GRADE 11-12

In this hands-on studio course for non-art majors, students will explore the use of both drawing and painting media. Learn to create works of art refined by a variety of skills and techniques to develop and express your individual artistic style. Prerequisite: Completed Art Pathway.

Offered at NHS

BASIC PHOTOGRAPHIC TECHNIQUES
WILMINGTON UNIVERSITY
DUA 7130 (ECC)
1 CREDIT
GRADES 11-12

Students will develop basic photographic skill sets in composition, lighting and angles to create compelling images. This class will concentrate on the exposure matrix to demonstrate how ISO, shutter speed and aperture effect exposure, motion and depth of field. Composition will be studied through the analysis of historic and contemporary photographs so that the students will be able to create compelling imagery. Adobe Bridge and Photoshop will be used for basic editing and image adjustments. Prerequisite: Completion of three (3) Performing & Design Arts: Visual Arts pathway courses.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SCIENCE

EARTH / PHYSICAL SCIENCE

EARTH / PHYSICAL SCIENCE
SCI 1010
1-2 SEMESTERS*
1 CREDIT
GRADE 9

This course exposes students to three major branches of science: chemistry, physics, and Earth / physical science. During the chemistry portion of the course, students will learn the foundations of chemistry that they will build on throughout high school. The physics part of the course builds on the 8th-grade energy unit and integrates into the Earth / physical science curriculum through plate tectonics and rocks and minerals.

Offered at CHS, GHS and NHS

EARTH / PHYSICAL SCIENCE HONORS
SCI 1020 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 9

This course exposes students to three major branches of science: chemistry, physics, and Earth / physical science. During the chemistry portion of the course, students will learn the foundations of chemistry that they will build on throughout high school. The physics part of the course builds on the 8th-grade energy unit and integrates into the Earth / physical science curriculum through plate tectonics and rocks and minerals.

Offered at CHS, GHS and NHS

BIOLOGY

BIOLOGY
SCI 2010
1-2 SEMESTERS*
1 CREDIT
GRADE 10

This course explores the nature of science and the theory of evolution by natural selection. Students learn the chemical basis of many life processes and investigate the storage of genetic information in DNA, its transmission and its expression during protein synthesis. Students also investigate the application of these topics to biotechnology. Prerequisite: Earth Science.

Offered at CHS, GHS and NHS

BIOLOGY HONORS
SCI 2020 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 10

This rigorous course is for highly motivated students with strong inquiry skills and an interest in careers in science, medicine or engineering. Students will explore the nature of science, the theory of evolution by natural selection, the chemical and cellular basis of many life processes, and the storage of genetic information in DNA, its transmission and its expression during protein synthesis. Students will also investigate the application of these topics to biotechnology. Prerequisite: Earth / Physical Science.

Offered at CHS, GHS and NHS

AP BIOLOGY
SCI 2030 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course aims to help students develop a conceptual framework for modern biology and gain an appreciation of science as a process. Prerequisites: Biology and Chemistry.

Offered at CHS, GHS and NHS

MICROBIOLOGY
SCI 2210
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course engages students in a rigorous curriculum about the microscopic world. This course is intended as an addition to courses such as Biology Honors, CAP Biology and AP Biology. Students explore the mechanics of microscopy, the different forms and methods of microscopy, and the amazing microscopic world visible through a microscope. Various living organisms such as bacteria, fungi and protozoa will be examined and discussed, and microscopic examination of animal and plant tissues will be explored. Topics include the clinical and environmental aspects of microscopic organisms, and the structure, metabolism, growth and genetics of prokaryotes and microscopic eukaryotes. This course is designed for students who plan to purse a career in biology, healthcare, forensic science or veterinary medicine.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SCIENCE

CHEMISTRY

CHEMISTRY
SCI 3010
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This course is designed for college-bound students who may not be planning to pursue a career or course of study in the sciences. Topics include the nature of matter, atomic theory, bonding, chemical reactions, stoichiometry, solutions and gas laws. This course will be less theoretical and more descriptive than Chemistry Honors with practical applications stressed in both lecture and laboratory. Prerequisites: Algebra I and Earth Science.

Offered at CHS, GHS and NHS

CHEMISTRY HONORS
SCI 3020 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This course is designed for college-bound students who plan to pursue a degree in a science-related field such as medicine or engineering. Students will learn the basic theoretical concepts of chemistry in a quantitative fashion, with an emphasis on problem-solving and the application of mathematics to chemical theory. Through laboratory work students will explore fundamental chemical relationships and become more familiar with basic chemical laboratory techniques and procedures. Prerequisite: Biology.

Offered at CHS, GHS and NHS

AP CHEMISTRY
SCI 3030 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. Students will gain an understanding of chemistry fundamentals and develop competence in solving chemical problems. In this highly rigorous, fast-paced course, students develop higher order thinking skills and communication skills. Laboratory work focuses on quantitative studies of chemical systems with analysis and interpretation of student-generated data. Students should check with the AP Chemistry teacher for summer readings and work prior to the start of the course. Prerequisite: Chemistry.

Offered at GHS and NHS

PHYSICS

PHYSICS
SCI 4010
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This survey course is designed for students who plan to enter careers other than science or engineering. Topics include Newtonian mechanics, waves, fluid mechanics, sound, energy, heat, light, optics, electricity, magnetism and modern physics. Students perform extensive laboratory work using computers with the latest probe technology and using traditional equipment. This course explains the concepts of trigonometry and uses them extensively. Prerequisites: Chemistry.

Offered at CHS, GHS and NHS

PHYSICS HONORS
SCI 4020 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This survey course is designed for students who may not plan to pursue a career in science, but who will need a non-calculus based physics course in college. Topics include Newtonian mechanics, waves, fluid mechanics, sound, energy, heat, thermodynamics, light, optics, electricity, magnetism and modern physics. Students perform extensive laboratory work using computers with the latest probe technology and using traditional equipment. Prerequisites: Chemistry and Pre-Calculus.

Offered at CHS, GHS and NHS

AP PHYSICS C: MECHANICS
SCI 4030 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course prepares students for the AP Physics C exam on Newtonian mechanics. This course is designed for students in grades 11 or 12 who are interested in a career in science (e.g., medicine, engineering, chemistry, physics). Students use algebra, trigonometry and calculus to formulate principles and solve problems. Students are expected to review notes, work on homework problems, and complete review problems outside of the school day. Prerequisites: Biology and Pre-Calculus.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SCIENCE

AP PHYSICS C: ELECTRICITY AND MAGNETISM
SCI 4130 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course prepares students for the AP Physics C exam on electricity and magnetism. Students use algebra, trigonometry and calculus to formulate principles and solve problems. This course is designed for students in grade 12 who are interested in a career in science (e.g., medicine, engineering, chemistry, physics). Students are expected to review notes, work on homework problems, and complete review problems outside of the school day. Prerequisites: AP Physics C: Mechanics, Chemistry and AP Calculus.

Offered at NHS

OTHER

ANATOMY AND PHYSIOLOGY
SCI 5010
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course is designed for students who plan to pursue a career in healthcare, forensic, veterinary or sports medicine. Using biology, chemistry and physics, students learn the parts of the body and their function in the human body. Students are required to perform actual dissection (no virtual dissection) in order to prepare them for laboratory experience in college. Student are also challenged to think critically, learn medical terms, and discuss actual clinical cases.

Offered at GHS and NHS

NATURAL DISASTERS
SCI 6510
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course introduces the different natural disasters that affect humans and other living organisms on the earth. Topics include hurricanes, tornadoes, earthquakes, volcanoes, floods and asteroid impacts. This course features readings on current events, discussions, videos and lab activities. A research presentation is required. Approval from counselor required.

Offered at NHS

AP ENVIRONMENTAL SCIENCE
AGR 7430 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

This course teaches the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them. Prerequisite: Chemistry.

Offered at NHS

ENVIRONMENTAL SCIENCE
WILMINGTON UNIVERSITY
DUA 6730 (ECC)
1 SEMESTER
1 CREDIT
GRADE 12

This course identifies the causes of environmental degradation and examines current efforts toward correcting a variety of complex environmental situations. Emphasis is placed on the role of humans using science and technology to find solutions to the problems facing earth.

Offered at CHS and NHS

GEOSPATIAL SCIENCE AND TECHNOLOGY
DUA 5730 (ECC)
2 SEMESTER
1 CREDIT
GRADES 11-12

Geographic Information Systems (GIS) is an applications-led technology. Similar to a word processor, spreadsheet, or database manager when used for problem-solving, a GIS is designed to manage "spatial' data in order to answer geographic questions. The goal of this course is to provide students with the fundamental principles of GIS through hands-on training in the use of the software. Prerequisite: Minimum GPA of 2.0

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

This section includes courses in the Biomedical Sciences Pathway, Computer Science Pathway, Drafting & Design Pathway and Engineering Pathway.

The Project Lead the Way (PLTW) Biomedical Science pathway engages students in open-ended problem solving where students study the concepts of human medicine, physiology, genetics, microbiology, and public health. The program prepares students for further education and careers in biomedical sciences and healthcare.

BIOMEDICAL SCIENCES

PRINCIPLES OF BIOMEDICAL SCIENCE
STS 2110
1 SEMESTER
1 CREDIT
GRADES 9-10

In this course students explore concepts of biology and medicine to determine the factors that led to the death of a fictitious person by examining autopsy reports, investigating medical histories, and exploring medical treatments that might have prolonged the person's life.

Offered at GHS

HUMAN BODY SYSTEMS
STS 2210
1 SEMESTER
1 CREDIT
GRADES 10-11

This course examines the interactions of the human body system, identity, power, movement, protection and homeostasis. Students use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Prerequisite: Principles of Biomedical Science.

Offered at GHS

MEDICAL INTERVENTIONS
STS 2310
1 SEMESTER
1 CREDIT
GRADES 11-12

In this course students follow the life of a fictitious family as they investigate how to prevent, diagnose and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Prerequisite: Human Body Systems.

Offered at GHS

BIOMEDICAL INNOVATION
STS2410
1 SEMESTER
1 CREDIT
GRADES 11- 12

In this course, students will work through progressively challenging open-ended problems, addressing topics such as Clinical Medicine, Physiology, Biomedical Engineering and Public Health. Students will play the role of an elite group of investigators dedicated to designing unique and innovative solutions to health challenges of the 21st century. Prerequisites: Principles of Biomedical Science, Human Body Systems and Medical Interventions.

Offered at GHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

COMPUTER SCIENCE

The Computer Science program is a three-course CTE sequence where students learn programming, algorithm development, and problem solving through real-world applications. Courses include Exploring Computer Science, AP Computer Science Principles, and AP Computer Science A, preparing students for further education and careers in IT and computer science.

EXPLORING COMPUTER SCIENCE

TEC 4110 (CTE)
1 SEMESTER
1 CREDIT
GRADES 9-10

This course introduce students to the field of computer science through an exploration of engaging and accessible topics. This course focuses on conceptual ideas of computing that will help students understand why certain tools or languages might be utilized to solve problems that relate to everyday life. Students learn to create websites using HTML, develop apps using the block-based programming language Scratch, and learn the principles of robotics. The course has an overall theme of collaboration, creativity and problem solving.

Offered at CHS, GHS and NHS

AP COMPUTER SCIENCE PRINCIPLES

TEC 4210 (AP - CTE)
1-2 SEMESTERS*
1 CREDIT
GRADES 10-11

Students will learn how technology has impacted today's society and people. Topics include the internet, digital information, algorithms & programming, big data & privacy, and building apps. At the end of the course, students will be required to complete a portfolio of their learning and have the opportunity to take a 75-question AP Examination. Prerequisite: Exploring Computer Science.

Offered at CHS, GHS and NHS

AP COMPUTER SCIENCE A

TEC 4310 (AP - CTE)
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. This course includes the study of data structures, design and abstraction. A large part of the course is built around the development of computer programs that correctly solve a given problem, while developing the use of logic and formal methods of programming. Prerequisite: AP Computer Science Principles.

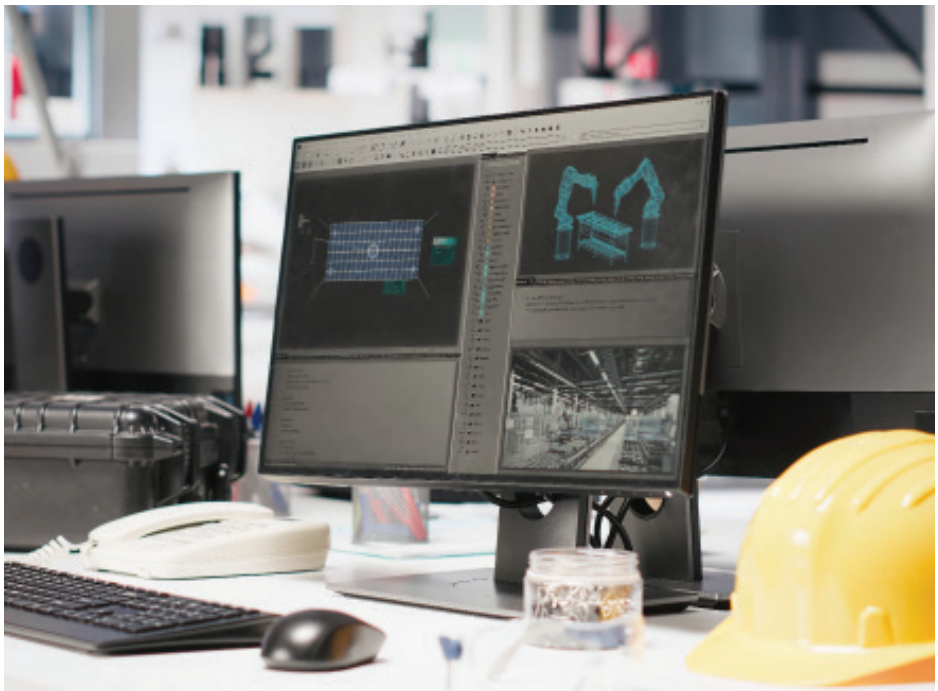
Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

ENGINEERING

The PLTW Engineering program is a three-course CTE sequence where students use the engineering design process and industry technology to solve real-world problems. With foundation and specialization courses, the program prepares students for further education and careers in engineering and engineering technology.



INTRODUCTION TO ENGINEERING DESIGN
STM 1110
2 SEMESTERS
1 CREDIT
GRADES 9-10

This course emphasizes design and product development. Students use computer software to produce, analyze and evaluate mathematical models and project solutions. Students study design concepts, such as form and function, then use state-of-the-art technology to translate conceptual design into reproducible products. They will have the opportunity to apply the engineering design process as well as mathematics, science, and engineering standards to hands-on projects. Students work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

Offered at CHS and NHS

PRINCIPLES OF ENGINEERING
STM 1210 (CTE)
1-2 SEMESTERS
1 CREDIT
GRADES 10-11

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Prerequisite: Introduction to Engineering Design.

Offered at CHS and NHS

ENGINEERING DESIGN AND DEVELOPMENT
STM 1310 (CTE)
2 SEMESTERS
1 CREDIT
GRADES 11-12

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career. Prerequisite: Principles of Engineering.

Offered at CHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SOCIAL STUDIES

CIVICS / ECONOMICS / GOVERNMENT

CIVICS
SOC 8310S / 8310Y
1 SEMESTER
1 CREDIT
GRADE 9

This course explores how governments are structured around the world and how political systems reflect the histories, cultures, and values of different societies. Students will analyze the role of political parties, citizen participation, and evolving governmental processes while developing practical skills for engaging with public agencies, commissions, and civic groups. Integrating political geography, the course also examines how borders, population patterns, resource distribution, and regional conflict shape political decision-making and global power dynamics. Through inquiry, case studies, and real-world applications, students will build the knowledge and civic competencies needed for informed participation in local, national, and global contexts.

Offered at CHS, GHS, and NHS

ECONOMICS/PERSONAL FINANCIAL LITERACY
????
1 SEMESTER
1 CREDIT
GRADE 10

This course introduces students to how individuals, businesses, and governments make economic decisions in a market economy, including the role of supply and demand, financial institutions, and global trade. Students will examine different economic systems and evaluate how policy choices influence economic outcomes. Through the lens of personal finance, students will set financial goals, develop budgets, analyze saving and investing options, and learn strategies to manage risk and make informed financial decisions. By the end of the course, students will be equipped to navigate real-world economic choices responsibly and effectively.

AP U.S. GOVERNMENT AND POLITICS
SOC 5030 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADES 10-12

In this course, students will study the key concepts and institutions of the political system and culture of the United States. Students will read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project. Students will learn how the men who created the U.S. Constitution set up a structure of government intended to stand the test of time, and how the compromises they made left some questions unresolved that continue to be debated today.

Offered at NHS

CIVICS / POLITICAL GEOGRAPHY
SOC 9810
1-2 SEMESTERS*
1 CREDIT
GRADE 10

This course explores how governments are structured around the world and how political systems reflect the histories, cultures, and values of different societies. Students will analyze the role of political parties, citizen participation, and evolving governmental processes while developing practical skills for engaging with public agencies, commissions, and civic groups. Integrating political geography, the course also examines how borders, population patterns, resource distribution, and regional conflict shape political decision-making and global power dynamics. Through inquiry, case studies, and real-world applications, students will build the knowledge and civic competencies needed for informed participation in local, national, and global contexts.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SOCIAL STUDIES

CIVICS / POLITICAL GEOGRAPHY
SOC 9820 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 10

This survey course helps students become more informed, active and responsible citizens by familiarizing them with the foundations of the American political system at the local, state and national levels. This course combines information about our government system with an examination of how people deal with the issue of unlimited wants and scarce resources. Topics include constitutional and legal aspects of government, the decision-making process used in our political system. This course also focuses on the basic economic principles of the American market system and how it compares with other economies of the world, with an emphasis on different market and economic systems, supply and demand, and macroeconomic subjects of taxes, inflation, and unemployment.

Offered at CHS, GHS and NHS

CRIMINAL JUSTICE

The Criminal Justice Pathway focuses on career training for students interested in entering the workforce after graduation in the fields of criminal justice and law, among other areas.

Along with jobs in law enforcement, corrections, rehabilitative services, and other public service fields, your background in criminal justice can serve as the foundation for law school and a career as an attorney.

HUMAN BEHAVIOR
SOC 7410
1 SEMESTER
1 CREDIT
GRADE 12

This course introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. This course considers the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Offered at CHS and GHS

PSYCHOLOGY
SOC 6010
1-2 SEMESTERS*
1 CREDIT
GRADES 10-12

This course is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. Topics include the brain and neuroscience, behavioral genetics, cognitive and social development, perception, learning, memory, decision making, language, consciousness, emotions, motivation, psychological disorders, social identity, interpersonal interactions, and group and cultural processes.

Offered at CHS, GHS and NHS

CIVIL LAW
SOC 2021
1 SEMESTER
1 CREDIT
GRADES 9-10

This course is a practical program of legal education designed to engage high school students in a critical examination of their legal responsibilities and rights. This one semester course will examine the nature and types of civil actions, with an emphasis on torts, negligence, and contracts. Students will study the goals of the civil justice system and the organization of state and local court systems and become familiar with the procedural steps of a civil case. Students will also study their constitutional protections including limitations on state actions, in and out of school, as well as the rules of evidence and fair trial procedures.

Offered at CHS, GHS, and NHS

CRIMINAL LAW
SOC 2022
1 SEMESTER
1 CREDIT
GRADE 10-12

This course is a practical program of legal education designed to engage high school students in a critical examination of their legal responsibilities and rights. This one semester course will examine the nature and types of crime, with an emphasis on crimes against persons, property, and the state. Students will study the goals of the criminal justice system and the organization of state and local court systems and become familiar with the procedural steps of a criminal case. Students will also study constitutional protections of the criminal prosecutorial system including limitations on police action and investigation, the rules of evidence and

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SOCIAL STUDIES

fair trial procedures. Prerequisite: Civil Law.

Offered at CHS, GHS, and NHS

PSYCHOLOGY OF CRIMINAL BEHAVIOR
SOC 6011
1 SEMESTER
1 CREDIT
GRADES 11-12

This course surveys those aspects of psychology related to criminal behavior and the criminal justice system. This one semester course will examine the biological bases of behavior, learning and cognition, and abnormal behavior and how they affect criminal behavior. Students will also examine the insanity defense, criminal profiling, police interrogation, lie detectors, and the reliability of eyewitness accounts. Prerequisite: Criminal Law.

Offered at CHS

CRIMINAL JUSTICE ELECTIVES

INTRODUCTION TO FORENSICS
SCI 5810
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course is designed for students who have a strong interest in science-related fields and careers in forensics. This course presents the basic theoretical concepts and investigations of simulated and historical crime scenes, with case studies used to supplement laboratory exercises that cover a number of forensic topics such as crime science mapping, fingerprints, tire tracks, fibers, blood serum, splatter trajectories, trace evidence, insect larva, DNA analysis, ballistics, dental records, autopsy reports, physical anthropology, and handwriting analysis.

Offered at CHS, GHS and NHS

AP PSYCHOLOGY
SOC 6030
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

In this course, students will explore the ideas, theories, and methods of the scientific study of behavior and mental processes. Students will learn about the basis of psychological theory as the study of human and animal behavior and mental processes and learn how psychologists design and conduct research. They will study behaviors and mental processes from a biological perspective and explore the effects of the interaction between human biology and our environment. Students will examine how humans perceive and process the world around them via their senses and convert those observations into perceptions that influence how we think and behave, as well as, how psychologists evaluate, study, and treat a range of psychological disorders and they will examine how humans interact in groups and social situations.

Offered at CHS, GHS and NHS

HUMAN GEOGRAPHY

HUMAN GEOGRAPHY
SOC 8510
1-2 SEMESTERS*
1 CREDIT
GRADE 9

This course analyzes the relationship between society, place and space, with a focus on social, economic, political, cultural and human-environment processes and patterns and how they change over space and time. This course aims to engender a critical geographical perspective on the past, present and future development of the social world, a viewpoint of crucial importance in the generation of a broad and informed understanding of the world.

Offered at CHS, GHS and NHS

AP HUMAN GEOGRAPHY
SOC 8530
1-2 SEMESTERS*
1 CREDIT
GRADE 9

In this course, students will explore how humans have understood, used, and changed the surface of Earth. Students will use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use. Students will explore the patterns associated with human populations. Students will focus on how and why language, religion, and other cultural practices spread over space and time. Students will build on their knowledge of populations and cultural patterns as they learn about the political organization of the world.

Offered at CHS, GHS and NHS

HISTORY

U.S. HISTORY
SOC 4010
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This course focuses on the interaction of key events, persons and groups with political, economic, social and cultural influences on state and national development from the Reconstruction Era to present day. Students will trace and analyze chronological periods, examine the relationship of significant themes and concepts in U.S. History, and develop skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis interpretation, and research using primary and secondary sources.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SOCIAL STUDIES

U.S. HISTORY HONORS
SOC 4020 (HON)
1-2 SEMESTERS*
1 CREDIT
GRADE 11

This course focuses on the interaction of key events, persons and groups with political, economic, social and cultural influences on state and national development from the Reconstruction Era to present day. Students will trace and analyze chronological periods, examine the relationship of significant themes and concepts in U.S. History, and develop skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis interpretation, and research using primary and secondary sources.

Offered at CHS, GHS and NHS

AP U.S. HISTORY
SOC 4030 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

In this course, students will study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. They will learn about Native American societies as well as how and why Europeans first explored, and then began to colonize, the Americas. Students will study the colonies established in the New World by the Spanish, French, Dutch, and British. Students will explore the events that led to the American Revolution and the formation of the United States and examine the early years of the republic. They will examine how the young nation developed politically, culturally, and economically in this period. Students will learn how the nation expanded and they will explore the events that led to the secession of Southern states and the Civil War. Students will also learn about the relationship with the Soviet Union and explore political, cultural, economic, and technological differences between countries.

Offered at CHS, GHS and NHS

WORLD HISTORY
SOC 8410
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

This course explores the key events and global historical developments that have shaped the world since 1350, with a focus on the contributions of Europe, Africa, Asia and the Americas to world civilizations. This course includes aspects of the human experience such as economics, science, religion, philosophy, politics and law, military conflict, literature and the arts. This course illuminates connections between our lives and those of our ancestors around the world. Students planning to attend a four-year college (notably the University of Delaware) may need this class for admission.

Offered at GHS and NHS

AP WORLD HISTORY
SOC 8430 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADES 11-12

In this course, students will study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. Students will explore how states formed, expanded, and declined in areas of the world during the period c. 1200 - c. 1450 and the related political, social, and cultural developments of that time. The period from c. 1450 - c. 1750 will begin with an exploration of the empires that held power over large contagious areas of land. Finally they will study the period c. 1900 - present by learning about the global conflicts that dominated this era.

Offered at NHS

HIS 204 WORLD HISTORY
WILMINGTON UNIVERSITY
DUA 6130 (ECC)
1 SEMESTER
1 CREDIT
GRADE 12

This course is a study of the major cultural, economic, military, political, religious and social events from Antiquity to the Scientific Revolution. The emphasis for this world history course is centered on Western Europe and its contacts and inter-relationships with the rest of the world including, but not limited to, the peoples of Eastern Europe, the Middle East, Africa, Asia and the Americas.

Offered at CHS and NHS

OTHER

AFRICAN-AMERICAN STUDIES
SOC 7810
1 SEMESTER
1 CREDIT
GRADES 11-12

This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions.

Offered at CHS, GHS and NHS

AP AFRICAN AMERICAN STUDIES
SOC 7811
1 SEMESTER
1 CREDIT
GRADES 11-12

In AP African American Studies, students explore key topics that extend from early African kingdoms to the ongoing challenges

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

SOCIAL STUDIES

and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

Offered at GHS, and NHS

PHI 100 INTRODUCTION TO CRITICAL THINKING

WILMINGTON UNIVERSITY
DUA 9030 (ECC)
1 SEMESTER
1 CREDIT
GRADES 9-12

This introductory course challenges students with the question: "Why do you think the way you do?" It gives practical consideration to overcoming thinking errors, developing ethical thought, and applying career-specific principles of effective critical thinking to real-life situations. Please speak with your school counselor for more information.

Offered at CHS, GHS, and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

WORK-BASED LEARNING

COLLEGE & CAREER READINESS | CAREER IMMERSION OPPORTUNITIES FOR HIGH SCHOOL STUDENTS

Work-Based Learning (WBL) is an exciting and growing initiative for success beyond graduation. WBL connects classroom learning with real-world experiences by providing structured opportunities for students to develop professional skills, explore career pathways, and build confidence as they prepare to compete in today's workforce.

WHAT IS WORK-BASED LEARNING & WHY IT MATTERS FOR HIGH SCHOOL STUDENTS

Work-Based Learning provides high school students with structured, supervised experiences that connect classroom learning to real-world careers. Through direct engagement with employers, industry professionals, and community partners, students gain valuable exposure to the world of work while building the professional skills needed for success beyond graduation.

WBL EXPERIENCES HELP STUDENTS:

- Apply academic, technical, and employability skills in authentic settings
- Gain confidence, develop professionalism, communication, and workplace etiquette
- Explore careers aligned to their high school pathway or personal interests
- Build clarity about future goals and the education or training needed to achieve them
- Strengthen college, career, military, and scholarship applications
- Become more competitive, create resumes, portfolios, and professional networks

By participating in Work-Based Learning, students develop the knowledge, skills, and mindsets that prepare them to thrive in their chosen careers and life after high school.

WORK-BASED LEARNING
SPC 6410
1-2 SEMESTERS
1 CREDIT
GRADE 12

In this work-based learning course, students learn to apply the work from the pathway to internal projects at the school and/or district. The work-based learning opportunity will allow students assume a leadership role as student producers, student directors, student engineers, and student trainers. The students will over all video productions and programming of the studio. Students are scheduled individually for a double period each day and are expected to commit additional time during and after school. Prerequisite: Senior and Communications & Technology Pathway Completer.

Offered at CHS, GHS, and NHS

WORK-BASED LEARNING PRACTICUM
COURSE NUMBER
?? SEMESTERS
1 CREDIT
GRADE 12

The WBL Practicum provides eligible seniors the opportunity to participate in an approved Work-Based Learning experience. Students apply academic and technical knowledge in a real-world environment while developing the professional skills needed for postsecondary success. Experiences may include internships, paid employment, hybrid projects, or other employer-supervised work. Work-Based Learning experiences must connect meaningfully to a student's chosen high school pathway or career goals. Prerequisite: Pathway Course Completion.

Offered at CHS, GHS, and NHS

ACADEMY OF FINANCE
ACADEMY OF BUSINESS INFORMATION MANAGEMENT PAID WORK-BASED LEARNING INTERNSHIPS
GRADES 11-12

NAF Academy Internships are an integral component and defining milestone for bridging NAF students from high school to college and/or career. However, we recognize the challenges with securing enough internships to serve all eligible students. To ensure students could still qualify for Certification during the pandemic, NAF offered flexible options to meet the internship requirement of NAFTrack Certification for students in the graduating classes of 2021 and 2022. NAF is extending the policy through August 2022, for the classes of 2021, 2022, and 2023. Students in these classes will receive credit for the internship component if the experience meets the requirements detailed below. Prerequisite: CTE NAF Academy.

Internship Options

- Virtual internship (1-to-1 or group-based)
- Clinical experience

Alternative Experience Options

- Service-learning experience
- Volunteerism experience in a non-profit
- Career and Technical Student Organization (CTSO) or Business Focused Project with business partner(s) assisting as project mentor/supervisor
- Career Readiness Experience (CRE) a paid virtual experience which provides opportunities to build work-based learning competencies, career skills with mentoring by industry professional

Requirements

- 80+ hours (or two 40-hour experiences)

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

- Paid, compensated, No less than federal (or higher, if local) sub-minimum training wage paid in money or a volunteered experience
- Direct supervision by an accountable adult who is not the student's teacher or school administrator
- Produces work of value to an employer
- Completion of the NAFTrack Internship Assessment by the student's mentor/ supervisor (not a teacher, parent, or guardian) at the end of the internship

Offered at GHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

WORLD LANGUAGES

PROFICIENCY TARGETS

Novice High: Novice High students can communicate and exchange information about familiar topics using phrases and simple sentences sometimes supported by memorized language.

Intermediate Low: Intermediate Low students can participate in conversations on a number of familiar topics using simple sentences. They can handle short social interactions in everyday situations by asking and answering simple questions.

Intermediate High: Intermediate High students can participate with ease and confidence in conversations on familiar topics. They can usually talk about events and experiences in various time frames. They can usually describe people, places and things. The can handle social interactions in everyday situations sometimes even when there is an unexpected complication.

CERTIFICATE FOR MULTILITERACY

Delaware has developed a new Certificate of Multiliteracy to honor and recognize students with high levels of language proficiency in addition to English.

The Certificate of Multiliteracy is Delaware's version of the Seal of Biliteracy, which is a national response to recognize the importance of language learning both socially and economically. The certificate is a tangible reminder to students of the benefits of bilingualism and multilingualism.

Student who achieve set proficiency scores from an assessment of the above languages would earn an state of Delaware certificate and a medal at the conclusion of their senior year.

This credential can help differentiate you as an applicant for a job, college entrance or the military.

FRENCH

FRENCH I
WLD 2110
1 SEMESTER
1 CREDIT
GRADES 9-11

Proficiency Target: Novice High

This course introduces students to the French language, geography and culture. Students will develop a basic ability to understand, speak, read and write French using the three modes of communication: interpretive, interpersonal and presentational.

Offered at CHS and NHS

FRENCH II
WLD 2210
1 SEMESTER
1 CREDIT
GRADES 10-12

Proficiency Target: Intermediate Low

In this course students further their understanding of French communication skills with an emphasis on advanced grammatical study, readings and conversations designed to increase familiarity with the history and cultures of France and Francophone areas of the world. Prerequisite: French I.

Offered at CHS and NHS

FRENCH II HONORS
WLD 2220 (HON)
1 SEMESTER
1 CREDIT
GRADES 10-12

Proficiency Target: Intermediate Low

In this course students further their understanding of French communication skills with an emphasis on advanced grammatical study, readings and conversations designed to increase familiarity with the history and cultures of France and Francophone areas of the world. Prerequisite: French I.

Offered at NHS

FRENCH III HONORS
WLD 2320 (HON)
1 SEMESTER
1 CREDIT
GRADES 11-12

Proficiency Target: Intermediate Mid

In this course students are expected to speak French and use their knowledge of the language to read short stories and literary, historical, cultural and informational texts. Students will also write essays and compositions and deliver oral presentations. Prerequisite: French II.

Offered at CHS and NHS

FRENCH IV HONORS
WLD 2420 (HON)
1 SEMESTER
1 CREDIT
GRADES 11-12

Proficiency Target: Intermediate High

In this course students practice the skills gained in earlier study and further their understanding of French-speaking countries and cultures through intensive literature, cultural and historical study. Prerequisite: French III.

Offered at CHS and NHS

AP FRENCH LANGUAGE
WLD 2630 (AP)
2 SEMESTERS
1 CREDIT
GRADE 12

Proficiency Target: Intermediate High

This course focuses on strengthening communication skills and sharpening awareness of the diversity of la Francophone. Extensive exploration of literature, history, and culture is central to this course. Prerequisite: French IV.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

WORLD LANGUAGES

MANDARIN CHINESE

MANDARIN CHINESE I
WLD 5110
1 SEMESTER
1 CREDIT
GRADES 9-11

This course is an introduction to Mandarin Chinese, the official language of China. The emphasis will be on spoken Mandarin. Students will learn how to handle everyday situations, explain their life, family, interests, pastimes and more and they will also learn how to inquire about the same.

Offered at NHS

MANDARIN CHINESE II
WLD 5210
1 SEMESTER
1 CREDIT
GRADES 9-12

This course is for students who, having successfully developed strong basic skills, are ready to increase proficiency in oral comprehension and in the speaking, reading and writing skills of Mandarin Chinese. Readings are real-life dialogues emphasizing proper use of Mandarin with the goal of developing vocabulary and fluency. Written and oral precision will be emphasized. Authentic materials will be studied. Culture content is incorporated into instruction. Students can write short articles by either hand writing or typing Chinese characters. Prerequisite - Mandarin Chinese I.

Offered at NHS

MANDARIN CHINESE III
WLD 5310
1 SEMESTER
1 CREDIT
GRADES 9-12

Mandarin Chinese III is an intermediate-level Chinese language course designed for those students who are learning Mandarin as a second language. It introduces sophisticated topics and emphasizes the use of authentic materials. Cultural learning and development of insight into the nature of the language and culture are integrated into the curriculum. Students are expected to reach higher levels of proficiency in the target language. Prerequisite - Mandarin Chinese II

Offered at NHS

CHINESE IMMERSION PROGRAM

CHINESE IV
WLD 5410
1-2 SEMESTERS
1 CREDIT
GRADES 9-12

Pre-AP Chinese/Chinese IV is a year-long course designed to prepare students for AP Chinese. Learners will work to increase their communicative and cultural competence to ensure that conversation and discussion will be carried on in Chinese in daily classroom learning. They will listen, read, discuss and write from authentic material. Chinese IV will incorporate AP Chinese skills such as simulated conversations, interpersonal, interpretive and presentational communicative modes, and long and short reading comprehension. This course is conducted primarily in the target language. Learners are encouraged to communicate only in Chinese during class and are encouraged to use Chinese within the school community. Learners will be recommended to participate in AP Chinese Language and Culture after successful completion of the course. Prerequisite: Accomplishment of Chinese Immersion K-8 learning, Chinese III, or the equivalent.

Offered at NHS.

AP CHINESE LANGUAGE AND CULTURE
WLD 5530
1-2 SEMESTERS*
1 CREDIT
GRADES 9-12

AP Chinese Language and Culture is a year-long course designed to be comparable to fourth semester (or the equivalent) college/university Chinese courses. Learners will further elevate their communicative and cultural competence via participating in the daily learning activities. By the closure of the course, learners are expected to perform at the Intermediate range across the three communication modes: interpretive, interpersonal, and presentational, which were described in the ACTFL Performance Descriptors. This course is conducted exclusively in Chinese. Learners are required to communicate only in Chinese during class and are encouraged to use Chinese within the school community. Learners are expected to take the AP exam in May after receiving extensive training in simulated conversations, presentational writing and speaking, interpersonal writing and speaking, and reading and listening to affluent authentic language material. Learners will be recommended to participate in Bridge Program Course 1 (college level courses from University of Delaware) after successful completion of the course.

Offered at NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

WORLD LANGUAGES

UD CHIN 355: CHINESE FILM AND CULTURE (BRIDGE COURSE 1)
DUA 8730
1 SEMESTER
1 CREDIT
GRADES 10-12

UD CHIN 355 Chinese Film and Culture is a year-long college level course designed for the students who have successfully completed the AP Chinese Language and culture. Learners will develop their language proficiency by exploring three contemporary Chinese films and studying some topics related to those three films. The topics can focus on education, economic development, career choices, family and personal life, and Parent-child relationships. Furthermore, based on those three films, learners will explore how culture, tradition, and social inequalities influences family and individuals in Chinese-speaking regions. UD CHIN 355 provides all learners with task-based, authentic language material focused, and communicative learning experiences. Classroom learning activities include, but not confines role-plays, multi-media presentations, and interviewing native speakers, whole class or small group discussions, etc. Additionally, learners will investigate a number of Chinese cultural practices in the films to understand different perspectives and interact appropriately in the target language. The course will be conducted exclusively in Chinese.

Learners will be granted three transferable college credits from University of Delaware after successful completion of the course.

Learners will be recommended to participate in Bridge Program Course 2 (college level courses from University of Delaware) after successful completion of the course. Prerequisite: AP Chinese or equivalent

Offered at NHS

UD CHIN 452 ADVANCED READINGS IN CHINESE CULTURE (BRIDGE COURSE 2)
DUA 8630
1 SEMESTER
1 CREDIT
GRADES 10-12

UD CHIN 452 Advanced Readings in Chinese Culture is a year-long college level course designed for the students who have successfully completed the AP Chinese Language and culture and UD CHIN 355.This course aims to improve students' reading and writing proficiency through rigorously training in reading and responding to selected literature works. The selected literature works will provide learners with an intensive look at some of the most important social and cultural issues in modern and contemporary China. Learners will develop their abstract reasoning skills as well as their ability to narrate and describe. The course will be conducted exclusively in Chinese.

Learners will be granted three transferable college credits from University of Delaware after successful completion of the course. Prerequisite: AP Chinese, UD CHIN 355 or equivalent.

SPANISH

FUNCTIONAL SPANISH I
WLD 1110
1 SEMESTER
1 CREDIT
GRADES 9-11

Proficiency Target: Novice High

This course is the first of a two-year curriculum, designed for students who need to complete the two-year World Language graduation requirement but who do not plan to continue studying at levels 3, 4 or 5. This course teaches basic Spanish skills using the three modes of communication: interpretive, interpersonal and presentational. This course may not meet world language requirements for college admissions. Approval from counselor required.

Offered at CHS and NHS

FUNCTIONAL SPANISH II
WLD 1210
1 SEMESTER
1 CREDIT
GRADES 10-12

Proficiency Target: Intermediate Low

This course is the second of a two-year curriculum, designed for students who need to complete the two-year World Language graduation requirement but who do not plan to continue studying at levels 3, 4 or 5. This course allows students to further their basic Spanish skills. This course may not meet world language requirements for college admissions. Approval from counselor required. Prerequisite: Functional Spanish I.

Offered at CHS and NHS

SPANISH I
WLD 3110
1 SEMESTER
1 CREDIT
GRADES 9-11

Proficiency Target: Novice High

This course introduces students to the Spanish language, geography and culture. Students will develop a basic ability to understand, speak, read and write Spanish using the three modes of communication: interpretive, interpersonal and presentational.

Offered at CHS, GHS and NHS

**Course is offered in 1 or 2 semester format depending on the scheduling model offered by the school.*

WORLD LANGUAGES

SPANISH II
WLD 3210
1 SEMESTER
1 CREDIT
GRADES 10-12

Proficiency Target: Intermediate Low

This course helps students further their understanding of Spanish communication skills with an emphasis on advanced grammatical study, readings and conversations designed to increase familiarity with the history and cultures of the Spanish-speaking world. Prerequisite: Spanish I.

Offered at CHS, GHS and NHS

SPANISH II HONORS
WLD 3220 (HON)
1 SEMESTER
1 CREDIT
GRADES 10-12

Proficiency Target: Intermediate Low

This course is designed for students who have performed above average in Spanish I and who are planning on studying Spanish through the upper levels. Prerequisite: Spanish I.

Offered at CHS, GHS and NHS

SPANISH III HONORS
WLD 3320 (HON)
1 SEMESTER
1 CREDIT
GRADES 11-12

Proficiency Target: Intermediate Mid

In this course students are expected to speak Spanish and use their knowledge of the language to read short stories and literary, historical, cultural and informational texts. Students will also write essays and compositions and deliver oral presentations. Prerequisite: Spanish II.

Offered at CHS, GHS and NHS

SPANISH IV HONORS
WLD 3420 (HON)
1 SEMESTER
1 CREDIT
GRADES 11-12

Proficiency Target: Intermediate High

In this course students practice the skills gained in earlier study and further their understanding of Spanish-speaking countries and cultures through intensive literature, cultural and historical study. Prerequisite: Spanish III.

Offered at GHS and NHS

AP SPANISH LANGUAGE AND CULTURE
WLD 3630 (AP)
1-2 SEMESTERS*
1 CREDIT
GRADE 12

Proficiency Target: Intermediate High

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Offered at NHS

SPANISH I HONORS
WLD 4320 (HON)
1 SEMESTER
1 CREDIT
GRADES 9-11

This course is designed for students who have previously studied Spanish or are concurrently enrolled in Honors or AP courses.

Offered at GHS and NHS

SPA 301 DUAL ENROLLMENT SPANISH
WILMINGTON UNIVERSITY
DUA 8530
1 SEMESTER
1 CREDIT
GRADES 11-12

This course is an introduction to the Spanish language with emphasis on developing listening and speaking skills commonly used in conversation. Students will develop vocabulary and communication skills by practicing speaking skills individually and conversationally as well as reading simple texts to assist in speaking skills. Students will be assessed through individual speaking and reading as well as conversational activities.

Offered at CHS, GHS and NHS

COURSE SELECTION PLANNING WORKSHEET

Use this worksheet along with the Education Plan section of your Student Success Plan to map out your high school courses. Bring the completed worksheet to your scheduling appointment with your school counselor.

STUDENT NAME: GRADE: PATHWAY:

GRADUATION REQUIREMENTS	GRADE 9 COURSES	GRADE 10 COURSES	GRADE 11 COURSES	GRADE 12 COURSES	TOTAL
English (4 Credits) English 9, English 10, English 11, English 12					
Mathematics (4 Credits)				(Required)	
Science (3 Credits) Earth / Physical Science, Biology, Chemistry					
Social Studies (3 Credits) Human Geography, Civics / Economics, U.S. History					
Additional Science or Social Studies (1 Credit)					
Physical Education (1 Credit)					
Health (0.5 Credit)					
World Language (2 Credits) 2 Credits in the Same World Language					
Pathway Requirement (3 Credits) 3 Planned and Sequential Career Pathway Courses					
Additional Electives (4.5 Credits)					
Total Credits Earned					

Use the spaces below to write down the courses you want to take in the next school year. Look at the courses you mapped out above (the ones you have taken and the ones you still need to take) to be sure you have everything you need to succeed.

Core Courses	Course #	Credits	Other Requirements & Elective Courses	Course #	Credits
English:					
Mathematics:					
Science:					
Social Studies:					
Alternate 1:			**Alternate 2:**		

STUDENT SIGNATURE: DATE: PARENT SIGNATURE: DATE:

CHRISTINA
SCHOOL DISTRICT

Scan the QR code or visit christinak12.org/academics
to learn more about academics at Christina School District.