2026-2027 PROGRAM OF STUDIES

OVERVIEW AND DETAILS OF SECONDARY COURSE OFFERINGS

Updated December 2026

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POQUOSON CITY PUBLIC SCHOOLS

500 City Hall Ave, Poquoson, Virginia 23662 (757) 868-3055 Fax (757) 868-3107

Dear Parents & Guardians,

The Poquoson City Public Schools Secondary Program of Studies for grades 6-12 provides the framework for students to plan their middle and high school schedules and anticipate requirements for post-high school options. As more and more courses taken at the middle school level are available for high school credit, it becomes increasingly important for students and parents to see the "big picture" when selecting courses at both the middle school and the high school levels.

At the middle school level, students will select electives to explore a variety of interests so that by high school they can select courses that provide effective career pathways. At the high school level, the focus is on meeting graduation requirements, providing career and technical training, and preparing the student for further education beyond high school. Take some time to investigate opportunities at New Horizons Regional Education Career and Technical Center or Governor's School for Science & Technology. Many career and technical programs offer credentialing and licensure for selected occupations. Encourage your students to select elective courses that provide them with experiences in the arts, introduce them to career fields, develop life skills, foster leadership, or enhance their potential for college admission.

It is important for college-bound students to maintain a rigorous schedule throughout all four years of high school. Students will have opportunities to earn college credits through Advanced Placement courses, dual enrollment in New Horizons Governor's School courses, and dual enrollment in selected PHS courses. Students are also encouraged to register for The Governor's Early College Scholars Program.

Please take time to review this document with your student prior to course registration. Feel free to contact your student's school counselor if you have questions. Working together, we can prepare all of our students to be contributing members of society and lifelong learners.

Sincerely,
Poquoson City Public Schools' Counselors

Poquoson Middle School:

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Poquoson High School:

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Poquoson City Public Schools reserves the right to revise the Program of Studies in accordance with state or federal requirements. The online version will be the official document and can be accessed https://www.poquoson.k12.va.us/families/instruction

Poquoson City Public Schools Nondiscrimination Policy

Poquoson City Public Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Mrs. Kimberly Montalvo, 500 City Hall Avenue, Poquoson, VA 23662, telephone: 757-868-3055. For further information on notice of non-discrimination, see the list of OCR Enforcement Offices for the address and phone number of the office that serves your area or call 1-800-421-3481.

Poquoson City Public Schools Mission Statement

Poquoson City Public Schools prepare all students for a successful and meaningful life. Each of the four Poquoson City schools has attained full accreditation status by the Virginia Department of Education and the Southern Association of Colleges and Schools, a regional accrediting agency encompassing twelve southern states.

The overall responsibility for the direction of the Poquoson school system rests with a seven member School Board. Members of the Board are appointed by City Council for three-year terms with each member serving no more than two consecutive terms. Two members are appointed from each electoral precinct and one member is an at-large representative. There is also a student representative to the School Board. This representative presents student issues and keeps the student body informed of Board activities and decisions. The School Board meets at 6:00 p.m. on the third Tuesday of each month in the City Hall Council Chambers. Meetings are open to the public and televised locally on Cox channel 46 and FIOS channel 25.

Preparing Your Secondary School Plan

What You Need to Know

Each student should think about their career goals and, with their parents/guardians, draft a plan for their individual secondary program of study to prepare them for their future aspirations. The plan may change, of course, as a student progresses through middle and high school and learns more about their abilities, interests, and the opportunities available to them. School counselors will work with students and parents to update the plan each year and to assist students in the registration process for the next year's courses. When drafting this plan, students and parents should refer to the diploma requirements, suggested course sequences, and course descriptions in this Program of Studies. School counselors are always ready to assist with scheduling information, requirements, and planning strategies.

Getting Started

Pay close attention to the graduation requirements for your particular graduating class. There are many variations based on individual elective choices and student performance. This guide is designed to assist students and their parents with long-range program planning and selecting courses for next year. The school counselor, parent, and student will develop an Academic and Career Plan that will address the interests and aptitudes of the student. This plan will serve as a guide for yearly conferences and decisions to be made throughout middle and high school. A worksheet is available within this document to assist with these plans. Please use this form to begin to design a program that meets your students' individual academic and career objectives. Students should choose courses that contribute toward the accomplishment of their educational, personal, and career goals.

Keep in mind that these are tentative plans and that students and parents will need to review plans annually with a school counselor to make adjustments as necessary. Information in this booklet should generate helpful discussions about career opportunities, diploma types, and educational plans. Please assist school personnel as they work to help your student realize that the educational choices made today greatly affect the opportunities available to them in the future.

Poquoson City Public Schools
Academic and Career Plan

Name:	Graduation Year:
1st Career Cluster:	2nd Career Cluster:
Specific Career/Occupational Goals:	
Educational Goal:	Diploma:
Target Post-Secondary Schools or Training:	
Extra-Curricular Interests/Community Engagement:	
Workplace Readiness Skills:	

High School Credits Taken in Middle School

Course	Year Taken	Final Grade	Omit/Retain	Comments

Students have until July 1 prior to 9th Grade Year to return forms to the Middle School Counseling Office

COURSE SELECTION PLANNING TOOL

Discipline Area	9th	10th	11th	12th	Required Credits Advanced	Standard
English					4	4
Math					4	3
Science					4	3
Social Studies/History					4	3
Health & PE					2	2
Economics/ Personal Finance					1	1
World Language					3	2
Fine Arts					1	
Career & Tech Electives						
Other Electives					3	4
Total Credits					26	22

Verified Credits required and/or to be earned (SOL Tests Required and/or Passed), see course samples for more information.

Writing (11th grade)	Algebra I	Earth Science	World Geography
Reading (11th grade)	Geometry	Biology	World History
	Algebra II	Chemistry	US & VA History

Student Signature _____ Date _____

Parent Signature _____ Date _____

Plan Updates:

For more information on graduation requirements, please visit the Virginia Department of Education
https://www.doe.virginia.gov/parents-students/for-students/graduation/diploma-options

CAREER CLUSTERS

Career Clusters are broad groupings of career fields. Each Cluster is further divided into Career Pathways. Pathways are sub-groupings of occupations based on a set of common knowledge and skills needed for career success.

Example: **Career Cluster** – Information Technology; **Career Pathway** – Web & Digital Communications

Each Career Pathway has been developed to provide students with a coherent, articulated sequence of rigorous academic and career-related courses that will prepare students to graduate and compete in a global economy. These programs of study are designed to help students make informed decisions about course selection and to draft a plan for their individual pathway to success.

The Virginia Department of Education has adopted 16 Career Clusters. To learn more about Career Clusters visit https://www.vawizard.org/vccs/CareerSearch.action or contact your student's school counselor.

Note: The PCPS Experiential Learning, Senior Seminar, and the Leadership course may be taken as an elective within any of the following pathways.

Agriculture, Food, & Natural Resources The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.	**Pathways**	**Sample Careers**	**Suggested Elective Courses**
	Agribusiness Systems Animal Systems Environmental Service Systems Food Products & Processing Systems Natural Resources Systems Plant Systems Power, Structural & Technical Systems	Florist Landscaper/Groundskeeper Pest Control Veterinary Assistant Biological Technician Environmental Technician Veterinarian Technician Fish/Game Warden Botanist Ecologist Environmental Engineer Veterinarian	PMS: Financial Literacy PHS: Environmental Science Biology Chemistry Geography NHREC: Veterinary Science

Architecture & Construction Careers in designing, planning, managing, building and maintaining the built environment.	Pathways	Sample Careers	Suggested Elective Courses
	Design/Pre-Construction Construction Maintenance/Operations	Architectural Drafter Construction Worker Roofer Carpenter Electrician HVAC Mechanic Plumber Architect Construction Manager Civil Engineer	PMS: Digital Applications Technology Education 6 Inventions & Innovations Technology Systems PHS: Technical Drawing & Design Architectural Drawing & Design Geometry Calculus Physics NHREC: Electricity & Renewable Energy Carpentry HVAC

Arts, A/V Technology, & Communication Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.	Pathways	Sample Careers	Suggested Elective Courses
	A/V Technology & Film Printing Technology Visual Arts Performing Arts Journalism & Broadcasting Telecommunications	Printing Equipment Operator Actor, Dancer, Musician Broadcast Technician, Desktop Publisher, Stylist Photographer/Videographer Computer Animator Graphic Artist Journalist	PMS: Digital Applications Art/Drama/Band/Chorus PHS: Intro to Fashion Careers Art/Drama/Band/Chorus Yearbook Creative Writing Digital and Social Media Marketing

Business Management & Administration Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.	Pathways	Sample Careers	Suggested Elective Courses
	General Management Business Info Management Human Resources Management Operations Management Administrative Support	Administrative Assistant Customer Service Rep Receptionist Legal Assistant Office Manager Claims Adjuster Certified Public Accountant Finance Director Human Resources Manager	PMS: Digital Applications Financial Literacy PHS: Accounting Business Law Computer Information Systems Entrepreneurship Education Psychology

Education & Training	Pathways	Sample Careers	Suggested Elective Courses
Planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.	Administration & Administrative Support Professional Support Services Teaching	Childcare Worker Coach Library Assistant Paraeducator Preschool Teacher Teacher School Counselor Principal Speech-Language Pathologist	PMS: Digital Applications Financial Literacy PHS: Intro to Early Childhood Education VA Teachers for Tomorrow Psychology NHREC: Early Childhood Education

Finance	Pathways	Sample Careers	Suggested Elective Courses
Planning and related services for financial and investment planning, banking, insurance, and business financial management.	Securities & Investments Business Finance Accounting Insurance Banking Services	Bank Teller Insurance Clerk Claims Agent Tax Preparer Accountant Economist Financial Planner	PMS: Financial Literacy Digital Applications PHS: Accounting Business Law Economics & Personal Finance Math courses

Government & Public Administration	Pathways	Sample Careers	Suggested Elective Courses
Planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.	Governance National Security Foreign Service Planning Revenue & Taxation Regulation Public Management & Administration	Cargo Inspector Postal Clerk Census Clerk Legislative Assistant City Manager Internal Revenue Investigator Lobbyist	PMS: Financial Literacy Digital Applications Technology Education 6 PHS: Geography World History Psychology Accounting Business Law World Languages Aviation Academy

Health Science	Pathways	Sample Careers	Suggested Elective Courses
Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	Therapeutic Services Diagnostic Services Health Informatics Support Services Biotechnology Research & Development	Dental Assistant Home Health Aide Nursing Assistant Dental Hygienist Licensed Practical Nurse (LPN) Emergency Medical Technician Dentist Registered Nurse (RN) Physician	PMS: Forensic Science PHS: Intro to Health-Medical Sciences Sports Medicine Biology Biology II – Anatomy & Genetics Chemistry Forensic Science Physics Calculus Psychology NHREC: Dental Assistant Medical Assistant Nursing Assistant Pharmacy Tech Veterinary Science

Hospitality & Tourism	Pathways	Sample Careers	Suggested Elective Courses
Preparing individuals for employment in career pathways that relate to families and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.	Restaurants & Food/Beverage Services Lodging Travel & Tourism Recreation, Amusements & Attractions	Tour Guide Guest Service Representative Cook Travel Agent Hotel Manager Food Service Manager/Chef Director of Tourism Event Planner Marketing Manager	PMS: Digital Applications Financial Literacy PHS: Entrepreneurial Education Marketing Exploration Intro to Culinary Arts Sports & Entertainment Marketing Advanced Sports & Entertainment Marketing Psychology NHREC: Culinary Arts

Human Services	Pathways	Sample Careers	Suggested Elective Courses
Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.	Early Childhood Development & Services Counseling & Mental Health Services Family & Community Services Personal Care Services Consumer Services	Hair Stylist Personal Fitness Trainer Cosmetologist Grief Counselor Massage Therapist Licensed Professional Counselor Social Worker Volunteer Coordinator	PMS: Digital Applications Financial Literacy PHS: Independent Living Nutrition & Wellness Teachers for Tomorrow Psychology NHREC: Barbering Cosmetology

Information Technology	Pathways	Sample Careers	Suggested Elective Courses
Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.	Network Systems Information Support & Services Web & Digital Communications Programming & Software Development	Computer Repair Technician Data Entry Help Desk Technician Database Administrator Web Designer Computer Programmer Network Administrator Software Engineer	PMS: Digital Applications Intro to Programming and Coding PHS: Computer Applications Computer Information Systems Desktop Publishing/Multimedia Presentations IT Fundamentals Programming NHREC: Computer Systems Technology Cybersecurity Aviation Academy

Law, Public Safety, Corrections, & Security	Pathways	Sample Careers	Suggested Elective Courses
Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.	Correction Services Emergency & Fire Management Services Security & Protective Services Law Enforcement Services Legal Services	Emergency Dispatcher Firefighter/Police Officer Security Guard Court Reporter Paralegal Attorney Emergency Management Director Probation Officer	PMS: Forensic Science PHS: Business Law Criminal Justice World Languages Psychology NHREC: Criminal Justice Emergency Medical Technician Firefighter Aviation Academy

Manufacturing	Pathways	Sample Careers	Suggested Elective Courses
Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.	Production Manufacturing Production & Process Development Maintenance, Installation & Repair Quality Assurance Logistics & Inventory Control Health, Safety & Environmental Assurance	Dispatcher Forklift Operator Welder Industrial Engineering Tech Safety Coordinator Quality Engineer Safety Engineer	PMS: Technology Education 6 Inventions & Innovations Technology Systems PHS: Technical Drawing Engineering Drawing & Design Advanced Technical Drawing NHREC: Electronics/Industrial Robotics Technology Advanced Industrial Robotics Technology Mechatronics Welding Aviation Academy

Marketing	Pathways	Sample Careers	Suggested Elective Courses
Planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.	Marketing Management Professional Sales Merchandising Marketing Communications Marketing Research	Shipping/Receiving Clerk Telemarketer Real Estate Sales Agent Sales Representative Market Research Analyst Public Relations Manager	PMS: Digital Applications Financial Literacy PHS: Intro to Marketing Marketing Exploration Intro to Fashion Careers Digital & Social Media Marketing Fashion Marketing Entrepreneurial Education Advanced Marketing Sports & Entertainment Marketing Advanced Sports & Entertainment Marketing Computer Information Systems Psychology

Science, Technology, Engineering & Mathematics	Pathways	Sample Careers	Suggested Elective Courses
Planning, managing, and providing scientific research, providing professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.	Engineering & Technology Science & Math	Drafter Field Crew Surveyor CAD Technician Electronics Technician Survey Technician Aerospace Engineer Chemist Statistician	PMS: Technology Education 6 Inventions & Innovations Technology Systems PHS: Technical Drawing & Design Engineering Drawing & Design Advanced Drawing & Design Electronic Systems Earth Science, Environmental Science, Biology, Chemistry, Physics Forensic Science Algebra, Geometry, Trigonometry, Calculus NHREC: Electronics/Industrial Robotics Technology Advanced Industrial Robotics Technology Mechatronics Aviation Academy

Transportation, Distribution, & Logistics The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.	Pathways	Sample Careers	Suggested Elective Courses
	Transportation Operations Logistics Planning & Management Services Warehousing & Distribution Center Operations Facility & Mobile Equipment Maintenance Transportation Systems/Infrastructure Planning Management & Regulation Health, Safety & Environmental Management Sales & Service	Dispatcher Mechanic Truck Driver Avionics Technician Customs Inspector Flight Attendant Air Traffic Controller Pilot Port Manager	PMS: Technology Education 6 Inventions & Innovations Technology PHS: Technical Drawing & Design Engineering Drawing & Design Accounting Computer Information Systems Marketing Physics NHREC: Auto Body Technology Automotive Technology Aviation Academy

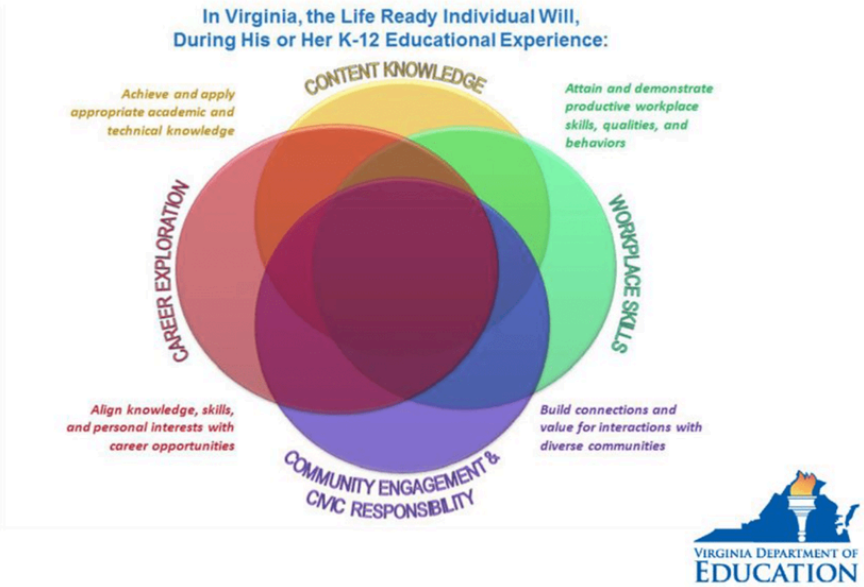
PROFILE OF A GRADUATE

The Virginia Board of Education's Profile of a Graduate describes the knowledge, skills, competencies and experiences that students must attain to be successful in college and/or the work force and be "life-ready" in an economy and a world characterized by rapid change. The board has determined that a life-ready Virginia graduate must:

- Achieve and apply appropriate academic and technical knowledge (content knowledge);
- Demonstrate productive workplace skills, qualities, and behaviors (workplace skills);
- Build connections and value interactions with others as a responsible and responsive citizen (community engagement and civic responsibility); and
- Align knowledge, skills and personal interests with career opportunities (career exploration).

The Profile of a Graduate presents and describes four overlapping areas for student learning and achievement considered essential to success beyond high school. These are knowledge of subject areas based on statewide standards and their application (content knowledge); demonstration of personal skills and behaviors required for productivity, effective relationships, and problem-solving within one's workplace (workplace skills); understanding of the opportunities within the civic organizations for service and decision-making and responsibility for respectful interactions with others (community engagement and civic responsibility); and individual participation in career exploration, planning and preparation, based on understanding of personal interests, skills, and abilities and the needs of the economy (career exploration). Embedded in these overlapping areas are the 5 Cs of the 21st Century learner - Critical Thinking, Creativity, Collaboration, Communication, and Citizenship. The graphics below outline four Profile of Graduate domains and the 5 Cs.

Profile of a Virginia Graduate



PROFILE OF A GRADUATE

In Virginia, the Life Ready Individual:

Content Knowledge

- Attains and is able to use the knowledge and skills described in the Standards of Learning for core instruction areas (English, math, science, and history/social science), the arts, personal wellness, languages, and Career and Technical Education programs.
- Attains and demonstrates the knowledge and skills necessary to transition to and achieve in a global society and be prepared for life beyond high school graduation.
- Explores multiple subject areas that reflect personal interests and abilities.

Workplace Skills

- Attains and demonstrates productive work ethic, professionalism, and personal responsibility.
- Communicates effectively in a variety of ways, and to a variety of audiences, to interact with individuals and within groups.
- Demonstrates workplace skills including collaboration, communication, creativity, critical thinking, problem solving, and responsible citizenship.

Community Engagement & Civic Responsibility

- Makes connections and is involved in the community through civic opportunities.
- Demonstrates integrity, maintains personal health and wellness, and shows respect for others.
- Shows respect for diversity of individuals, groups, and cultures in words and actions.
- Understands and demonstrates citizenship by participating in community and governmental decision-making.

Career Exploration

- Understands knowledge, skills and abilities sought by employers for career opportunities.
- Aligns knowledge, skills, and abilities with personal interests to identify career opportunities.
- Sets goals for career, school and life and has knowledge of a variety of pathways, coursework, and/or requirements to achieve goals.
- Develops skills to align to current workplace needs, and that adapt to evolving job opportunities.
- Applies skills and knowledge by participating in workplace experiences.

Critical Thinking, Creative Thinking, Collaboration, Communication and Citizenship

WHAT ARE THE '5C' SKILLS?

C COMMUNICATION	C COLLABORATION	C CRITICAL THINKING	C CREATIVITY
Sharing thoughts, questions, ideas and solutions	Working together to reach a goal. Putting talent, expertise, and smarts to work	Looking at problems in a new way and linking learning across subjects & disciplines	Trying new approaches to get things done equals innovation & invention

C CITIZENSHIP

Building connections, finding value in interactions, respecting diversity , and being a responsible and responsive citizen

DIPLOMA REQUIREMENTS

STANDARD DIPLOMA REQUIREMENTS

To graduate with a Standard Diploma, students:

- Must earn at least 22 standard units of credit by passing required courses and electives.
- Must earn at least five (5) verified credits by passing end-of-course SOL tests or other assessments approved by the Board of Education.
- Must earn a board-approved career and technical education credential.
- To meet graduation requirements students must complete at least two sequential elective courses as defined by the Standards of Quality. Sequential electives may be in any discipline not otherwise required for graduation and do not need to be taken in consecutive years. An introductory course followed by a higher-level course in the same program may fulfill this requirement; however, an exploratory course may not be used as part of the sequence.
- Must successfully complete one virtual course, which may be a non-credit bearing course or a required or elective credit-bearing course that is offered online.
- Shall be trained in emergency first aid, CPR, and the use of AED, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Students with an IEP or 504 Plan that documents that they cannot successfully complete this training shall be granted a waiver from this graduation requirement, as provided in *8VAC20-131-420 B*.
- Must complete a Capstone Experience Requirement: Students entering high school as a 9th grader for the first time in 2023-24, and thereafter, must complete a capstone experience to earn a diploma from Poquoson City Public Schools. Specific details can be found under General Secondary Information.

Minimum Course and Credit Requirements Required for a Standard Diploma		
Discipline Area	**Standard Units of Credit Required**	**Verified Credits Required**
English (reading and writing)	4	2
Mathematics [1]	3	1
Laboratory Science [2, 5]	3	1
History and Social Sciences [3, 5]	3	1
Health and Physical Education	2	
World Language, Fine Arts or Career & Technical Education [6]	2	
Economics and Personal Finance	1	
Electives [4]	4	
Total [7, 8]	**22**	**5**

[1] Courses completed to satisfy this requirement shall be at or above the level of algebra and shall include at least two course selections from among: Algebra I, Geometry, Algebra Functions and Data Analysis, Algebra II, or *other mathematics courses approved by the board to satisfy this requirement. Per the Standards of Quality, a computer science course credit earned by a student may be considered a mathematics course credit.*

[2] Courses completed to satisfy this requirement shall include course selections from at least two different science disciplines: Earth sciences, biology, chemistry, or physics. The board shall approve additional courses to satisfy this requirement. *Per the Standards of*

Quality, a computer science course credit earned by a student may be considered a science course credit. PCPS requires all students to take the biology SOL end of course test for federal accountability purposes.

[3] Courses completed to satisfy this requirement shall include World History, Virginia & U.S. History, Virginia & U.S. Government

[4] Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality. Sequential electives may be in any discipline as long as the courses are not specifically required for graduation. Courses used to satisfy the one unit of credit in fine arts or career and technical education may be used to partially satisfy the sequential electives requirement. An exploratory course followed by an introductory course may not be used to satisfy the requirement; however, an introductory course followed by another level of the same course of study may be used. Sequential electives do not have to be taken in consecutive years.

[5] Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for either a laboratory science or history or social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.

[6] Per the Standards of Quality, credits earned for this requirement shall include one credit in fine or performing arts or career and technical education. Per the Standards of Quality, a computer science credit earned by students may be considered a career and technical education course credit.

[7] Advanced Placement, Honors, or International Baccalaureate Course or Career and Technical Education Credential: In accordance with the Standards of Quality, students shall either (i) complete an Advanced Placement, honors, or International Baccalaureate course, or (ii) earn a career and technical education credential approved by the board, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the standard diploma requirements. This career and technical education credential, when required, could include the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness assessment.

[8] Demonstration of the five Cs: Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication, and citizenship in accordance with the Profile of a Virginia Graduate approved by the Board.

ADVANCED DIPLOMA REQUIREMENTS

To graduate with an Advanced Studies Diploma, students:

- Must earn at least 26 standard units of credit by passing required courses and electives.
- Must earn at least five (5) verified credits by passing end-of-course SOL tests or other assessments approved by the Board of Education.
- Must earn a board-approved career and technical education credential.
- To meet graduation requirements in world language, fine arts, or career and technical education, students must complete at least two sequential elective courses as defined by the Standards of Quality. Sequential electives may be in any discipline not otherwise required for graduation and do not need to be taken in consecutive years. An introductory course followed by a higher-level course in the same program may fulfill this requirement; however, an exploratory course may not be used as part of the sequence.
- Must successfully complete one virtual course, which may be a non-credit bearing course or a required or elective credit-bearing course that is offered online.
- Shall be trained in emergency first aid, CPR, and the use of AED, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Students with an IEP or 504 Plan that documents that they cannot successfully complete this training shall be granted a waiver from this graduation requirement, as provided in *8VAC20-131-420 B*.
- Must complete a Capstone Experience Requirement: Students entering high school as a 9th grader for the first time in 2023-24, and thereafter, must complete a capstone experience to earn a diploma from Poquoson City Public Schools. Specific details can be found under General Secondary Information.

Minimum Course and Credit Requirements Required for an Advanced Diploma		
Discipline Area	**Standard Units of Credit Required**	**Verified Credits Required**
English	4	2
Mathematics [1]	4	1
Laboratory Science [2]	4	1
History and Social Sciences [3]	4	1
World Language[4]	3	
Health and Physical Education	2	
Fine Arts or Career & Technical Education[5]	1	
Economics and Personal Finance	1	
Electives [6]	3	
Total [7, 8]	**26**	**5**

[1] Courses completed to satisfy this requirement shall include at least three different course selections from among: Algebra I, Geometry, Algebra II, or other mathematics courses above the level of Algebra II. The Board shall approve courses to satisfy this requirement. Per the Standards of Quality, a computer science course credit earned by students may be considered a mathematics course credit.

[2] Courses completed to satisfy this requirement shall include course selections from at least three different science disciplines from among: Earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma and shall include interdisciplinary courses that incorporate Standards of Learning content from multiple academic areas. The Board shall approve additional courses to satisfy this requirement. Per the Standards of Quality, a computer science course credit earned by students may be considered a mathematics course credit. PCPS requires all students to take the biology SOL end of course test for federal accountability purposes.

[3] Courses completed to satisfy this requirement shall include World History, Virginia & U.S. History, Virginia & U.S. Government and one additional social studies course/elective. The board shall approve additional courses to satisfy this requirement.

[4] Courses completed to satisfy this requirement shall include three years of one language or two years of two languages.

[5] Per the Standards of Quality, a computer science course credit earned by a student may be considered a career and technical credit.

[6] Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality.

[7] Advanced Placement, Honors, or International Baccalaureate Course or Career and Technical Education Credential: In accordance with the Standards of Quality, students shall either (i) complete an Advanced Placement, honors, or International Baccalaureate course, or (ii) earn a career and technical education credential approved by the board, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the advanced diploma requirements. This career and technical education credential, when required, could include the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness assessment.

[8] Demonstration of the five Cs: Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication, and citizenship in accordance with the Profile of a Virginia Graduate approved by the Board.

CREDIT ACCOMMODATION ELIGIBILITY REQUIREMENTS FOR STUDENTS WITH DISABILITIES (IDEA/Section 504)

The 2012 General Assembly amended the *Code of Virginia* and eliminated the Modified Standard Diploma beginning with students entering the 9th grade in 2013-2014. On March 28, 2013, the State Board of Education approved the proposed credit accommodations available to students with disabilities earning a standard diploma who meet the required participation criteria. Credit accommodations may not be used to award verified credits for the Advanced Diploma. Students and/or parents of students with disabilities may contact the student's counseling department or the Office of Student Services for information regarding substitute assessments, locally awarded verified credits and course offerings for students with disabilities who are pursuing a standard diploma.

OTHER DIPLOMAS AND CERTIFICATES

Special Diplomas – Students with disabilities who complete the requirement of their Individual Education Program (IEP) and do not meet the requirements for other diplomas shall be awarded an Applied Studies Diploma.

Certificates of Program Completion – Students who complete prescribed programs of studies defined by the local school board but do not qualify for diplomas shall be awarded Certificates of Program Completion.

General Education Development Certificates – In accordance with the provisions of the compulsory attendance law and 8 VAC 20-360-10, et. seq., Regulations Governing General Education Development Certificates, students who do not qualify for diplomas may earn a high school equivalency credential.

ALTERNATIVE EDUCATION OPTIONS

The Individual Student Alternative Education Plan (ISAEP)
Prepares students for the GED (General Education Development) Tests

- Students need to complete the Economics and Personal Finance Course
- Students who are 16-18 years old and are at risk of dropping out of school
- Students not earning the required number of credits to graduate
- Students must meet academic entrance requirements
- Students spend a minimum of 10 hours/week on work-based or career transition education
- Students must be at least one full year behind in credits
- The student will also have an opportunity to re-enroll in a regular classroom environment at any time
- Students must be enrolled in a CTE Course

Alternative Education Program – Diploma Path

- Initial committee meeting for entrance into the program
- May include students with chronic discipline or truancy problems or those students who do not fit into the regular education setting
- The main goal is to get the student back into the regular education setting or meet graduation requirements
- No set time that the student will be enrolled in the program; determination is on an individualized basis

Student services components of both programs include:

- Group and individual counseling
- Guest Speakers
- Drug/alcohol awareness
- Outside agencies – Colonial Services Board

TRANSFER STUDENT CREDIT INFORMATION

FIRST-TIME TRANSFERS TO A VIRGINIA PUBLIC SCHOOL

In compliance with 8VAC 20-131-60 – for a student transferring into a Virginia public school for the first time in grades 9-12, depends on the grade the student is transferring into and when in the school year the student is transferring.

A student is considered to have transferred:

- at the beginning of the school year if 20 or fewer hours of instruction have been completed.
- during the school year if more than 20 hours of instruction has been completed.

Federal law requires each student to be tested in mathematics at least once during high school, therefore some students will be required to complete a mathematics end-of-course test in high school if one was not completed prior to enrolling in a Virginia public high school. Students entering a Virginia high school during the tenth grade or later may benefit by having to earn a reduced number of verified credits, as stated in 8VAC20-131-60.G.

Please go to https://www.doe.virginia.gov/parents-students/for-parents/information-for-transfer-students for detailed transfer student information.

STANDARDS OF LEARNING (SOL) TEST INFORMATION

MIDDLE SCHOOL SOL TESTS

Students enrolled in the following courses will take an SOL test in the following:

Math	English	Social Studies	Science
· Pre-Algebra Honors · Math 6 Honors · Math 6 · Math 7 · Pre-Algebra 8 · Algebra I* · Geometry*	· English Reading (Administered in Grades 6, 7 & 8) · English 8 Integrated Reading Writing	· Civics & Economics (Administered in Grade 8)	· Physical Science (Administered in Grade 8)

Students may earn a "verified credit" for any high school credit-bearing course taken in middle school. A "verified credit" is earned by passing the course and passing the end-of-course SOL test. High school credit courses are denoted in the chart above with an *.

HIGH SCHOOL SOL TESTS AND VERIFIED CREDITS

Students enrolled in the following courses ***may*** take an end-of-the-course SOL test.

Math	English	Social Studies	Science
· Algebra I · Geometry or Geometry Honors · Algebra II or Algebra II / Trig Honors	· English Reading (Administered in Grade 11) · English Writing (Administered in Grade 11)	· World History or AP European History · US & VA History · AP US History	· Earth Science · Biology · Chemistry

A "verified credit" is earned by passing the course and passing the end-of-course SOL test. Please refer to our diploma requirements to determine the total number of standard and verified credits needed to fulfill standard and advanced diploma requirements.

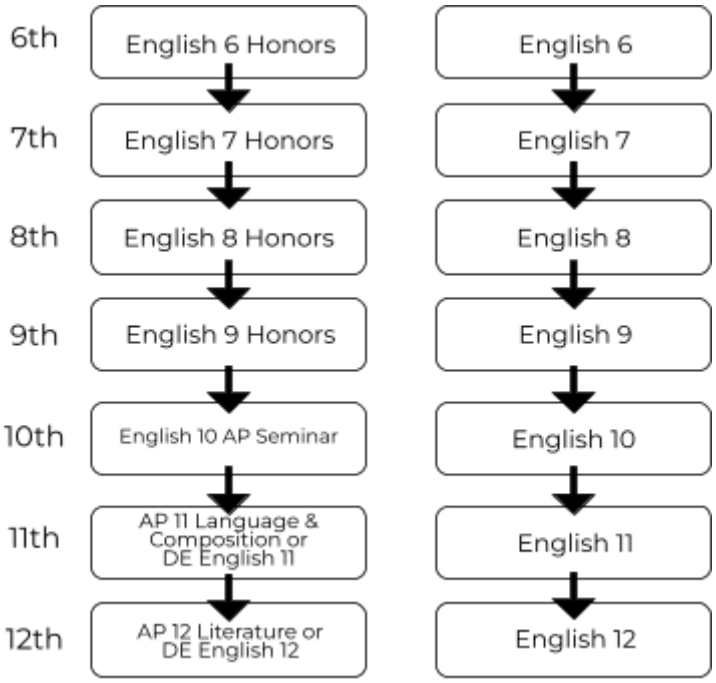
Poquoson requires students to engage in remediation before re-taking any failed SOL end-of-course test. Re-testing is offered multiple times during the school year. Students who need to retest will be contacted by school staff when remediation and tests are scheduled.

SAMPLE COURSE SEQUENCES

ENGLISH SAMPLE COURSE SEQUENCES

Your school counselor will work with you to design the course study that best meets your needs.

The goal of accelerated classes at the middle school level is to help students earn standard and verified high school credits, creating more flexibility in their high school schedules. These courses also provide advanced learners the opportunity to begin high school coursework while still in middle school.



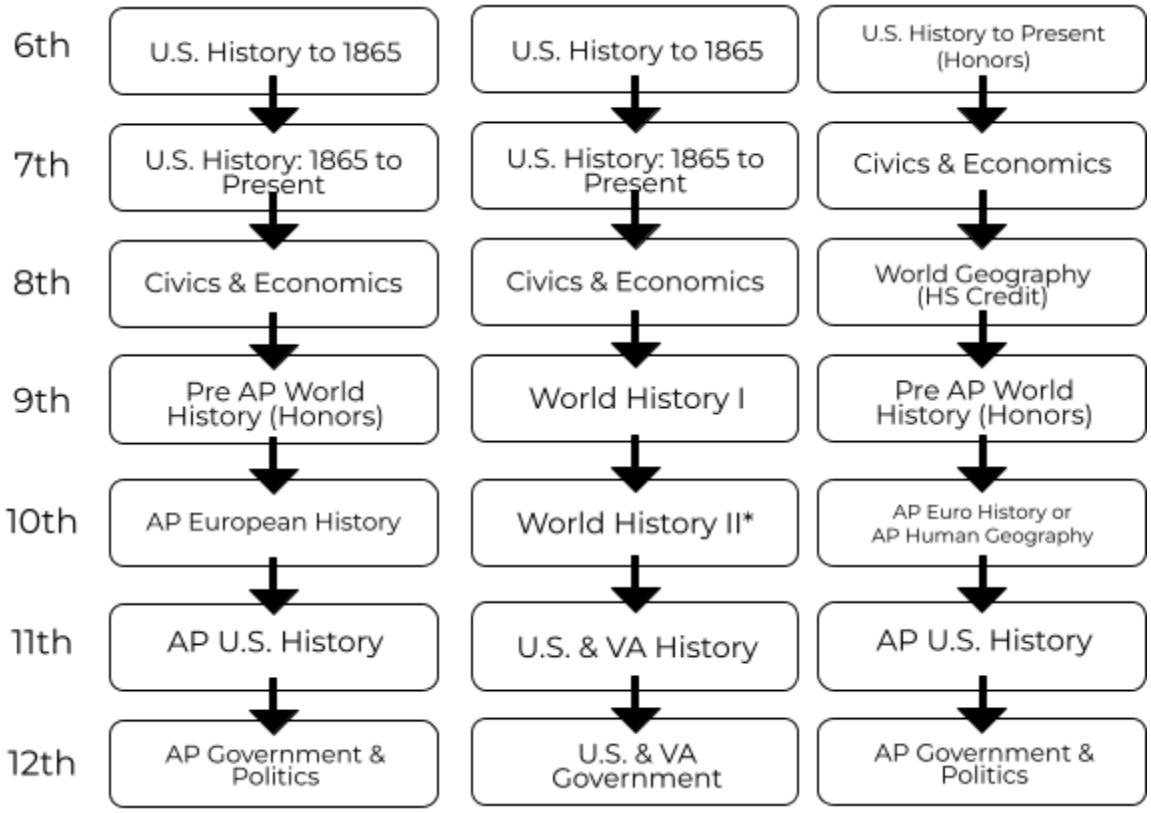
English Elective Options (Grades 9 - 12)	
Journalism I - IV Drama I, II, &III AP Research 11	Reading Workshop Yearbook I, II, & III Creative Writing

Standard Diploma	Advanced Diploma
Students must earn four credits in English and two verified credits by passing the Reading and Writing Standards of Learning Assessments	Students must earn four credits in English and two verified credits by passing the Reading and Writing Standards of Learning Assessments.
A “verified” credit is earned by passing the course and passing the end of course SOL in: English 11 Reading English 11 Writing	

HISTORY / SOCIAL STUDIES SAMPLE COURSE SEQUENCES

Your school counselor will work with you to design the course study that best meets your needs.

The goal of accelerated classes at the middle school level is to help students earn standard and verified high school credits, creating more flexibility in their high school schedules. These courses also provide advanced learners the opportunity to begin high school coursework while still in middle school.



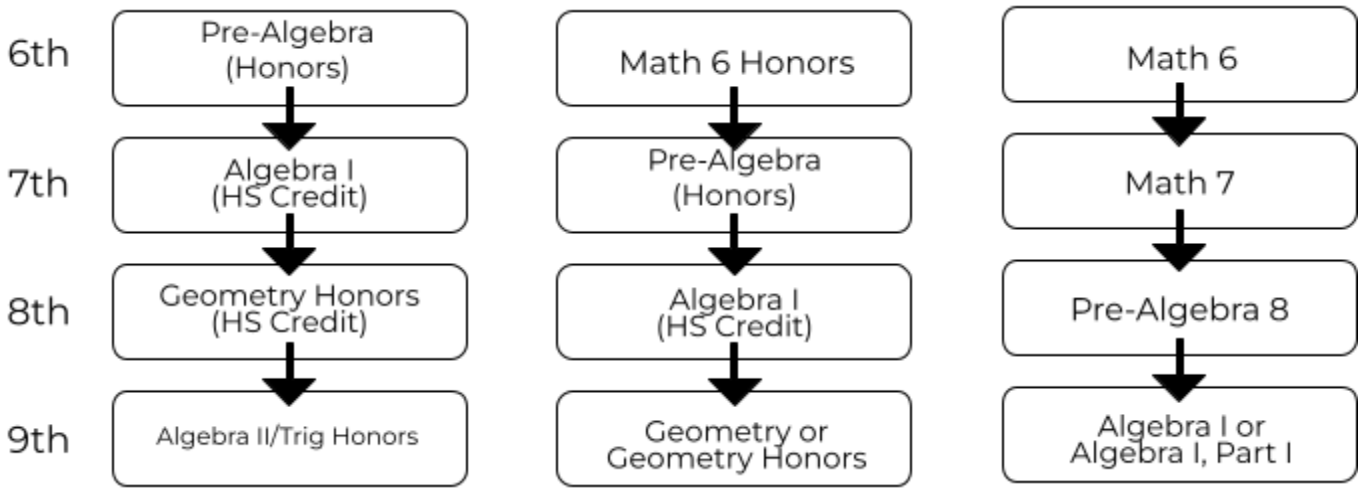
Social Studies Elective Options (Grades 10 - 12)
Psychology African American Studies AP Psychology AP European History AP Human Geography AP World History *(virtual)* AP U.S. History AP Comparative Government & Politics *(virtual)*

Standard Diploma	Advanced Diploma
Students must earn a minimum of three credits, with one verified credit in History. *These courses must include WH I, US/VA History, and US Government. WHII is optional.	Students must earn a minimum of four credits, with one verified credit in History.
A “verified” credit is earned by passing the course and passing the end of course SOL test.	

MIDDLE SCHOOL MATHEMATICS SAMPLE COURSE SEQUENCES

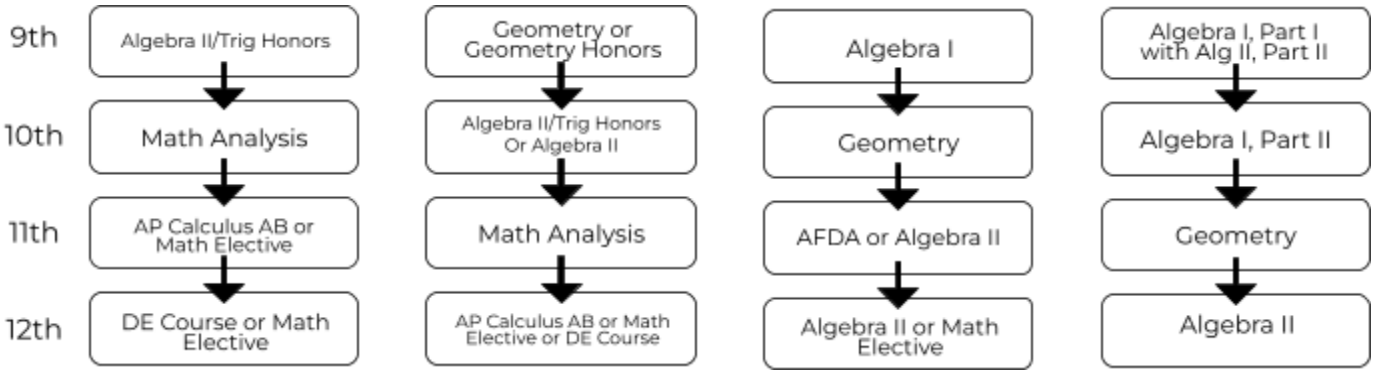
Your school counselor will work with you to design the course study that best meets your needs.

The goal of accelerated classes at the middle school level is to help students earn standard and verified high school credits, creating more flexibility in their high school schedules. These courses also provide advanced learners the opportunity to begin high school coursework while still in middle school.



HIGH SCHOOL MATHEMATICS SAMPLE COURSE SEQUENCES

Your school counselor will work with you to design the course study that best meets your needs.



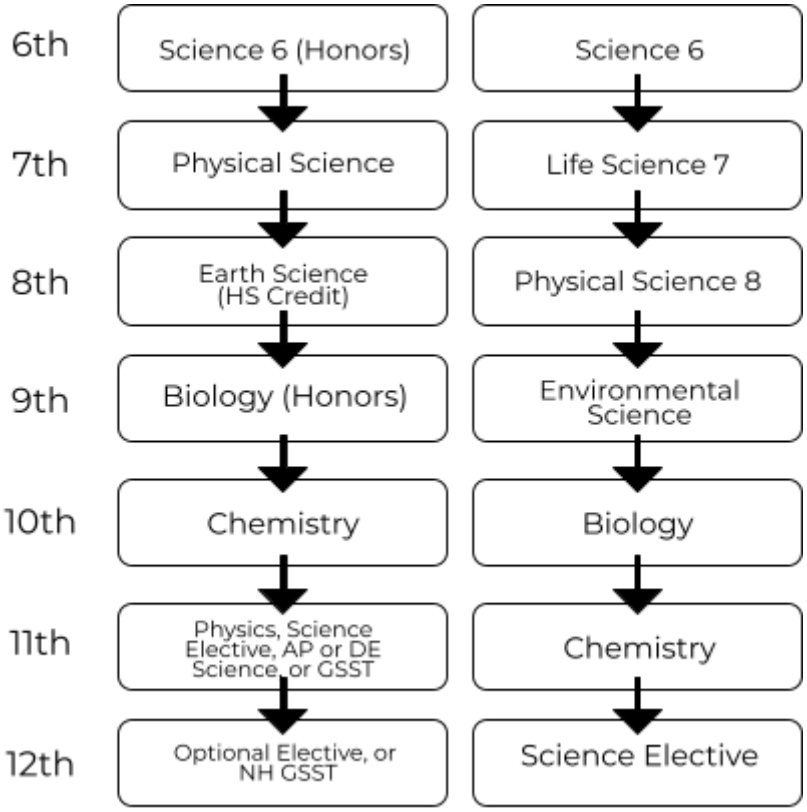
Mathematics Elective Options (Grade 9 - 12)	
Math Lab Algebra Functions & Data Analysis (AFDA) Calculus Probability & Statistics Computer Math AP Statistics	AP Precalculus AP Calculus AB AP Calculus BC AP Computer Science Governor's School of Science & Technology Math Courses

Standard Diploma	Advanced Studies Diploma
Students must earn a minimum of three credits in math, with one verified credit in math.	Students must earn a minimum of four credits in math, with one verified credit in math.
A "verified" credit is earned by passing the course and passing the end of the course SOL test.	

SCIENCE SAMPLE COURSE SEQUENCES

Your school counselor will work with you to design the course study that best meets your needs.

The goal of accelerated classes at the middle school level is to help students earn standard and verified high school credits, creating more flexibility in their high school schedules. These courses also provide advanced learners the opportunity to begin high school coursework while still in middle school.



Science Elective Options (Grades 10 - 12)
Earth Science Earth Science II: Astronomy Earth Science II: Oceanography Environmental Science (Honors) Forensic Science Biology II: Human Anatomy & Physiology Biology II: Topics in Biology (Aquatic and Terrestrial Biology) AP Biology (two credits) AP Chemistry (two credits) AP Physics AP Environmental science New Horizons GSST Courses (two-year sequence) DE Courses with VPSS

Standard Diploma	Advanced Diploma
Students must earn a minimum of three credits in science, with one verified credit in science..	Students must earn a minimum of four credits, with one verified credit in science.
A “verified” credit is earned by passing the course and passing the end of course SOL test.	

DIPLOMA SEALS

Special seals may be adhered to the diploma if one or more of the following conditions are met: (Please note that requirements for some of these seals are under review by the Virginia Department of Education and are subject to change.

Governor's Seal – For students completing the Advanced Studies Program who have maintained a cumulative GPA of 3.0 or better (includes any grade earned for courses taken in the 8th grade for high school credit, and all grades earned in grades 9-12). Students who complete the requirements for an Advanced Studies Diploma with an average grade of "B" or better, and successfully complete college-level coursework that will earn the student at least nine transferable college credits in Advanced Placement (AP), International Baccalaureate (IB), Cambridge, or dual enrollment courses shall receive the Governor's Seal on the diploma.

Board of Education Seal – Awarded to students who complete the requirements for a Standard or Advanced Diploma with an average grade of "A."

Advanced Studies Seal – For students who have completed the Advanced Studies Program requirements.

Governor's School Seal – For students who have completed at least three credits at the New Horizons Governor's School for Science and Technology.

Seals awarded by the Virginia Board of Education

Career and Technical Education Seal – For students who earn a Standard or Advanced Studies diploma and complete a prescribed sequence of courses in a career and technical education concentration or specialization that they choose and maintain a "B" or better average in those courses; or (1) pass an examination in a career and technical education concentration or specialization that confers certification from a recognized industry, trade, or professional association or (2) acquire a Virginia professional license in that career and technical education field.

Science, Technology, Engineering, and Mathematics (STEM) Seal – Awarded to students who earn either a Standard Diploma or an Advanced Studies Diploma and satisfy all Math and Science requirements for the Advanced Studies diploma with a "B" average or better in all course work, and successfully complete a 50 hour or more work-based learning opportunity in a STEM area, and satisfy all requirements for a Career and Technical Education concentration (a concentration is a coherent sequence of two or more state-approved courses as identified in the course listing within the CTE Program Area Guide), and pass one of the following: a Board of Education CTE STEM-H credential examination, or an examination approved by the Board that confers a college-level credit in a STEM field.

Seal for Excellence in Civics Education – To earn a Board of Education Diploma Seal for Excellence in Civics Education, a student must satisfy each of the following four criteria:

1. Satisfy the requirement to earn a Standard Diploma or an Advanced Studies Diploma; AND
2. Complete Virginia and United States History (or AP History) and Virginia and United States Government (or AP Government) courses with a grade of "B" or higher; AND
3. Complete 50 hours of voluntary participation in community service- or civic-focused extracurricular activities. Any student who enlists in the United States military prior to graduation will be deemed to have met this community service requirement; AND
4. Have good attendance and no disciplinary infractions as determined by local school board policies.

Seal of Biliteracy – Awarded to students who earn a Board of Education approved diploma and

1. Pass all required End-of-Course Assessments in English reading and writing at the proficient or higher level.
2. Demonstrate a proficiency at the intermediate-mid level or higher in one or more languages other than English as demonstrated through an assessment from the list approved by the Superintendent of Public Instruction.

Seal for Excellence in Science and the Environment The Seal for Excellence in Science and the Environment is awarded to students who enter the ninth grade for the first time in the 2018-2019 year and thereafter, and meet each of the following criteria: Earn either a Standard or Advanced Studies Diploma Complete at least three different first-level board-approved laboratory science courses and at least one rigorous advanced-level or postsecondary-level laboratory science course, each with a grade of "B" or higher Complete laboratory or field-science research and present that research in a formal, juried setting Complete at least 50 hours of voluntary participation in community service or extracurricular activities that involve the application of science such as environmental monitoring, protection, management, or restoration.

Poquoson Service-Learning Seal – For students who complete 200 hours of documented volunteer service during their four years in high school. Accumulation of hours will begin in July following 8th grade. Documentation will be collected each school year. All documentation for seniors will be due by the third Wednesday in April of the senior year.

Seals may also be provided for students in the following honorary societies:

French Honor Society
German Honor Society
Mu Alpha Theta
National Honor Society
Quill & Scroll Honor Society
Spanish Honor Society
Thespians
TRI-M Music Honor Society

GENERAL SECONDARY SCHOOL INFORMATION

Availability of Courses
The Program of Studies lists all courses approved by the PCPS School Board. The availability of these courses is based on student enrollment and available staff. Parents and students are asked to make their selections carefully as it will impact the development of the master schedule, and the decisions made related to staffing. Please work with the school counselor to make the best academic and career plan for your student. While high school students may apply for Virtual Virginia online courses, the school division reserves the right to offer certain middle school courses online as deemed necessary by the school division and principals to meet unique student needs.

Course Selection and Assignment
School counselors will work with students and their families to develop an Academic and Career Plan that meets the needs and goals of each student. There are several sample course sequences in the preceding pages to assist in planning. Once student course selections are obtained for the next school year, final decisions about appropriate placement in courses will be based on a variety of factors to include careful consideration of a student's current performance, standardized test scores, work and study habits, and mastery of the Standards of Learning objectives. Placement decisions are also based on student enrollment, courses offered, and availability of staff. Questions concerning recommendations and/or placement should be directed to the teacher who made the recommendation.

Unit of Credit
The standard unit of credit for graduation shall be based on satisfactory completion of a designated course based on a minimum of 140 clock hours of instruction.

A verified unit of credit for graduation shall be based on satisfactory completion of a course based on a minimum of 140 clock hours of instruction and the achievement by the student of a passing score on the end-of-the-course Standards of Learning test for that course.

Special Education Services
A complete range of services is available for special education students. Depending on individual needs and the IEP (Individual Education Plan), students may be on a monitored status, included in the mainstream classroom with special education support, or may be given direct instruction in a Resource classroom.

Alternative placements and additional services including speech, occupational therapy, physical therapy, and psychological services are available when indicated. The special needs of students and SOL goals are addressed in the least restrictive environment, at the student's present level of performance, and in accordance with the IEP.

Middle School Credits/Course Omissions
When students below the 9th grade complete courses offered for high school credit, these credits shall be counted toward meeting the units required for graduation. The grades and credits of these students shall be recorded in the student's record and reflected on his/her transcript. Grades for high school credits earned below grade 9 are included in the student's grade point average and class rank. In any high school credit-bearing course taken in middle school, parents may request in writing that grades be omitted from the student's transcript and the student may not earn high school credit for the course. The student must repeat the course before taking any additional courses that may require the omitted course as a prerequisite. This request must be made in writing using the Credit-Bearing Course Omission form available from the Middle School Counseling Office by July 1st of the school year in which the student took the course. Once the request to expunge the grade is made, the course credit, the course grade, and the verified credit (if earned) will be permanently deleted from the student's academic record. Once removed from the record,

the course cannot be used as a prerequisite for other courses. The deletion of the course is final and may not be rescinded. If a signed form letter is not received by July 1st of the school year in which the student took the course, the grade, high school credit, and verified credit (if earned by passing the SOL test) will remain on the student's academic record and will appear on the student's high school transcript. (Standards and Regulations for Public Schools in Virginia, 2018).

Transfer of Credit

Students transferring into a Virginia school division shall be required to earn a minimum of 22 standard credits for graduation. Each student's prior record shall be evaluated to determine the number of credits previously earned and the number of additional credits required for graduation.

Transfer students will be provided the opportunity to take the associated SOL end-of-course tests for courses they have passed and have not yet taken an eligible end of course test from their previous school. Specified courses normally taken at lower grade levels shall not be required, provided the student has completed the courses required at those grade levels by the school division or state from which he or she transferred. Students transferring from states who are not giving credit for health and physical education shall not be required to repeat these courses.

Students transferring after the beginning of their senior or 12th grade year shall be given every opportunity to earn a standard or advanced studies diploma. If it is not possible for the student to meet the requirements for a diploma, PHS will attempt to arrange for the student's previous school to award the diploma. If this arrangement cannot be made, a waiver of the verified credit requirements may be available to the student. The Department of Education may grant such waivers upon request by the local school board.

Grade Point Average

- A computation at the end of the senior year will determine honor graduate status and final GPA.
- In computing the cumulative grade point average (GPA), all courses taken in grades 9-12 and courses taken in middle school for high school credit will be counted and used to calculate the student's GPA, with the exception of courses that are expunged in middle school, courses taken with a pass/fail option, courses assigned for no credit, and courses that are repeated.
- When a course is repeated, all attempts will be shown on the transcript with the corresponding grade; however, only the highest grade will be used in the student's GPA calculation and for the assignment of credit.
- All students in the senior class who are working toward a Standard or Advanced Studies diploma are included.
- Transfer grades will be recorded as whole letter grades based on the previous school's grading scale (i.e., a 92 "B" from another system will be recorded as a "B"). Honors courses weighted by the previous school will be weighted.
- Activity credits earned at other schools for such courses as library aide, office assistant, football, and cheerleading will not be included in the GPA calculation.

Weighted Courses

The following point system is used to calculate GPA:

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

Students who take an Honors level course or a World Language course at level 4 or 5 will earn an additional 0.5 weight added to the GPA calculation for each course.

Students who take an Advanced Placement (AP), Dual Enrollment (DE), Governor's School (math, science or computer science) or transferred International Baccalaureate (IB) (not sub-level) course will earn an additional 1.0 weight added to the GPA calculation for each course. A weighted GPA is calculated by summing the total quality points earned and dividing them by the total credits attempted. Averages are carried four places beyond the decimal.

$$\text{Weighted GPA} = \frac{\text{Total Quality Points}}{\text{Total Credits Attempted}}$$

Academic Honors

Students will be designated as **Honor Graduates** if they maintain a cumulative 3.4 GPA (including all courses taken for high school credit) through the second semester of the senior year.

Students will be designated as **Graduates with High Honors** if they maintain a cumulative 4.0000 GPA through the second semester of senior year.

Students who graduate with a GPA of 4.5000 shall be designated **Graduates with Highest Honors**.

Summer School

Poquoson High School will offer a limited summer school program (if enrollment is justified) for students needing new or repeat credit in the following courses such as: Algebra I, Geometry, Economics and Personal Finance, PE 9/Health, PE 10/Drivers Ed. An SOL remediation program will be offered for students who pass SOL courses but fail the SOL test.

Opportunities for middle school students to participate in summer school may be limited to those students who need it for promotion to the next grade level or for students who are identified as needing summer school for remediation.
However, rising ninth grade students may be eligible to take some high school credit courses in the summer preceding the 9th grade year. Enrollment for summer school high school courses begins in **March** and continues until classes are filled or until classes begin, whichever comes first. Enrollment applications are available in the middle and high school counseling offices on the first day enrollment opens.

Students must receive **written** approval from the principal prior to enrolling in any other school division's accredited summer program.

Virginia High School League (VHSL) Eligibility

All extracurricular activities covered under the rules and regulations for the VHSL require students to pass five new credits in the semester prior to participation in order to be eligible. Ninth graders who have been promoted from middle school are automatically eligible during the first semester of 9th grade. Students must also be currently earning at least five full credits for participation during the semester (not to include repeat credits).

Capstone Experience

The Capstone Experience is a local graduation requirement for all students at Poquoson High School beginning with students who enter the 9th grade for the first time in the 2022-2023 (Class of 2026) school year. It is intended to be an independent, culminating experience for high school students, allowing students to demonstrate their readiness for college and career, and highlights the 5 C's (creativity, critical thinking, collaboration, communication, and citizenship). The Capstone Experience will be embedded into existing courses.

GENERAL MIDDLE SCHOOL INFORMATION

The Middle School Schedule
Students at the middle school have a combination of core and elective courses to complete a seven-period day. All students are scheduled for core courses in English, mathematics, science, and history/social sciences. In addition, all middle school students are required to take year-long PE/Health as one of their three elective courses.

The remaining periods of the day come from student selections of year-long and/or semester elective choices. Semester courses last one half of the school year (18 weeks).

2 semester courses = 1 period

Elective choices at the middle school provide students with an opportunity to explore a variety of interests in world languages, the arts, and technological sciences.

Governor's School for Science and Technology Pre-Admission Series Program
In the late fall, the middle school will recommend 8th grade students to the Governor's School Pre-Admission Series program. The recommendations are based on a student's advanced placement in the mathematics sequence. The Governor's School will personally contact these students to invite them to informational meetings and to apply to the program. Pre-Admission Series applications are available on the web site: **www.nhrec.org.**

Test scores, teacher recommendations, and course grades will be used to determine which students will be invited to participate in the Governor's School Pre-Admission Series for their 9th and 10th grade years. Designated Pre-Admission Series students will take prerequisite courses offered in their high schools and will participate in a variety of specific outside-of-school-day
activities offered at the school that will acquaint and prepare students for the two-year program during the 11th and 12th grade years. Admission to the Pre-Admission Series Program is highly competitive.

Remediation and Reinforcement
Some students may be recommended for additional math or reading while others may be *required* to be remediated. Information for placement in remediation is provided after the end of the year when final grades and SOL results are available.

Recommendations for placements are based on performance on the SOL test in math and/or reading, and teacher recommendation. Students who do not pass a math or reading SOL test are ***required*** to participate in remediation. Instructional staff reviewing students' test scores and academic records will determine the amount of time in remediation.

Homework Expectations for Middle School Students
Poquoson Middle School students should expect homework daily. Approximately 90 minutes a night may be devoted to completion of assignments and studying. Homework is assigned to reinforce new material and prepare students for upcoming assessments. Students are responsible for completing assignments on time. In addition, students should apply their best efforts on assignments and seek teacher assistance if uncertain on specific assignments.

Parents can assist students in learning and practicing good study habits at home. Parents can help by doing one or all of the following:

- Provide a good environment, free of interruptions, and by establishing a designated study time
- Show interest, give support, suggest techniques, but encourage your child to complete assignments independently

- Demonstrate behavior that stresses the importance of education and the expectation that your child is a student who is capable of learning
- Check the school's website as needed

By recording homework assignments in a student agenda and checking the school's website, students develop not only good organizational skills but also attentiveness to their homework responsibilities. When students begin the year with good structure and organization for completing homework, they typically have less trouble adjusting to the work requirements.

Middle School Promotion/Retention Policy

In making a determination for placement, such factors as reading and math achievement along with ability and social maturation, and other requisites necessary to predict success in placement will be considered.

It is the belief of the middle school staff that failure in any of the core academic classes, (i.e., science, history/social science, mathematics, and English) significantly impacts a student's ability to be successful in the next level of the same subject curriculum. Teachers will recommend retention of students to the principal and inform parents of the possibility of retention in early spring. Principals will inform parents of students who will be retained for the following school year.
The State Board of Education charges school principals with the ultimate responsibility of assigning pupils to classes, programs, and activities that are designed to promote maximum learning. In accordance with this provision, the school Principal is the final authority in all matters of promotion and retention.

Promotion to the next grade will require students to successfully complete English, math, science and history/social science. In addition, students must attain passing final grades in two elective/PE courses.

Frequently Asked Questions about the World Language Program at PMS

Q: Are Spanish and French courses taught at the middle school considered high school credit courses?

A: If your child elects to take Spanish I, or Spanish II, or French I or French II, it will carry a high school credit. A year-long course of Spanish I, Part 1 would be followed by Spanish I, Part 2 the following year. The two courses together will carry one high school credit. Spanish I, Part 1 and Spanish I, Part 2 over the course of two years is an option that offers Spanish instruction for credit.

Q: May my child continue to study or begin the study of Spanish or French in Grades 7 and 8?

A: Yes, Spanish I is offered to students in grades 7 and 8, and Spanish II is offered in grade 8. Students in grade 6 may take Spanish 1 Part 1. In addition, students in Spanish I, Part 1 may continue with Part 2 in grades 7 or 8. A student cannot begin Part I in 8th grade as Part 2 is not offered at the high school. French I is offered in grades 7 or 8 and French II is offered in grade 8.

Q**: What about students transferring into Poquoson City Schools?**

A: They will have the same options. If they decide to begin the study of Spanish or French in middle school, we will talk with the student and parent to determine the best placement for the student.

PMS COURSE DESCRIPTIONS

ELECTIVES

Elective Course Options by Grade Level (Course Descriptions Listed Alphabetically Following This Chart)		
Grade 6	**Grade 7**	**Grade 8**
• Chorus 6 • Band – Beginning • Elective Wheel Rotation • Reading Enrichment • Intro to World Cultures • Spanish I, Part I • Academic Workshop	• Chorus 7 • Band Intermediate • Art 7 • Digital Applications • Drama • Financial Literacy • Geography • Forensic Science • Intro to Photography • Inventions & innovations • Creative Writing • Newspaper • Academic Workshop • Intro to World Cultures • Spanish I, Part I • Spanish I, Part II • Spanish I • French I	• Chorus 8 • Band – Concert 8 • Art 8 • Digital Applications • Drama • Forensic Science • Geography • Intro to Computer Coding & Programming • Intro to Photography • Tech Systems • Newspaper • Spanish I, Part II • Spanish I • Spanish II • French I • French II

ACADEMIC WORKSHOP (1179)
Grade Level: 6, 7, 8 **1 Semester**
Students in this course will be provided with the opportunity to improve their academic success by further developing their skills in reading, writing, mathematics, and other middle school course work. Students will be supported by teachers who will help them enhance their decision making, organization and time-on-task skills, develop a growth mind-set, and expand their study skills. This course may be repeated if necessary.

ART 7 (9105)
Grade Level: 7 **1 Semester**
This course integrates the four art disciplines: art history, criticism, aesthetics, and production. Students develop criticism and aesthetic skills when looking at artwork from various historical time periods and cultures. Focus is on comprehending and applying the Elements of Art and Principles of Design into projects. Students are taught techniques to use with fine art (drawing, printing, and painting), craft (sculpture and ceramics) and graphic design (digital drawing/painting and animation).

ART 8 (9115)
Grade Level: 8 **1 Year**
This course is designed as an extension of ART 7; however, students are not required to take ART 7 prior to ART 8. Students will continue to build skills in fine art, craft and graphic design productions while studying art history. Greater art appreciation will be attained as students continue to critique artwork. Students will be expected to work more independently on problem-based projects.

BAND - BEGINNING (9230)
Grade Level: 6 **1 Year**
This course begins with the selection of an appropriate instrument for each student. Students learn proper instrument assembly, playing position, tone production, and basic music notation and theory. In addition, students begin to learn to play at the beginning level and perform several times during the school year.

BAND - INTERMEDIATE (9233)
Grade Level: 7 **1 Year**
This course is for any student who successfully completes one year of Beginning Band. Students continue to learn proper care of the instrument and demonstrate basic positions and fingerings and tone production skills. Students read and perform the beginning levels of music. Several performances are given during the school year.

BAND - CONCERT (9234)
Grade Level: 8 **1 Year**
This course is for any student who has successfully completed two full years of band instruction. Students use more articulations, rudiments, and perform scales and music in more difficult key signatures. Students have several opportunities for small ensemble performances in addition to the performances of the entire band throughout the year. Attention is given to preparing students to make the transition to the high school band.

CHORUS 6 (9200)
Grade Level: 6 **1 Year**
Any sixth-grade student may elect to be in the sixth grade chorus (beginning level). Students obtain musical knowledge and skills in the choral setting. Students begin to develop choral skills, including singing in unison and two-part harmony, with emphasis on vocal production and technique. Students learn to read, write, and compose music, using basic music theory. They explore and perform music in a variety of styles. In addition, students develop an understanding of acceptable performance and audience etiquette. Students perform three concerts, to include a musical theatre unit.

CHORUS 7 (9270)
Grade Level: 7 **1 Year**
Any seventh-grade student may elect to be in the seventh grade chorus (intermediate level). Students build upon the skills and knowledge acquired at the beginning level (harmony, music theory, performance/audience etiquette). Students continue the development of vocal production techniques and ensemble participation. Opportunities are provided for students to explore choral music as a means of expression and communication. Through the collaborative environment of the choral setting, students develop an understanding of teamwork and leadership skills. Students perform three concerts, to include a musical theatre unit. Students are also provided with opportunities to participate in local, district, regional, and state events.

CHORUS 8 (9271)
Grade Level: 8 **1 Year**
Any eighth-grade student may elect to be in the eighth grade chorus (advanced level). Students build upon the skills and knowledge acquired at the beginning or intermediate levels (harmony, music theory, performance/audience etiquette, vocal production/ technique, teamwork/leadership). As students perform choral works and sight-read materials, they expand their performance abilities and creativity. Through the collaborative environment of the choral setting, students demonstrate teamwork and display leadership

skills. They develop an understanding of and appreciation for vocal/choral music and its relationship to other disciplines. Students perform three concerts, to include a musical theatre unit. Students are provided with opportunities to participate in local, district, regional, and state events.

INTRO TO COMPUTER CODING & PROGRAMMING (6640)
Grade: 8 **1 Year**
Students in this course will explore programming concepts and coding at an introductory level. This course offers students the opportunity to expand their technology skills through analysis and development of various applications, games, and robotics, as well as enhance problem solving and critical thinking skills. Students will engage with a visual coding language such as Scratch and develop their own interactive stories, games and animations.

CREATIVE WRITING (9730)
Grade: 7 **1 Semester**
This course will serve as an introductory exploration into creative writing based on a variety of genres such as different forms of fiction, poetry, drama and personal reflections. Each student will maintain his or her own writing portfolio and at the conclusion of the semester, selections from each student will be compiled to create a literary magazine.

COMPUTER SOLUTIONS (6611) **HS Credit: 1**
Grade Level: 8 **1 Year**
Year-long high school credit course
This course is designed for secondary school students to develop real-life, outcome-driven approaches for digital citizenship, basic computer operations, keyboarding, application software (word processing, spreadsheets, multimedia applications, databases), and career exploration. This course promotes skills that can be applied across the curriculum and offers preparation relevant to 21st century skills and postsecondary education.

DRAMA (1390)
Grade Level: 8 **1 Year**
This course introduces drama and requires no prior acting experience. Students experience acting, improvisation, drama games, scenery, costuming, lighting, and more. The class performs one production each semester.

ELL RESOURCE (1180)
Grade Level: 6, 7, 8 **1 Year**
This English proficiency development course is designed to assist students acquiring skills necessary to read, write, and pass proficiency examinations.

ELECTIVE ROTATION WHEEL
Grade Level: 6 **1 Year**
These electives consist of four 9-week rotations of the courses listed below.

Art 6 (9103) This course gives students an introduction to art processes such as drawing, painting, printmaking, and sculpture.

Exploring Performing Arts (2315) This course introduces students to drama, music, and dance. Students create screenplays, learn dance steps, work on costume and set design, sing, read music, develop acting skills, and much more.

Technology Education 6 (8481) This course introduces students to the concepts of the design process and technology while exploring the fields of VFX, astronomical technology, 3D design, flight, engines, and robotics through creative problem-based prompts, group discussions, and projects like designing and printing personal emblems, creating and programming robots to complete a task, and crafting vehicles.

Foundations of Communication (6150) This course provides basic keyboarding and desktop publishing instruction with additional emphasis on 21st Century communication including internet safety, cyber-bullying, public speaking, print media and social media.

FINANCIAL LITERACY 101 (9828)
Grade Level: 7 **1 Semester**
Students learn about the role of consumers, investing strategies, banking services, and consumer credit. Students develop and manage budgets, as well as participate in the Stock Market Game. Activities including the development of a resume, mock interviews and workplace role-playing develop each student's readiness for the global community.

FORENSIC SCIENCE (9826)
Grade Level: 7, 8 **1 Year**
Students learn the basic components of Forensic Science including anthropology, toxicology, and basic crime scene investigation techniques. Several laboratory experiences are conducted including fingerprinting, spatter analysis, physical evidence collection and documentation. Forensic careers are also explored. As a crime scene investigator, students will observe and assess the crime scene, collect and examine evidence, conduct evidence specific analysis, and use deductive reasoning to propose solutions to the crime. Evidence collection and analysis will include: Hair and fiber analysis, ink chromatography, cast impressions, anatomy (bones), fingerprints, blood, teeth, blood spatter patterns, and glass fracture patterns.

GEOGRAPHY: The Land, Economy & People of the World (2359)
Grade Level: 7, 8 **1 Semester**
This course explores the Western and Eastern Hemispheres through interactive discussions and projects. Students utilize maps and other geographic representations, tools and technologies to acquire, process, and report information pertaining to the relationships between people, places and environments.

INTRODUCTION TO PHOTOGRAPHY (9190)
Grade Level: 7, 8 **1 Semester**
This course offers students the opportunity to mix both visual art and technology. Students will explore various aspects of manual and digital photography as well as the history of photography. Students will acquire and demonstrate knowledge of photography basics to include f-stops, apertures, focal length, pixels, image resolution, brightness, contrast, composition, center of interest and other introductory topics.

INVENTIONS AND INNOVATIONS (8464)
Grade Level: 7 **1 Semester**
This course introduces students to the relationship between an idea and a product, the impact of innovations, and the engineering process. Students will explore significant inventions through time, discuss modern problems and the inventions that solve the problems, and build problem-solving skills through collaborative and individual projects.

NEWSPAPER (1220)
Grade Level: 7, 8 **1 Semester**
Students in grades 7 and 8 are introduced to the methods and procedures necessary to successfully publish a newspaper. Students write features, editorials, and sports stories in addition to completing various photojournalism activities. The class is responsible for publishing the school newspaper.

READING ENRICHMENT (1006)
Grade Level: 6 **1 Year**
This course focuses 6th grade students on reading and analyzing a variety of literature, both fiction and non-fiction, including novels, poetry, and historical fiction. Students may read books about Greek myths, Shakespeare, pyramids, biographies, or mysteries.

TECHNOLOGICAL SYSTEMS (8463)
Grade Level: 8 **1 Year**
This course introduces students to concepts of how time, energy, people, tools, materials, capital, and information play a role in open and closed technological systems while exploring the fields of flight, meteorology, energy, and computers through projects and presentations.

ENGLISH

ENGLISH 6 (1109)
Grade Level: 6
This course continues the study of reading, writing, speaking, and listening. Literature study involves the elements of plot, characters, theme, forms of fiction and nonfiction, biography, poetry, vocabulary development, and literary devices. Students practice the writing process through a variety of planning strategies to establish central idea, organization, and elaboration of ideas. Correct grammar, capitalization, punctuation, spelling, and sentence structure are studied.

ENGLISH 6 HONORS (1109H)
Grade Level: 6
Students enrolled in the honors course are exposed to a more rigorous approach to writing and literature while covering all of the objectives of the English 6 course. Emphasis is placed on literature, composition, vocabulary development, listening, speaking, and critical thinking skills. This course's curriculum is designed to challenge and develop advanced students' critical thinking and literary analysis skills. *Placement into this course is based on factors that may include one or more of the following: Previous English performance, previous English SOL performance, and teacher recommendation.*

ENGLISH 7 (1110)
Grade Level: 7
This course is designed to provide the students with a firm foundation in the basics of literacy elements including reading comprehension, vocabulary development, oral, and written language. Students study the various genres to include informational texts, fiction, and poetry. Narrative, expository, and persuasive writing is incorporated. Students practice speaking and listening skills for assessment. Students complete a research unit with the creation of a formal product.

ENGLISH 7 HONORS (1110H)
Grade Level: 7
This course is designed to provide students with a more rigorous approach to literature while covering all of the objectives of the English 7 course. The emphasis is on the application and synthesis of basic skills in reading comprehension, vocabulary development, oral, and written language. Students incorporate expository, narrative, and persuasive writing with the study of literary genre. The elements of informational texts, fiction, and poetry are emphasized with the addition of narrative, expository, and persuasive writing. Students complete a research unit with the creation of a formal report and extended product. This course's curriculum is designed to challenge and develop advanced students' critical thinking and literary analysis skills. *Placement into this course is based on factors that may include one or more of the following: Previous English performance, previous English SOL performance, and teacher recommendation.*

ENGLISH 8 (1120)
Grade Level: 8
This course focuses on developing reading, comprehension, vocabulary acquisition, and writing skills. The student concentrates on using effective research-based strategies for developing understanding of various genres in literature including short stories, poetry, drama, novels, and non-fiction. Various types of expository, narrative, and persuasive writing are practiced in conjunction with the literature.

ENGLISH 8 HONORS (1120H)
Grade Level: 8
This course is designed to provide students with a more rigorous approach to literature while covering all of the objectives of the English 8 course. In the advanced program, the reading and discussion are more analytical, and the writing and vocabulary instruction are applied to various types of expository, narrative, and persuasive writing. This course's curriculum is designed to challenge and develop advanced students' critical thinking and literary analysis skills. *Placement into this course is based on factors that may include*

one or more of the following: Previous English performance, previous English SOL performance, and teacher recommendation.

READING WORKSHOP (0054-6; 0056-7; 0058-8)
Grade Level: 6, 7, 8
This course is provided to those students in Grades 6, 7, and 8 who either did not pass the previous year's English/Reading/Research SOL or who need review and reinforcement in the areas of reading and English skills. Using small group instruction and individualized reading lab activities, the instructor reviews the English standards of learning using reading materials that match the student's current level of reading. As the year progresses and as the student's skills improve, grade level materials are introduced.

HEALTH & PHYSICAL EDUCATION

HEALTH AND PHYSICAL EDUCATION
Grade Level: 6 (7110)
Grade Level: 7 (7120)
Grade Level: 8 (7200)
The Health and Physical Education program is geared to the development of the student in three capacities: Mental, social, and physical. Students are provided instruction in fitness activities, sport skills such as softball, football, volleyball, basketball, and soccer, and they learn to participate in cooperative games. In addition, students participate in the Fitnessgram, which emphasizes the overall health and wellness of the student, rather than the physical prowess of a student. In addition to health skills and strategies to improve or maintain personal and family health, the health curriculum includes Family Life Education and Drug Education curriculum. Both units cover important issues facing modern teens and provide reinforcement to enable students to make good life-affirming decisions.

HISTORY / SOCIAL SCIENCE

US HISTORY TO 1865 (2353)
Grade Level: 6
This required course for 6th grade students explores the early history of the United States and covers the ideas and events that strengthened the union. Students learn about the history of the United States from pre-Columbian times until 1865. Maps, globes, photographs, pictures, and primary and secondary documents are essential resources for this course.

US HISTORY TO PRESENT HONORS (2345H)
Grade Level: 6
This accelerated course provides an in-depth exploration of United States history from pre-Columbian times to the present. Students examine key events, ideas, and individuals that shaped the nation's development, including the early years of the United States, the Civil War, Reconstruction, and modern history. Integrated topics in civics, economics, and geography help students understand the evolving political, social, and economic challenges that influenced the American experience and its impact on the world. Students

engage with maps, globes, photographs, and primary and secondary sources to develop critical thinking and historical analysis skills. *Placement into this course is based on factors that may include one or more of the following: Previous social studies performance, previous social studies SOL performance, and teacher recommendation.*

US HISTORY: 1865 TO THE PRESENT (2354D)
Grade Level: 7
Through this course, all 7th grade students examine United States history from the Reconstruction era to the present. Students are exposed to important concepts in civics, economics, and geography. In addition, the political, economic, and social challenges facing the nation after the Civil War are examined as students develop an understanding of how the American experience shaped the world's political and economic landscapes.

CIVICS AND ECONOMICS (2357)
Grade Level: 7, 8
Prerequisite: US History to 1865 and US History 1865-Present
This course, required of all middle school students, focuses on gaining essential knowledge of the U.S. and Virginia constitutions and the structure and functions of government institutions at national, state, and local levels. Students also learn the basic principles, structure, and operation of the American economy. In addition, students identify personal character traits, such as patriotism, respect for the law, willingness to perform public service, and a sense of civic duty, that facilitate thoughtful and effective active participation in the civic life of an increasingly diverse democratic society.

MATHEMATICS

MATH 6 (3110)
Grade Level: 6
This course is designed to strengthen students' skills in problem solving and mathematical concepts and builds a foundation for Algebra I. The course addresses the 6th grade math Standards of Learning in the areas of number sense, computation, estimation, measurement, geometry, probability, statistics, patterns, functions, and algebra. Students in this course will take the sixth grade SOL test.

MATH 6 HONORS (2037)
Grade Level: 6
As a preparatory class for Pre-Algebra Honors, this course will move at an accelerated pace to cover the math Standards of Learning for grades six and seven including number sense, computation, estimation, measurement, geometry, probability, statistics, patterns, functions, and algebra. The course is designed to strengthen students' skills in problem solving and mathematical concepts, building on a foundation for Algebra I. Students enrolled in this course will take the Math 7 SOL test. *Placement in this course is based on factors that may include one or more of the following: previous grades in math, previous mathematics SOL performance, and teacher recommendation.*

PRE-ALGEBRA HONORS (3114H)
Grade Level: 6, 7
This course is designed to strengthen students' skills in problem solving, mathematical concepts, and to provide a foundation for the student to move directly into Algebra I. The course addresses all Mathematics Standards of Learning covered in sixth through eighth grade in the areas of number sense, computation, estimation, measurement, geometry, probability, statistics, patterns, functions, and algebra. *Placement into this course is based on factors that may include one or more of the following: previous mathematics performance, previous mathematics SOL performance, and teacher recommendation.*

MATH 7 (3111)
Grade Level: 7
Prerequisite: Math 6
This course is designed to strengthen students' skills in problem solving and mathematical concepts and build a foundation for Algebra I. The course addresses the 7th grade math Standards of Learning in the areas of number sense, computation, estimation, measurement, geometry, probability, statistics, patterns, functions, and algebra. Students in this course will take the seventh grade SOL test.

PRE-ALGEBRA 8 (3112)
Grade Level: 8
Prerequisite: Math 7
This course is designed to provide a preliminary study of the concepts of algebra and to strengthen students' skills in problem solving and mathematical concepts in preparation for Algebra I in high school. The course addresses the eighth-grade math Standards of Learning for middle school in the areas of number sense, computation, estimation, measurement, geometry, probability, statistics, patterns, functions, and algebra. Students in this course take the eighth grade SOL test.

ALGEBRA I (3130) **HS Credit: 1**
Grade Level: 7, 8
Prerequisite: Pre-Algebra 6 or Pre-Algebra 7
Year-long high school credit course
Students must complete Pre-Algebra Honors before taking this high school credit course. This class covers the study of the algebraic concepts needed to solve algebraic equations. Students will use algebra as a tool for representing and solving a variety of practical problems. Tables and graphs are used to interpret algebraic expressions, equations, and inequities and to analyze functions. Students will make connections and build relationships among algebra and arithmetic, geometry, probability, and statistics. All students taking this course will take the end-of-course Algebra I SOL Test. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, previous mathematics SOL performance, and teacher recommendation.*

GEOMETRY HONORS (3143H) **HS Credit: 1**
Grade Level: 8
Prerequisite: Algebra I
Year-long high school credit course
Students must complete Algebra I before taking this high school credit course. This course covers plane, solid, and analytical geometries using Euclid's postulates. Logical reasoning with emphasis on deductive proofs, algebra applications and constructions are included. This is a fast-paced course covering the topics in Geometry at a more in-depth level. All students taking this course will take the end-of-course Geometry SOL Test. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, previous mathematics SOL performance, and teacher recommendation.*

MATH WORKSHOP (0064-6; 0066-7; 0068-8)
Grade Level: 6, 7, 8
This is a math remediation course provided in Grades 6, 7, and 8 to those students who did not master the previous year's math standards of learning. Students receive small group instruction and computerized lab activities to strengthen skills in mathematical concepts. The course supplements the instruction provided in the core math class. Students are identified for the course based on performance on the SOL math test and other standardized tests.

SCIENCE

SCIENCE 6 (4105)
Grade Level: 6
This introductory course is designed to provide a thematic approach to areas of scientific studies. Specific topics include the Scientific Method, types of energy, matter, basic chemistry concepts, the role of the sun's energy on Earth systems, and natural resource management and its implications both globally and locally.

SCIENCE 6 HONORS (4115H)
Grade Level: 6
This accelerated honors course combines key concepts from Science 6 and Life Science 7, offering students an opportunity to delve deeply into scientific principles through critical thinking, problem-solving, and creative solutions. Students will explore the scientific method by completing both collaborative and individual science fair projects. The course is designed for students with a strong interest in science and requires teacher recommendation, as well as consideration of previous science performance and standardized assessment results. This rigorous program fosters analytical skills and prepares students for advanced scientific study. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, previous science SOL performance, and teacher recommendation.*

LIFE SCIENCE 7 (4115)
Grade Level: 7
This introductory biology course helps students develop an understanding of change, cycles, patterns, and relationships in the living world. Students build on principles related to these concepts by exploring cellular organization and the classification of organisms; the dynamic relationships among organisms, populations, communities and ecosystems; and change as a result of the transmission of genetic information from generation to generation.

PHYSICAL SCIENCE 8 (4125)
Grade Level: 8
Eighth grade science is the study of physical science. Students are introduced to physics and chemistry, with many hands-on experiences. Major topics include matter, energy, motion, and chemical change.

PHYSICAL SCIENCE 8 HONORS (4125H)
Grade Level: 7, 8
Prerequisite: Science 6 and Life Science 7
Students must successfully complete course work in Science 6 and Life Science 7 to enroll in this course. Students are introduced to physics and chemistry, with many hands-on experiences. Major topics include matter, energy, motion, and chemical change. Students in the honors level course have additional experiences and complete more independent work, using higher order and critical thinking skills. Placement into this course is based on factors that may include one or more of the following: Previous science performance, previous science SOL performance, and teacher recommendation.

SPECIAL EDUCATION SERVICES

A complete range of services is available for students with special needs. Depending on the identified needs, a student may be placed on a monitored status, included in the collaborative classroom with a special education teacher or a paraeducator, or given direct instruction in the Resource classroom or in other small group courses. The special needs of students and SOL goals are addressed in the least restrictive environment, at the student's present level of performance, and in accordance with the Individual Education Plan (IEP).

LIFE SKILLS (7896)
Grade Level: 6, 7, 8
This is a course designed for identified students to work on basic life skills. Students are exposed to topics including safety, cooking, personal care, money use, and leisure activities. Placement is determined by the IEP.

RESOURCE (7865)
Grade Level: 6, 7, 8
Placement in this course is determined by the IEP. Students are provided opportunities to address identified learning needs to assist with academic success. In addition, students may receive social and emotional support in a small group setting. Only those students who have been through an evaluation and eligibility may be placed in this class.

ADAPTIVE ENGLISH (1100)
ADAPTIVE MATH (3100)
ADAPTIVE HISTORY/SOCIAL STUDIES (2350)
ADAPTIVE SCIENCE (4100)
Grade Level: 6, 7, 8
Placements in these core courses in English, math, science, and history/social sciences are provided as a small group class in a self-contained environment for those students who qualify per their IEP.

WORLD LANGUAGES

INTRODUCTION TO WORLD CULTURES (5999)
Grade Level: 6, 7
Students develop an awareness of and appreciation for other people's cultures, the patterns of behavior that order their world, and the ideas and perspectives that guide their behaviors. Students explore the contributions of world cultures and how they shape international perspectives as they learn introductory French and German and build upon the Spanish learned in previous years.

FRENCH I (5110) **HS Credit: 1**
Grade Level: 7, 8
Year-long high school credit course
This is a high school credit course that uses the same material as the first-year class at the high school. Emphasis is placed on listening and speaking skills in the French language. Reading and writing are introduced. Students learn conversational dialogue based on everyday situations. These basic speech patterns are further reinforced with grammar drills.

FRENCH II (5120) **HS Credit: 1**
Grade Level: 8
Prerequisite: French I
Year-long high school credit course
This is a high school credit course that follows the successful completion of French I. Greater emphasis is placed on the reading and writing of the language. Cultural material is presented, and there is more freedom of expression, both oral and written. *Placement into this course is based on factors that may include one or more of the following: Previous French performance and teacher recommendation.*

SPANISH I, PART I (5513)
Grade Level: 6, 7
This is a year-long course that covers the first semester of the Spanish I curriculum. The Spanish I, Part I option provides students the opportunity to begin the study of a world language and earn a high school credit but at an instructional pace slower than that of the Spanish I course. Students must complete Spanish I, Part I and Spanish I, Part II to receive one high school world language credit.

SPANISH I, PART II (5515) **HS Credit: 1**
Grade Level: 7, 8 **1 Year**
Prerequisite: Spanish I, Part I
This is a year-long high school credit course that covers the second semester of the Spanish I curriculum. Students must complete Spanish I, Part I and Spanish I, Part II to receive one high school world language credit. *Placement into this course is based on factors that may include one or more of the following: Previous Spanish performance and teacher recommendation.*

SPANISH I (5510) **HS Credit: 1**
Grade Level: 7, 8
This is a year-long high school credit course that uses the same material as the first-year classes at the high school. Emphasis is placed on listening and speaking skills in the Spanish language. Reading and writing are introduced. Students learn conversational dialogue based on everyday situations. These basic speech patterns are further reinforced with grammar drills.

SPANISH II (5520) **HS Credit: 1**
Grade Level: 8
Prerequisite: Spanish I
This is a year-long high school credit course that follows the successful completion of Spanish I. Greater emphasis is placed on the reading and writing of the language. Cultural material is presented, and there is more freedom of expression, both oral and written.

Placement into this course is based on factors that may include one or more of the following: Previous Spanish performance and teacher recommendation.

GENERAL HIGH SCHOOL INFORMATION

Promotion Requirements

Directly related to graduation requirements are the promotion requirements for each grade level. In the Poquoson school system, the following minimum credit requirements must be met to be classified at each grade level:

- 9th Grade Freshman: 8th Grade Promotion
- 10th Grade Sophomore: 5 Credits (including Eng 9)
- 11th Grade Junior: 10 Credits (including English 10)
- 12th Grade Senior: 15 Credits (including English 11)
- High School Graduation: 22 or 26 Credits (to include students entering 9th grade in 2010-2011 and beyond)

Post-Secondary Education Prior to Graduation

Beginning in the middle school years, students shall be
counseled as to opportunities for beginning postsecondary education prior to high school graduation. The school division partners with VDOE, colleges and universities to provide rigorous academic courses for all students which enable them to earn high school and college credits simultaneously. Dual enrollment credit for college courses beyond those described in this Program of Studies will only be considered if they are necessary to meet diploma requirements. The following guidelines apply:

- Prior written approval from the high school principal for the cross registration must be obtained.
- The college must accept the student for admission to the course(s).
- The course(s) must be given by the college for degree credit (hence, no remedial courses will be accepted).
- High school credit shall be awarded to the participating student upon successful completion of the course(s) based on the college credit hour with one high school unit equivalent to three or four semester hours of college credit.
- Dual credit is offered for Governor's School and many career and technical programs at New Horizons Regional Education Center. Students receive high school credit as well as college credit. Students taking the courses at New Horizons do not pay a fee.
- Dual enrollment is a dual credit program that provides students the opportunity to earn college credit while earning high school credit. To receive college credit, students must have a GPA of 3.0 or higher or earn a qualifying score on a placement test, apply to the participating college prior to beginning the course, and successfully pass the course.
- Through our College Now program, additional courses may be offered that are not listed within our Program of Studies. If enrolled, classes can be individually selected and can change annually depending on the VPCC Course Catalog.

Early College Scholars Program

The Early College Scholars Program allows eligible high school students to earn at least 15 hours of transferable college credit while completing the requirements for an Advanced Studies Diploma. The result is a more productive senior year and a substantial reduction in college tuition. Students earning a college degree in seven semesters instead of eight can save an average of $5,000 in expenses.

To qualify for the Early College Scholars program, a student must:

- Have a "B" average or better;
- Be pursuing an Advanced Studies Diploma; and
- Take and complete college-level course work (i.e., Advanced Placement, International Baccalaureate, Cambridge, or dual enrollment) that will earn at least 15 transferable college credits.

Early College Scholars are supported by Virtual Virginia and the Commonwealth College Course Collaborative. Virtual Virginia provides statewide access to college-level courses while the Commonwealth College Course Collaborative defines the subjects high school students can complete and receive college degree credit from participating public and private colleges and universities.

For more information on this program, go to:
https://www.doe.virginia.gov/parents-students/for-students/graduation/policy-initiatives/early-college-scholars-program

Virtual Virginia

Virtual Virginia provides a variety of college-level and world language courses using distance–learning technologies. Individual attention is emphasized in all courses and instruction is personalized as much as possible. Online teachers are available to students via telephone, e-mail, and fax for consultations and one-on-one instruction. Students enrolled in any of the AP courses must apply to the Governor's Early College Scholars Program. All Virtual Virginia courses require a separate application. This application includes a student self-evaluation, a teacher recommendation, and a parent signature. Enrollment in a Virtual Virginia Course is not guaranteed. Some preliminary summer study may be required. Students administratively withdrawn from Virtual Virginia courses due to not logging in regularly, inactivity, or failure to complete coursework over a consecutive 8-day period may receive a grade of "F" on their transcript. For more information, go to:
https://www.doe.virginia.gov/parents-students/for-students/graduation/policy-initiatives/early-college-scholars-program. See your school counselor for more information. A list of specific Virtual Virginia courses can be found on page 57.

Advanced Placement Program

Poquoson High School currently offers select pre-Advanced Placement and Advanced Placement (College Entrance Examination Board) classes. These courses are part of a national program for high school students who exhibit superior reading, writing, math, and science skills. The culminating activity for all these courses will be a three-hour examination provided by the College Board Testing Service. Successful completion of the examination affords the student the opportunity to apply advanced credits toward colleges where AP credits are accepted. (Additional AP courses are offered through Virtual Virginia.) Students who enroll in AP courses are required to take the corresponding AP exam (with approved exceptions by school administration). The school division will pay for the cost of these exams. More information is available through the College Board website: https://apstudents.collegeboard.org/exam-policies-guidelines/exam-fees

The following are generally considered when recommending students for AP courses:

- Grades in specific courses (English, history/social sciences, world language, math, science)
- Recommendation from a previous same-subject teacher
- Self-motivation and willingness to work beyond general course requirements
- Excellent attendance record
- Standardized test scores (PSAT, SAT, and Stanford scores)
- Parental support

Advanced Placement (AP) Exam Participation Requirement

Students enrolled in Advanced Placement (AP) courses are required to sit for the corresponding AP exam at the conclusion of the course. As AP exam fees are paid by the division, participation in the exam is considered a core component of the course. Students who do not take the AP exam, except in cases of documented extenuating circumstances approved by school administration, will not be permitted to enroll in future AP courses.

Dual Enrollment (DE) Course Participation Requirement

Students enrolled in Dual Enrollment (DE) courses must complete the full course and all associated requirements, including any assessments or college-level assignments, as outlined by the partnering postsecondary institution or division. As tuition and associated fees are fully covered by the division, successful completion of the course is mandatory. Students who do not complete a DE course without documented extenuating circumstances approved by school administration will not be permitted to enroll in future Dual Enrollment courses.

Early Graduation Requests

Students interested in pursuing early graduation must submit a formal request. To initiate the process, a letter should be submitted by the student and/or their parent or guardian to the high school administrator. This letter must outline the reasons for the request, including any academic or personal goals supporting early graduation.

Upon receiving the letter, the school will schedule a meeting with the student, parent or guardian, school counselor, and relevant administrators to review the request and discuss the student's academic record, graduation requirements, and post-graduation plans. Following this meeting, the school will inform the student and their family of the final decision in writing.

Full-Day Requirement

Regardless of the program, Standards for Accrediting Secondary Schools in Virginia state that, “all students in grades 9-12 shall maintain a full-day schedule of classes unless a waiver is granted by the local superintendent of schools.” Junior and senior students in a time-release program (Marketing Co-op) must be enrolled in enough courses to earn a minimum of four credits. Students who participate in VHSL activities must be enrolled in enough courses to earn a minimum of five new credits.

- All students in grades 9, 10 will take eight courses.
- Students in grade 11 have the option of taking one (1) release period.
- Students in grade 12 have the option of taking a minimum of 5 courses (with up to 3 release periods).
- Release periods must occur either at the beginning or the end of the day.
- Transportation will be provided only for the beginning of the school day (period 1) and at the final dismissal of school (end of period 8).

Schedule Changes

To provide for schedule flexibility, changes will be allowed, subject to the following conditions:

- DROP/ADD requests should be submitted during the first 6 – 10 days of school. Forms are available in the Counseling Office.
- All requests will be reviewed by a counselor and/or the principal. When a change request is approved, written notification will be given to the student and appropriate teachers.
- As a general rule, a student may not change into a classroom which is more crowded than the one to which he is assigned.

National Collegiate Athletic Association (NCAA) Eligibility

NCAA Eligibility Guidelines are available from the Counseling Office. Students who plan to participate in Division I or Division II athletics must be certified by the NCAA Initial Eligibility Clearinghouse by providing a signed student release form, SAT or ACT scores sent directly to the NCAA Clearinghouse by the testing agency, and an official high school transcript from every high school attended. There is a fee for this procedure. Students should begin the process at the end of their junior year in high school. Interested students should register online at www.ncaaclearinghouse.net.

PHS COURSE DESCRIPTIONS

ART

STUDIO ART I (9120) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course introduces the beginning art student to basic design elements and a variety of media. Properties and uses of design are studied and applied as students develop skills in drawing, painting, sculpture, and printmaking. Students will work to comprehend and utilize visual vocabulary and communication, to emphasize creative ideas and expression, and to recognize and appreciate connections between the arts and daily lives.

STUDIO ART II (9130) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisites: Studio Art I
This course is an exploration of the problems and possibilities of drawing and painting as a vehicle for serious creative expression. The fundamentals of composition and painting techniques will be presented through a series of studio projects. This course is designed to place emphasis on involving the student in more complicated and involved processes and ideas.

GRAPHIC ARTS (9153) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisites: Studio Art I
This course will enhance the student's art skills using the computer as a tool to create personally expressive original art. Emphasis will be placed on creative thinking and visual problem solving. Curriculum will focus on developing expertise in the use of computers, scanners, and digital cameras. A historical perspective of commercial design is studied along with contemporary career possibilities. An introduction to electronic imaging will be explored using the software Adobe Photoshop Suite CS2.

DESIGN (9161) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisites: None
This course will explore the basic elements and principles of design. They will be combined to create individual compositions in 2 and 3 dimensional forms. Students will work with a wide variety of materials in a studio setting. This course emphasizes expressive, communicative, and technical qualities of production design. Major objectives of this course are to understand historical development, to explore and develop ideas using a range of materials and media, and to demonstrate the ability to analyze and evaluate visual communications.

DRAWING AND PAINTING (9122) **Credit: 1**
Grade Level: 11, 12
This course builds visual perception and artistic skills through continued study of the Elements of Art and Principles of Design. Students practice drawing and painting from observation using a variety of media while learning to represent proportion, perspective, light, and space accurately. Emphasis is placed on developing personal artistic expression, strengthening technical control, and translating three-dimensional forms into two-dimensional compositions. Learners also analyze and critique artwork using appropriate vocabulary and design concepts. Throughout the course, students build creative confidence, persistence, and problem-solving skills essential to the artistic process.

SCULPTURE ART (9162) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Studio Art 1
This course is designed to be a survey and introduction to pottery. Through a combination of hands-on experience and a study of historical and contemporary ceramics, participants will learn a variety of pottery techniques. Hand-building skills will be primarily covered, allowing students to make pottery and sculpture inspired by their studies of ceramic history.

STUDIO ART III (9140) **Credit: 1**
Grade Level: 11, 12
Prerequisites: Studio Art I or Design; one of the following: Graphic Arts, Studio Art II, or Three-Dimensional Art.
This course is designed for highly motivated, self-directed students and will serve to develop creativity through use of new materials and techniques. Emphasis is placed on students becoming more self-directed. This level of art offers the serious and successful art student an opportunity to work and to develop an interest in: Drawing/Painting, Graphic Design, or Sculpture. Emphasis is placed on the development of the AP portfolio.

STUDIO ART IV (9145) **Credit: 1**
Grade Level: 12
Prerequisites: Studio Art III
This level of art offers the serious and successful art student an opportunity to work independently and develop artistic and personal potential. Emphasis is on portfolio development.

STUDIO ART - AP DRAWING (9150)
STUDIO ART - AP 2D Design (9148)
STUDIO ART - AP 3D Design (9149) **Credit: 1**
Grade Level: 12
Prerequisites: Studio Art I; One of the following: Graphic Arts, Studio Art II or Three-Dimensional Art, Studio Art III
Portfolio Review is mandatory.
Studio Art-Advanced Placement is a course based on the content established by the College Board. Portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. The AP program is a cooperative endeavor that helps high school students complete college-level courses and permits colleges to evaluate, acknowledge, and encourage that accomplishment through the granting of appropriate credit and placement. *Placement into this course is based on factors that may include one or more of the following: Previous Art performance and teacher recommendation.*

Drawing Portfolio
The Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Any work that makes use of photographs, published images, and/or other artists' works must show substantial and significant development beyond duplication.

Design Portfolio
This portfolio is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. For this portfolio, students are asked to demonstrate proficiency in 2-D design using a variety of art forms. Any work that makes use of photographs, published images, and/or other artists' works must show substantial and significant development beyond duplication.

3-D Design Portfolio
This portfolio is intended to address a broad interpretation of sculptural issues in depth and space. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. Any work that is derived from photographs, published images, and/or other artists' works must show substantial and significant development beyond duplication.

AP ART HISTORY (9151) **Credit: 1**
Grade Level: 10, 11, 12
Teacher Recommendation
NOTE: This is an online course taken through the Virginia Department of Education Virtual School; special application is required.
The Advanced Placement offering in Art History is designed to provide the student with an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is the fundamental tool of the art historian, art history also emphasizes understanding works in context, considering such issues as patronage, gender, and the functions of and effects of works of art. Student work will be required outside of class time. *Placement into this course is based on factors that may include one or more of the following: Previous Art performance and teacher recommendation.*

BUSINESS & INFORMATION TECHNOLOGY

ECONOMICS AND PERSONAL FINANCE (6120) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Algebra 1
Students will gain a strong foundation in economics and personal finance to participate effectively as consumers, workers, savers, investors, entrepreneurs, and active citizens. The Standards of Learning for Economics and Personal Finance present economic concepts that help students interpret the daily news, understand how interdependent the world's economics are, and anticipate how events will impact their lives. The understanding of how economies and markets operate and how the United States' economy is interconnected with the global economy, prepares the student to be more effective in the workplace. This course is taught partially through online modules. Priority enrollment will be given to juniors and seniors. (This course helps prepare students to take the W!SE Financial A+ exam.) Note: As enacted by the General Assembly of 2011 and prescribed by the Board of Education, beginning with students who enter the ninth-grade class of 2011-2012 and beyond, students shall earn one (1) standard credit in Economics and Personal Finance in fulfillment of the graduation requirement for the Standard and Advanced Studies diplomas.

BUSINESS LAW (6131) **Credit: 1**
Grade Level: 10, 11, 12
Students examine the foundations of the American legal system and learn the rights and responsibilities of citizens. Students gain practical knowledge and legal skills by exploring economic and social concepts related to laws governing business and individuals. Focus areas include contracts, consumer protection, criminal law, tort law, international law, family/domestic law, employment lay, cyber law, and careers in the legal profession. Students combine classroom instruction and supervised on-the-job training in an approved position with continuing supervision throughout the school year.

COMPUTER INFORMATION SYSTEMS (6612) **Credit: 1**
Grade Level: 10, 11, 12
Students apply problem-solving skills to real-life situations through (a) database, spreadsheet and word processing software, (b) charting, and (c) integrated activities. They work individually and in groups to explore data-communications, operating systems, and basic networking principles. This course helps

prepare students to take the industrial certification exam to become a Microsoft Office User Specialist (MOUS).

DESKTOP PUBLISHING/MULTIMEDIA PRESENTATIONS (6630) **Credit: 1**
Grade Level: 10, 11, 12
Students develop proficiency in using desktop publishing software to create a variety of printed and electronic publications. Students will incorporate journalistic principles in design and layout of publications. Students work with sophisticated hardware and software to develop websites and multimedia presentations.

INFORMATION TECHNOLOGY (IT) FUNDAMENTALS (6670) **Credit: 1**
Grade Level: 9, 10, 11, 12
Information Technology (IT) Fundamentals introduces the essential technical and professional skills required for students to pursue programs leading to professional careers and IT certifications. This course focuses on skills related to information technology basics: Internet fundamentals, network systems, computer maintenance, upgrading, and troubleshooting; computer applications, programming graphics, web page design, and interactive media. Students explore ethical issues related to computers and internet technology and develop teamwork and communications skills that will enhance their employability. This course prepares students to take the IC3 certification exam.

INTRODUCTION TO PROGRAMMING (6640) **Credit: 1**
Grade Level: 11, 12
Students in the Programming course explore programming concepts, use algorithmic procedures, implement programming procedures with one or more standard languages, and master programming fundamentals. Coding is used throughout the course. Graphical user interfaces may be used as students design and develop interactive multimedia applications, including game programs. In addition, students employ HTML or JavaScript to create Web pages. Students develop their employability skills through a variety of activities. Certifications: MCP, CIW, MCP, WRS for VA

A+ COMPUTER HARDWARE & OPERATING SYSTEMS (6650) **Credit: 1**
Grade Level: 11, 12
This course is designed to teach many aspects of computer support and network administration. Students learn networking concepts, from usage to components, and set up peer-to-peer network systems and client server networks. Students install and configure network cards and connect them to networks. Students learn how to install the operating systems, set up and manage accounts, load software, and set up and implement security plans.

OFFICE SPECIALIST I (6740) **Credit: 1**
Grade Level: 9, 10, 11, 12
Prerequisite: IEP Identification
This is a collaborative class taught between the business and special education departments. Students will develop keyboarding and computer skills, communication and telecommunications skills. The goal is to prepare students with the tools necessary for employment in a variety of fields.

OFFICE SPECIALIST II (6741) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: IEP Identification; completion of Office Specialist I
This course is a continuation of Office Specialist I. Students will become more proficient in keyboarding, document production, filing and research. Students will enhance keyboarding and computer skills, process numeric data, keep financial records, manage records, enhance communication skills, use telecommunication and prepare for employment.

ACCOUNTING (6320) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Keyboarding course(s) or teacher-approved demonstration of touch keyboarding skills
Students study the basic principles, concepts, and practices of an accounting cycle. Students learn accounting procedures using a manual system. Electronic systems may be introduced if appropriate technology is available and sufficient time is available after basic principles, concepts, and practices have been mastered.

ADVANCED ACCOUNTING (6321) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Accounting (6320)
Advanced Accounting is designed for students who may wish to pursue an accounting career and/or plan to major in accounting in college. The computer will be utilized to automate, analyze, and interpret business transactions including payroll, inventory, and accounts payable and receivable. Transactions will be recorded, journalized, and posted using accounting software.

ELECTIVE OPTIONS

ACADEMIC AND CAREER READINESS SEMINAR (1178) **Credit: 1**
Grade level: 9-12
Students in this course are provided with additional assistance and remediation in all academic areas during the school day and to assist with college and/or career investigation and preparation. The content of this course is designed to increase the academic success of students in their regular high school course work and, specifically, in the areas of reading, writing, and mathematics. Students will be supported by teachers who will help them enhance their decision making, communication, organization and time-on-task skills, develop a growth mind-set, and expand their study and test taking skills. This course includes whole and small group instruction, computer-based practice and independent work. Students are recommended for this course based on performance in prior academic classes, SOL scores, and teacher recommendation. This course can be repeated for credit.

ADVANCED PLACEMENT (AP) ENGLISH 11 RESEARCH (1197AP) **Credit : 1**
Grade Level: 11, 12
Prerequisite: AP Seminar
AP Research as a continuation of the AP Capstone Program for 11th-grade students who have completed AP Seminar in 10th grade. This course focuses on developing independent research skills, allowing students to explore an area of interest in-depth and present their findings in a comprehensive research paper and oral defense. The AP Capstone Program, consisting of AP Seminar and AP Research, enhances students' critical thinking, research, and communication skills. Students who complete both courses, along with four other AP exams with a score of 3 or higher, earn the AP Capstone Diploma.

BEGINNING DRAMA (1410)
ADVANCED DRAMA (1440)
Drama III (1441) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course is designed for the student actor who will be introduced to various acting techniques to include pantomime, characterization, and ensemble acting. Dramatic literature and period acting will also be covered. Students will learn the practical application of costuming and make-up techniques, lighting, and

set design within the confines of the facilities at PHS. The basic elements of production and directing will also be covered. Students must take Beginning Drama prior to Advanced Drama.

DRAMA IV (1442) **Credit: 1**
Grade Level: 12
Prerequisite: Drama III
This course is designed for the student actor who will continue dramatic performance studies. Students will continue to focus on voice, movement, character and script analysis. Drama III and Drama IV students will be expected to serve as student leaders and mentors. Drama III and Drama IV students will be required to participate in at least one one-act and the spring musical.

ELL RESOURCE (7865A) **Credit: 1**
Grade Level: 9, 10, 11, 12
This English proficiency development course is designed to assist students acquiring skills necessary to read, write, and pass proficiency examinations.

EXPERIENTIAL LEARNING (9072) **Credit: 1**
Grade Level: 11, 12
Experiential Learning is an elective course that requires the student to perform 140 documented hours of volunteer service in one professional office, agency, or institution. The service is performed from October to May. The class meets at specified times designated by the instructor. Students are required to maintain a journal, a log of completed hours and complete an exit project on the experience. Topics covered during class meetings will include journal writing, professionalism, understanding group dynamics and problem solving. In this course, students will acquire knowledge and skills to (1) connect curricular knowledge and skills to their own lives and the lives of others; (2) demonstrate active and responsible citizenship through participating as a productive member of a professional community; and (3) think, talk and write about their experiences in a professional setting.

LEADERSHIP (9097) **Credit: 1**
Grade Level: 11, 12
Students will participate in a self-directed study of effective Leadership Strategies, to include such topics as guest speakers on leadership, book studies on The DNA of Leadership (Anderson) and The Seven Habits of Highly Effective People (Covey), etc., and practical applications of student participation in school and community improvement initiatives. This class will work closely with the Principal's Advisory Committee and the SCA in planning and implementing student government proposals, school improvement initiatives and community service activities. Students will be required to keep a log of hours (140) spent working on this class, and they will work with a faculty mentor who will schedule meetings and track student progress. This class will require a culminating activity that will summarize personal leadership growth and document its application.

JOBS FOR VIRGINIA GRADUATES (7921) **Credit: 1**
Grade Level: 9, 10, 11, 12
Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. This course exposes students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

JUNIOR & SENIOR EXPLORATORY PROJECT (1176) **Credit: 1**
Grade Level: 11, 12
The Junior and Senior Exploratory Project (JSEP) is an independently researched and prepared product completed by each student on a topic of his/her choice. The JSEP is an opportunity for the student to demonstrate his/her ability to select, research, write and produce a significant product which is presented to an assessment panel including a faculty member, a peer, an expert consultant and another adult. The JSEP includes a proposal, an authentic journal of progress over time, an expository essay and an oral presentation with visual aids. Each student works under the guidance of a faculty advisor and a consultant in the

preparation and presentation of the project. The product can serve as a piece for review by future employers, as well as for review by college and university personnel, and may also serve as a basis for continued research beyond high school.

TECHNICAL THEATRE (1435) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Beginning Drama & Advanced Drama
This course is an exploration of the duties of stage technicians and their contribution to the total aesthetic effect of a dramatic production. Topics covered will include design research and principles; scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound, lighting, and computer technology; the use of special effects; costume and makeup considerations and selection; publicity and business management; theatre safety; and the function of technical stage personnel in production work. Technical theatre will incorporate academic study and hands-on application of knowledge and skills.

TECHNICAL THEATRE II / ADVANCED THEATRE (1436) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Technical Theatre
This course provides opportunities for students to develop skills in the execution of stage design for theatre. Study includes hands-on experiences in scene construction, set painting, special effects, computer drafting, stage lighting, sound, and production planning beyond what is covered in Technical Theatre, the introductory course.

TECHNICAL THEATRE III (1445) **Credit: 1**
Grade Level: 12
This course provides opportunities for students to develop skills in the execution of stage design for theatre. Class focuses on continued study and hands-on experiences in scene construction, set painting, special effects, computer drafting, stage lighting, sound, and production planning. Technical Theatre III students will serve as student leaders and mentors for beginning students.

VIDEO AND VOICE PERFORMANCE (1446) **Credit: 1**
Grade Level: 11, 12
Prequisite: Teacher Recommendation
Through an independent study, students focus on the elements of writing and performing a pod-cast story to be released periodically throughout the school year, write a script for a morning announcement news show, learn to video record and post "performances," and will learn to perform for the camera.

YEARBOOK I (1215) **Credit: 1**
Grade Level: 9, 10, 11, 12
This class teaches the student the basic fundamentals of yearbook production. It focuses on copywriting, caption and headline writing and design, layout design, desktop publishing, photography, and ad sales. All students in the class are responsible for creating pages of the yearbook using the skills taught. Students will also be expected to work after the regular school hours as part of the course requirements.

YEARBOOK II/III/IV (1216/1217/1218) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Yearbook I
The students in the class are expected to be knowledgeable of all the fundamentals of creating the yearbook. The section editors and the editor-in-chief should be advanced students. Yearbook II-IV students are expected to perform all the course requirements of Yearbook I while serving as section editors/editors-in-chief/other leadership roles. Yearbook II/IV students are accepted on the basis of satisfactory completion of Yearbook I and the yearbook advisor's approval.

COUNSELING AIDE (9999) **No Credit**
Grade Level: 11, 12
Students will assist the counseling office with nonconfidential clerical tasks such as distributing passes, hanging bulletin boards, making photocopies, typing, etc. Students are expected to attend their aide position during assigned periods and to be on time. Students may earn community service hours. An application is required, and spaces are limited. Administration approval required.

CREDIT RECOVERY (22006) **No Credit**
Grade Level: 10, 11, & 12
The intention of this is for administrators to be able to assign students a class period for credit recovery when academically necessary. This should not be a course students choose for themselves and can only be assigned by an administrator.

SPECIAL FRIENDS **No Credit**
Grade Level: 11, 12
While Special Friends is not a course, it is considered an extracurricular activity that can be completed during a release period. No additional release periods are granted for this program. Students will work under the direction of a PCPS school teacher or counselor and can serve as a teacher's assistant, student mentor or tutor. Students must have a desire to work with young children. An application is required.

For more advanced coursework and opportunities, please refer to the College Now, Aviation Academy, New Horizons, and GSST sections of the Program of Studies, which highlights additional accelerated options available in partnership with local programs and community college.

ENGLISH

PREP READING ENGLISH LAB (1133) **Credit: 1**
Grade Level: 9, 10, 11, & 12
This course is designed for students who are preparing for the standard diploma but are weak in prerequisite skills. The small class size and low student/teacher ratio allows for more individualized instruction with a focus on improving reading, writing, and grammar skills, as well as developing better study skills, fostering a productive work ethic, and meeting SOL requirements. This course works in tandem with core English courses to reinforce language skills and the general curriculum.

ENGLISH 9 (1130) **Credit: 1**
English 9 will focus on literary analysis, reading comprehension, writing proficiency, vocabulary and language use, oral communication, and research skills. Students will engage in a dynamic exploration of literature and language, fostering critical thinking, effective communication, and a deeper understanding of the English language. Students will analyze a variety of literary genres, including fiction, poetry, and drama. They will develop skills to identify and interpret literary elements, such as plot, character, theme, and symbolism, fostering a deeper appreciation for the nuances of language and storytelling. Emphasizing comprehension strategies, students will enhance their ability to understand, analyze, and evaluate complex texts. Through close reading exercises, discussions, and written responses, students will develop critical reading skills necessary for success in high school and beyond. The course will focus on developing strong writing skills, including effective thesis development, organization, and elaboration of ideas. Students will engage in various writing forms, such as essays, narratives, and research papers while learning to revise and edit their work for clarity and precision. To enrich language skills, students will expand their vocabulary and

refine their understanding of language conventions. Activities will include studying word roots, prefixes, and suffixes, as well as exploring the nuances of language usage in different contexts.
Students will enhance their oral communication skills through class discussions, presentations, and collaborative projects. They will practice articulating their ideas effectively and respectfully, fostering a positive and inclusive learning environment. The course will introduce basic research skills, including conducting library and online research, evaluating sources, and citing information properly. Students will develop the ability to synthesize information and present findings in various formats. Students will engage with a variety of literary works, textbooks, online resources, and writing materials. Assessment will be multifaceted, including written assignments, quizzes, exams, class participation, and projects. Emphasis will be placed on the development of critical thinking, effective communication, and the application of learned skills in both written and oral forms.

ENGLISH 9 HONORS (1130H) **Credit: 1**

This course is designed to provide the student with a working knowledge of the eight parts of speech and their function within the sentence. The student will concentrate on writing effective paragraphs with emphasis on topic sentences, clincher sentences, and unity and coherence in the paragraph. Various types of expository, narrative, and persuasive writing will be practiced in conjunction with the literature studied. Emphasis in the literature will be on short literary genres and high interest literature such as non-fiction mythology, poetry, plays, and short stories. In the advanced program, the reading is more analytical, and the writing and vocabulary instruction stresses the application of those skills necessary to succeed on the college level. Students will complete research projects on an author or a teacher-assigned topic. Media and its influence will also be studied. Using the Vocabulary Workshop program, students will enhance their vocabulary skills. *Placement into this course is based on factors that may include one or more of the following: Previous English performance, previous English SOL performance, and teacher recommendation.*

ENGLISH 10 (1140) **Credit: 1**

In tenth grade, students continue to build upon skills learned in earlier grades. There is a sustained emphasis on reading comprehension by comparing fiction and nonfiction texts. Students will analyze the cultural and social function and universal themes of fictional texts from different cultures. Tenth grade students will analyze and synthesize information from nonfiction texts to solve problems, answer questions, and generate new knowledge. The student will continue development of vocabulary, with attention to connotations, idioms, classical allusions, and figurative language. The student will continue to use the writing process to write/compose with an emphasis on persuasion and analysis while showing relationships among claims, reasons, and evidence from reliable sources. The student will create media messages and analyze the cause-and-effect relationships between mass media coverage and public opinion trends. Students will continue to use multimodal tools to create presentations both independently and in small groups. The student will continue to build research skills presenting information gathered from diverse sources, identifying misconceptions and possible bias while crediting sources using MLA or APA style.

AP ENGLISH 10 SEMINAR (1140AP) **Credit: 1**

Students build skills foundational to college and career success, including investigating topics, conducting research, and presenting. They work in teams to investigate a real-world or academic problem and present an argument for their proposed solution.

ENGLISH 11 (1150) **Credit: 1**

This course will focus on chronological study of American Literature and a comprehensive review of selected principles of grammar, mechanics, and usage that will prepare students for effective communication in either post high school studies or the working world. Students will write persuasive/argumentative research papers on a contemporary issue. All students taking this course will take the reading and writing SOL tests. Students will write a series of persuasive compositions in order to prepare for the writing SOL test. Using the Vocabulary Workshop program, students will enhance vocabulary skills.

AP ENGLISH 11/LANGUAGE AND COMPOSITION (1196AP) **Credit: 1**
Grade Level: 11
The AP English Language and Composition course focuses on developing and revising evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and edit. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as text forms—from various disciplines and historical periods.

The study of both literature and nonfiction texts will allow students to approach different types of texts and determine rhetorical elements and the purpose of the author's work while interpreting the effects of the writing within a text. The student will be able to identify the prevalent themes and characterizations present in nonfiction and literature, which are reflective of history and culture. Students will also use nonfiction texts to draw conclusions and make inferences citing textual support.
The student will be able to write clear and accurate personal, professional, and informational correspondence and reports for research and other applications. Grammar development will continue by applying rules for sentence formation, usage, spelling, and mechanics. The student will develop informative and persuasive writings by locating, evaluating, synthesizing, and documenting information following ethical and legal guidelines.

The eleventh-grade student will be able to make and analyze informative and persuasive oral presentations, with attention to the accuracy of evidence and the effectiveness of delivery. An examination of how media influences beliefs and behaviors will be introduced. The student will continue to develop and expand their vocabulary.

All juniors taking this course will take the reading and writing SOL tests. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman English in college where AP credits are accepted.

ENGLISH 12 (1160) **Credit: 1**
Seniors will be involved in a review of grammar, mechanics, and composition skills necessary for success in post-high school writing endeavors. Students will also concentrate on communication tools that will give them confidence in the world they will be entering. Seniors will survey major British and world writers, their ideas and their styles in a chronological study. Emphasis will be placed on speaking and writing. Students will be required to write a research paper. Using the Vocabulary Workshop program, students will enhance vocabulary skills.

AP ENGLISH 12/LITERATURE & COMPOSITION (1195AP) Grade Level: 12 **Credit: 1**
This is a national program for high school students who exhibit superior reading and composition skills. It is an accelerated program of literary analysis, and composition. The culminating activity of this course will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman English in college where AP credits are accepted. For requirements for admission to this program, refer to page 36. Using the Vocabulary Workshop program, students will enhance vocabulary skills. Placement into this course is based on factors that may include one or more of the following: Previous English performance, previous English SOL performance, and teacher recommendation.

CREATIVE WRITING (1171) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course is an introduction to the major genres of creative (imaginative) writing, including fiction, poetry, drama and personal essay (creative nonfiction). The class will examine the creative process through experimentation with a variety of creative exercises. The types of experimental writing will examine the format, technical elements of fiction, poetry, and drama. In addition, the course will feature reading, analyzing, and critiquing a variety of literary examples, including the student's writing. The course members

will compose stories, poems, and dramatic scenes. Finally, this course will prepare the student for more advanced work in creative writing, including fiction and poetry writing.

CREATIVE WRITING II (1172) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Creative Writing
This course allows students to delve deeper into their chosen style of writing. Students will learn the value in the revision process through writers' workshops and the art of providing meaningful feedback based upon content and style. Additionally, students will learn the publication process for creating a school literary-art magazine: soliciting original works from the student body, selecting and editing manuscripts, and contributing in the layout and design process.

JOURNALISM I (1200) **Credit: 1**
Grade Level: 9, 10, 11, 12
Stressed in this course will be the basic skills needed to publish a newspaper. The writing of a simple news story, lead paragraphs, news product history, editorial and feature writing, design and layout, and the media as a molder of public opinion will be studied. The newspaper as a good public relations tool will be stressed, as well as the influence of the press as an advertising medium. Second semester, the journalism class publishes one edition of the school newspaper, The Island Echo. Students will learn the Adobe InDesign computer program and will be introduced to digital photography.

JOURNALISM II (1210) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Journalism I
In the second course, the student will continue the study of communication through print media. Areas of study will include in-depth news writing, research-based features, effective editorials, and columns. The student in this course has the opportunity to provide leadership for the newspaper staff and will publish the school newspaper, The Island Echo.

JOURNALISM III/IV (1211/1213) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Journalism II
This course is designed to allow serious journalism students to further develop their individual talents in the area of communication. Emphasis will be placed on in-depth writing and newspaper production while publishing The Island Echo. News analysis, research-based features, improved interview skills, and original newspaper design will be required.

For more advanced coursework and opportunities, please refer to the College Now, Aviation Academy, New Horizons, and GSST sections of the Program of Studies, which highlights additional accelerated options available in partnership with local programs and community college.

FAMILY & CONSUMER SCIENCE

HOSPITALITY, TOURISM, AND RECREATION I (8209) **Credit: 1**
Grade Level: 10, 11, 12
Students prepare for careers in this global industry by exploring marketing and sales strategies, lodging, the food and beverage industry, and conference and event planning. Students also investigate related ethical and legal considerations and the necessary skills for a successful career in hospitality. Contextual instruction and student participation in co-curricular career and technical student organization activities will develop leadership, interpersonal, and career skills. High-quality work-based learning will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

HOSPITALITY, TOURISM, AND RECREATION II (8210) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Hospitality, Tourism, and Recreation I
This course introduces students to key areas of the hospitality and tourism industry, including health and safety practices, lodging operations, food and beverage services, marketing, travel, and event planning. Students learn essential skills such as maintaining sanitation standards, responding to emergencies, supporting front-office and housekeeping functions, and providing high-quality customer service. The course also examines legal and ethical considerations, cultural expectations in travel, and the fundamentals of marketing and event management. Through practical tasks and scenario-based activities, students gain a broad foundation for success in hospitality and tourism careers.

INDEPENDENT LIVING (8219) **Credit: 1**
Grade Level: 9, 10, 11, 12
(Priority Given to 9th and 10th Graders)
This course allows students to explore successful strategies for living independent by actively participating in practical problem solving, focusing on: Relating to others (relationships); applying financial literacy; managing resources in the areas of apparel, nutrition and wellness, and housing; using leadership skills to reach individual goals, planning for careers, and making consumer choices in a global environment.

INTRODUCTION TO EARLY CHILDHOOD EDUCATION AND SERVICES (8234) **Credit: 1**
Grade Level: 9, 10, 11, 12
Students will focus on the principles of child growth and development; development of self-concepts and building self-esteem; appreciation of diversity; learning experiences for children; principles of guiding children in a positive manner; healthy and safe environments; career development; and careers related to early childhood professionals through hands-on exploration, projects, and group learning.

INTRODUCTION TO FASHION CAREERS (8248) **Credit: 1**
Grade Level: 9, 10, 11, 12
The design and merchandising competencies for this course focus on identifying and exploring individual careers within the apparel, accessory, and textile design, manufacturing, and merchandising industry. Units of study include the relationships that exist among all areas of the clothing industry; related global and economic issues; apparel, accessory, and textile technology; exploration of careers, including entrepreneurial opportunities in related areas; and the skills and personal characteristics necessary for successful careers in the apparel, accessory, and textile design, manufacturing, and marketing industry.

FASHION CAREERS I (8249) **Credit: 2**
Grades: 10, 11
Prerequisite: Introduction to Fashion Careers
Students in Fashion Careers I participate in hands-on experiences applying design techniques and skills to create original products. Work-based learning within the fashion industry is encouraged to provide opportunities for students to develop employability skills. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

NUTRITION AND WELLNESS (8229) **Credit: 1**
Grade Level: 9, 10, 11, 12
(Priority given to 11th and 12th Grade Students)
Students enrolled in Nutrition and Wellness focus on understanding wellness, investigating principles of nutrition, using science and technology in food management, ensuring food safety, planning menus and preparing food, and exploring careers in the field of nutrition and wellness. Critical thinking and practical problem solving are emphasized.

INTRODUCTION TO CULINARY ARTS (8250) **Credit: 1**
Grade level: 10, 11, 12
Prerequisite: Nutrition and Wellness Course
The Introduction to Culinary Arts Curriculum provides students with opportunities to explore career options and entrepreneurial opportunities within the food service industry. Students investigate food safety and sanitation, explore culinary preparation foundations, practice basic culinary skills, explore diverse cuisines and service styles, investigate nutrition and menu development, and examine the economics of food. The curriculum places a strong emphasis on science and mathematics knowledge and skills.

HEALTH & MEDICAL SCIENCES

INTRODUCTION TO HEALTH & MEDICAL SCIENCES (8302) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course introduces the student to a variety of healthcare careers and develops basic skills required in all health and medical sciences. It is designed to help students understand the key elements of the U.S. healthcare system and to learn basic healthcare terminology, anatomy and physiology for each body system, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of traumatic and medical emergency care. Throughout the course, instruction emphasizes safety, cleanliness, asepsis, professionalism, accountability, and efficiency within the healthcare environment. Students also begin gaining job-seeking skills for entry into the health and medical sciences field. In addition, instruction may include the basics of medical laboratory procedures, pharmacology fundamentals, biotechnology concepts, and communication skills essential for providing quality patient care.

SPORTS MEDICINE I (7660A) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Intro to Health and Medical Sciences
This course provides students with the basic concepts and skill set required for an entry-level position as a sports medicine assistant. It introduces students to topics such as injury prevention, nutrition, first aid/CPR/AED, exercise physiology, and biomechanics. Students study basic human anatomy and physiology,

medical terminology, legal and ethical issues in sports medicine, and career preparation. Course competencies have been constructed so as not to go beyond the professional scope of aide/assistant level. Mastery of the material in this course would provide students with a strong background should they wish to pursue certification in areas such as first aid, CPR, AED, and/or personal trainer.

SPORTS MEDICINE II (7660B) **Credit: 1**
Grade Level: 12
Prerequisite: Sports Medicine I
This course provides students with the additional study in the concepts and skill set required for an entry-level position as a sports medicine assistant. Students study topics such as injury prevention, nutrition, first aid/CPR/AED, exercise physiology, and biomechanics. Students continue the study of human anatomy and physiology, medical terminology, legal and ethical issues in sports medicine, and career preparation. Course competencies have been constructed so as not to go beyond the professional scope of aide/assistant level. Mastery of the material in this course would provide students with a strong background should they wish to pursue certification in areas such as first aid, CPR, AED, and/or personal trainer.

HEALTH & PHYSICAL EDUCATION

PE 9/HEALTH (7300) **Credit: 1**
Grade Level: 9, 10
This course is designed to foster the knowledge of physical, emotional, and social growth, and to further develop an understanding of one's individual needs and to enhance the ability to make responsible decisions. The physical education unit is one semester in length and includes instruction in individual sports, team activities, conditioning, and involves physical fitness testing. The health unit is one semester in length and includes topics on personal development, roles and relationships, self-concept, personality development, decision making skills, mental health and disorders, family roles and responsibilities, and family life education. Note: As enacted by the General Assembly and prescribed by the Board of Education, beginning with first-time ninth grade students in the 2016-2017 school year, requirements for the standard and advanced diplomas shall include a requirement to be trained in emergency first aid, cardiopulmonary resuscitation, and the use of automated external defibrillators, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. This requirement shall be fulfilled through the PE9/Health course beginning in the fall of 2016.

PE 10/HEALTH/DRIVER EDUCATION (7405) **Credit: 1**
Grade Level: 9, 10
This course includes one semester of classroom Driver Education/Health and one semester of physical activity. The activity portion includes team sports and individual sports. The classroom portion includes a semester of classroom Driver Education, resulting in state certification for students who successfully complete the course. Driver Education is a required course that includes a state mandated section on aggressive/emotional driving, alcohol/drugs and driving, motorcycle awareness, buying/insuring an automobile and planning/mapping a trip. Requirements for obtaining a learner's permit/driver's license and laws that apply to use of public roadways are also covered. The overall concentration is the safe and responsible operation of a motor vehicle.

Classroom driver's education is a part of the PE/10 Driver's Education course. Students are scheduled into this portion of the program in their sophomore year or in the school year that they turn 16 years of age.

Students must pass both courses to meet graduation requirements. Behind-the-Wheel Driver Education is not offered through Poquoson City Public Schools.

ADVANCED PHYSICAL EDUCATION/WEIGHT TRAINING (7635) **Credit: 1**
Grade Level: 11, 12
This course is offered as an elective beyond the required two years. This course will not substitute for the required 9th or 10th grade H/PE programs. This course includes weightlifting, aerobic exercise/advanced conditioning (including running, jump ropes, and step aerobics), and safety. Students will learn all aspects of weightlifting; identify and exhibit correct lifting and spotting techniques; identify and exhibit appropriate exercises used to increase strength and endurance in all major muscle groups; develop, practice and access a personalized program to enhance neuromuscular efficiency, muscle tone, and body composition; identify, describe and discuss the advantages, disadvantages, and dangers of ergogenic aids (steroids, blood doping, carbohydrate loading, human growth hormones, amphetamines, etc.). Students will also identify and discuss the advantages of a balanced, nutritionally complete diet and identify appropriate strategies and methods for gaining, losing or maintaining weight. Students will also participate in individual and team games.

HISTORY / SOCIAL SCIENCE

WORLD HISTORY & GEOGRAPHY TO 1500 A.D. (2215) **Credit: 1**
Grade Level: 9
Prerequisite: None
This course examines the development of human societies from pre-history to 1500 A.D. Students will explore major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, science and technology, and the arts in ancient and classical civilizations. All students taking this course may take the end-of-course World History I SOL test if it is needed for a verified credit or for federal accountability purposes.

PRE-AP WORLD HISTORY & GEOGRAPHY to 1450 (0452PA) **Credit: 1**
Grade Level: 9
Prerequisite: None
Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for college, career, and civic life. The course is built around three enduring ideas to create an engaging and relevant social studies course: 1. History is an interrelated story of the world. The course explores the invisible structures and forces that shape and reflect the regions, communities, governments, economies, and cultures of humanity. These big ideas help students develop an organized and meaningful understanding of time and space. 2. History and geography are inherently dynamic. As historians and geographers uncover new evidence, current assumptions are challenged, and previous arguments and narratives gain complexity, nuance, and context. This course teaches students how to examine sources and data, establish inferences, and ultimately build and critique arguments. 3. Historians and geographers are investigators. Learning in Pre-AP World History and Geography is designed to be a disciplinary apprenticeship where students participate in the process of discovery. Students will play the role of historian and geographer by practicing their detective skills and using the tools of each field of study.

WORLD HISTORY & GEOGRAPHY 1500-PRESENT (2342) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: World History & Geography to 1500 A.D.
This course presents a general overview of the history of the world from the year 1500 AD to the present with special emphasis on the geographical influences on history. Topics will include lifestyle, religion, culture, cultural and political conflicts, the development of governments, and the effect of past history on today's world. In addition, there will be a study of current events in light of the geography and the impact of past events. All students taking this course may take the end-of-course World History from 1500 AD to the Present if it is needed for a verified credit or for federal accountability purposes.

AP EUROPEAN HISTORY (2399) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Pre-AP World History and Geography to 1450
The goals for the Advanced Placement course in European History are for the students to understand the basic narrative of the events and movements in European history. Students will learn the basic chronology of the major events and trends from approximately 1450 to the present and develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and express historical understanding in writing. This course counts as one of the World History credits required for graduation with an Advanced Studies diploma. Successful completion of this course will afford the student an opportunity to score well on the Advanced Placement Examination which may entitle him/her to receive college credit for European History. *Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation*.

MEDIEVAL EUROPEAN HISTORY (2348) **Credit: 1**
Grade Level: 10, 11, 12
This course will cover the development of European society from the collapse of Roman rule in the 5th century to the beginnings of the Italian Renaissance, approx. 500-1400 BCE. Emphasis will be on political, social, cultural, and intellectual growth of society. Topics include Carolingian Dynasty, Roman/Anglo-Saxon/Norman Britain, the emergence of Christendom from Pagan origins, effects of Viking and Hun invasions, struggle between Islam and Christianity, Black Death, Crusades

US AND VA HISTORY (2360) **Credit: 1**
Grade Level: 11
This course presents a general overview of the historical development of the United States and Virginia. Emphasis will be placed on the twentieth century and the evolution of the democratic process. All students taking this course may take the end-of-course U.S. History SOL test if it is needed for a verified credit or for federal accountability purposes.

AP UNITED STATES HISTORY (2319) **Credit: 1**
Grade Level: 11
Prerequisite: Pre-AP World History and Geography to 1450, AP European History, or AP Human Geography
A general overview of the historical development of the United States will be presented. The advanced placement program will provide students with the opportunity to use analytical skills and factual knowledge necessary to deal critically with problems and materials in American history. Due to the nature of the course, students will be required to do extensive reading and research. Successful completion of this course will afford the student an opportunity to score well on the Advanced Placement Examination which may entitle him/her to receive college credit for US history. All students taking this course will take the end-of-course U.S. History SOL test. *Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation.*

US AND VA GOVERNMENT (2440) **Credit: 1**
Grade Level: 12
Prerequisite: AP US History, AP Human Geography, or AP European History
The student learns about America's political system through a study of the structure, function, and organization of the three levels of government. Emphasis is on the role of the individual in the democratic process and the impact of politics on his/her daily life. Key documents are studied to understand America's political roots and democratic principles that shape contemporary issues.

AP US GOVERNMENT & POLITICS (2445) **Credit: 1**
Grade Level: 12
This course is designed to provide students with an analytical study of the foundations of American government and the politics of U.S. democracy. Students will examine national, state, and local government levels and explore constitutional fundamentals. Major concepts of the American political process will be compared with the diverse political systems in the world. Students will be required to do extensive reading and research, to apply content and critical thinking skills to political problem-solving, and to develop political action skills by becoming involved in the political process. Successful completion of the course will offer the student an opportunity to score well on the Advanced Placement Exam and may entitle him/her to receive college credit for U.S. Government. *Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation*.

AFRICAN-AMERICAN STUDIES (2371) **Credit: 1**
Grade Level: 11, 12
The African-American Studies course focuses on the contributions people of African descent have made to American society. Through the study of the Atlantic slave trade, the abolitionist movement, and the civil rights movement, students will gain a better understanding of the role African-Americans have played in building the character and institutions of the United States and the world. Beginning with a historical, geographical, social, political, economic, and cultural understanding of the African continent, the course will provide a descriptive overview which will introduce the student to the study of the African and African-American experiences.

PSYCHOLOGY (2900) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Biology
This course is designed to enable one to better understand one's behavior and the relationship of the individual to peer groups and the cultural environment. It will emphasize the science, research, and theory of psychology while challenging students to think critically about the subject matter, to question it, and then apply it to their personal lives. The course will include biological factors affecting behavior, sensations and perception, sleep and consciousness, human memory, language and intelligence, abnormal behavior and therapy, social psychology, and applied psychology.

AP PSYCHOLOGY (2902) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Biology
This course is an introductory college level course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. There is a focus on psychological facts and principles associated with each of the major subfields within psychology. Students will also learn about the methods psychologists use in research and practice. Successful completion of this course will afford the student an opportunity to score well on the Advanced Placement Examination which may entitle him/her to receive college credit for Psychology. *Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation.*

AP HUMAN GEOGRAPHY (2212) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: AP European History or Pre-AP World History and Geography to 1450
AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will study diverse people and areas organized around concepts that include location and place, scale, pattern, spatial organization, and regionalization. They will also learn about the methods and tools geographers use in their science and practice. *Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation*.

AP WORLD HISTORY (2380) **Credit: 1**
Grade Level: 10, 11, 12
NOTE: Online Course – Virtual VA
The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. There are six course themes to be covered.

- The impact of interaction among major societies and regions
- The relationship of change and continuity across the world history periods
- The effects of technology, economics, and demography on people and the environment
- Systems of social structure and gender structure
- Cultural, intellectual and religious developments and interactions among and within societies
- Changes in functions and structures of states and attitudes toward states and political identities including the emergence of the nation-state

Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation.

AP GOVERNMENT & POLITICS: COMPARATIVE (2450) **Credit: 1**
Grade Level: 11, 12
Prerequisite: US History or World History
NOTE: Online Course – Virtual VA
Students are introduced to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate the importance of global political and economic changes. Five countries form the core of the AP Comparative Government and Politics course: China, Great Britain, Mexico, Nigeria, and Russia. In addition, Iran will be included as time allows. This course does NOT substitute for U.S. Government under the Virginia Standards of Learning. *Placement into this course is based on factors that may include one or more of the following: Previous history/social science performance, history/social science SOL performance, and teacher recommendation*.

MARKETING EDUCATION

MARKETING (8110) **Credit: 1**
Grade Level: 9, 10, 11, 12
Explore the world of marketing to understand its importance in today's society. Students will develop skills related to interpersonal communication, self-presentation, economics, marketing, sales, employability, career discovery, promotion, and ethical decision-making—all essential skills in any career. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

FASHION MARKETING (8140) **Credit: 1**
Grade level: 10, 11, 12
Prerequisite: Introduction to Fashion Careers
In this specialized course, students gain basic knowledge of the apparel and accessories industry and skills necessary for successful employment in apparel businesses. Students develop general marketing skills necessary for successful employment in fashion marketing, general marketing skills applicable to the apparel and accessories industry, and specialized skills unique to fashion marketing. Personal selling, sales promotion, purchasing, physical distribution, market planning, and product/service technology as well as academic skills (math, science, English, and history/social science) related to the content are part of this course. Computer/technology applications supporting this course are studied.

SPORTS, ENTERTAINMENT, & EVENT MARKETING (8175) **Credit: 1**
Grade Level: 10, 11, 12
Students develop a thorough understanding of marketing concepts and theories as they relate to sports, entertainment, and recreation industries. Students will investigate branding, sponsorships, and endorsements, and will develop promotion plans.

SPORTS & ENTERTAINMENT, & EVENT MANAGEMENT (8177) **Credit: 1**
Grade Level 11, 12
Prerequisite: Sports and Entertainment Marketing
Students will build on prior knowledge of sports, entertainment, and recreational marketing. This course focuses on the principles of management and planning supported by research, financial, and legal concepts. Students will be able to plan and execute an event, develop a career plan, and establish a sports, entertainment, or recreation marketing product/business. Academic skills (mathematics, science, English, and history) related to the content are a part of this course. Computer/technology applications supporting the course are studied.

DIGITAL & SOCIAL MEDIA MARKETING (8125) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course introduces students to digital and social media marketing. Students explore principles, strategies, tools, and tactics related to consumers, branding, advertising, and promotions. Students explore how success is measured in a digital and social media marketing campaign. This course emphasizes ethics, laws, and security. Students also investigate business and marketing plans, as well as careers in digital and social media marketing.

STRATEGIC MARKETING (8142) **Credits: 1**
Grade Level: 10, 11, 12
Prequisite: Marketing, Digital Marketing, Fashion Marketing, or Sports Marketing
In this course, students learn to leverage marketing activities to best differentiate themselves and their businesses. They will participate in supervisory and management activities focusing on the marketing mix, purchasing, financing, human resources, global marketing, pricing, distribution, selling, operations research, and promotion. Students will prepare for marketing careers and postsecondary education, continuing to enhance self-presentation, communication, and leadership skills. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

MARKETING MANAGEMENT (8132) **Credits: 1**
Grade Level: 11, 12
Prerequisite: Strategic Marketing
This course is designed for high school students who plan to attend college with a concentration in marketing, business, or management and/or who have plans to manage or own a business. Students will be exposed to all aspects of marketing and management, including branding, digital marketing, promotion, communication, and career opportunities in marketing. This course will prepare students for industry certifications (including the College Level Examination Program [CLEP] examination, which may lead to them earning college credit at many accredited colleges and universities across the country). Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

ENTREPRENEURSHIP EDUCATION (9093) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course introduces students to the exciting world of creating, owning, and launching their own business. Students will learn concepts and techniques for planning an innovative business and living the entrepreneurial lifestyle. This course is designed for students who plan to attend college with a concentration in marketing, business, or management and/or who have tentative plans to manage or own a business. Academic knowledge and skills (math, science, English, and social science) related to the content are a part of this course. Computer technology applications supporting this course are studied.

MATHEMATICS

ALGEBRA I (3130) **Credit: 1**
Grade Level: 9, 10, 11, 12
This class covers the study of the algebraic concepts needed to solve algebraic equations. Students will use algebra as a tool for representing and solving a variety of practical problems. Tables and graphs are used to interpret algebraic expressions, equations, and inequalities and to analyze functions. Students will make connections and build relationships among algebra and arithmetic, geometry, probability, and statistics. All students taking this course will take the end-of-course Algebra I SOL Test.

ALGEBRA I, PART I (3131) **Credit: 1***
Grade Level: 9, 10, 11
Algebra I Part I covers the first half of the Algebra I curriculum. Algebra I Part I includes the study of the number system and its properties, data representation, functions, solving equations and inequalities. Upon successful completion of Algebra I Part I, students will be enrolled in Algebra I Part II.
*Students will receive one (1) elective credit for Algebra I Part I unless found eligible for credit accommodations for Students with Disabilities (IDEA and 504) as established by Virginia law or regulation.

ALGEBRA I, PART II (3132) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Algebra I, Part I
This course is designed for the student who would benefit from additional time to master the algebraic concepts required in Algebra I. Algebra I Part II covers the second half of the Algebra I curriculum and continues the study of the number system and its properties, data representation, functions, solving equations and inequalities. All students will receive one math credit upon successful completion of the course. All students will take the end-of-course Algebra I SOL test.

MATH LAB (3199) **Credit: 1**
Corequisite: Algebra I
This course may be a required co-requisite for Algebra 1, based on Student performance in middle school math, prior SOL scores, teacher recommendation, and performance in other math courses. Students who failed 8th grade math are required to enroll in Math Lab to support learning in conjunction with Algebra I.

GEOMETRY (3143) **Credit: 1**
Prerequisite: Algebra I
This course covers plane, solid, and analytical geometries using Euclid's postulates. Geometry emphasizes the practical application of geometric principles including basic terminology, parallel lines, informal reasoning, triangles, introduction of trigonometry, quadrilaterals, plane figures, circles, volume and surface area. All students taking this course may take the end-of-course Geometry SOL test if it is needed for a verified credit or for federal accountability purposes.

GEOMETRY HONORS (3143H) **Credit: 1**
Prerequisite: Algebra I
Geometry Honors is designed to develop logical and analytical thinking skills, inductive and deductive reasoning, and provide a solid base of geometrical concepts needed for subsequent advanced math and science courses. Students are required to master all the objectives of the regular geometry course plus more in-depth applications, more formal geometric proofs, and independent discovery projects. This course is strongly recommended for students planning to enroll in Algebra II Honors, Math Analysis, and Calculus. All students taking this course may take the end-of-course Geometry SOL test if it is needed for a verified credit or for federal accountability purposes. *Placement into this course is based on factors that may*

include one or more of the following: Previous mathematics performance, mathematics SOL performance, and teacher recommendation.

ALGEBRA, FUNCTIONS, AND DATA ANALYSIS (3134) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Algebra I
Within the context of mathematical modeling and data analysis, students will study functions and their behaviors, systems of inequalities, probability, experimental design and implementation, and analysis of data generated from practical applications in science, business, and finance. Students will solve problems that require formulation of linear, quadratic, exponential, or logarithmic equations or systems. Through mathematical models and interpretation/analysis of data from real life situations, students will strengthen conceptual understandings in mathematics and further develop connections between algebra and statistics. Students should use the language and symbols of mathematics in representation and communication throughout the course.
NOTE: This course counts toward graduation requirements in math; however, this course may not be taken for credit if a student already has earned a credit for Algebra II.

ALGEBRA II (3135) **Credit: 1**
Prerequisite: Algebra I and Geometry
Algebra II is a course of study that extends and broadens the concepts introduced in Algebra I, including linear, quadratic, exponential, and logarithmic functions. This course is offered to help prepare the students for further study in mathematics. All students taking this course may take the end-of-course Algebra II SOL test if it is needed for a verified credit or for federal accountability purposes.

ALGEBRA II / TRIGONOMETRY HONORS (3137) **Credit: 1**
Prerequisite: Algebra I and Geometry
Algebra II Honors is a rigorous, advanced-level Algebra II course for students with strong mathematical abilities who intend to study mathematics, science, engineering, or a similar field. Students will master all the objectives of the regular Algebra II course, including linear, quadratic, polynomial. exponential, and logarithmic functions, and extend and broaden their knowledge of Geometry Honors integrated with trigonometric functions, polar coordinates, and conic sections. Selected pre-calculus topics are also presented. This course is strongly recommended for enrollment in Math Analysis, Statistics, and Calculus. All students taking this course may take the end-of-course Algebra II SOL test if it is needed for a verified credit or for federal accountability purposes. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, mathematics SOL performance, and teacher recommendation.*

TRIGONOMETRY & STATISTICS (3190) **Credit: 1**
Prerequisite: Algebra II
Trigonometry and Statistics provides students with an opportunity to extend and broaden their knowledge of Algebra II concepts. The first half of the course includes the study of trigonometric definitions, applications, graphing, and solving trigonometric equations and inequalities. Emphasis should also be placed on using connections between right triangle ratios, trigonometric functions, and circular functions. In addition, the application of trigonometric concepts should be included throughout the course of study. Oral and written communication concerning the language of mathematics, logic of procedure, and interpretation of results should also permeate the course.. The second half of the course includes basic concepts and techniques for collecting and analyzing data, drawing conclusions, and making predictions.. Note: *Students who have earned a credit for Math Analysis will not receive credit for Trigonometry and Statistics following Analysis.*

MATH ANALYSIS (3162) **Credit: 1**
Prerequisite: Algebra II or Algebra II/Trigonometry Honors
Students enrolled in Math Analysis are assumed to have mastered Geometry and Algebra II concepts. Math Analysis develops students' understanding of algebraic and transcendental functions, parametric and polar equations, sequences and series, and vectors. Additionally, the idea of a "limit" will be introduced. This

course serves as preparation for a Calculus course. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, mathematics SOL performance, and teacher recommendation.*

AP PRE-CALCULUS (3163AP) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Algebra II/Trigonometry Honors, Math Analysis
AP Precalculus is a fast-paced course that prepares students for other college-level mathematics and science courses. It is designed for students that are mathematically talented, motivated and who are intending to pursue a career in mathematics, science, engineering, or a similar field. During the course, students will explore everyday situations using mathematical tools and lenses. Students also develop an understanding of modeling and functions and will examine scenarios through multiple representations. The course framework outlines content and skills needed for careers in mathematics, physics, biology, health science, social science, and data science. This course is designed as a prerequisite for AP Calculus. Students enrolled in this course are strongly recommended to take the AP Examination. Some colleges and universities may give students the opportunity to use this course in place of a freshman mathematics course depending on the score earned on the AP test. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance and teacher recommendation.*

AP STATISTICS (3191) **Credit: 1**
Statistics AP is designed by the College Board for students who wish to pursue college level studies while still in high school. The topics covered include analysis of patterns, planned data collection, survey design, and experimentation; probability; the normal, binomial, and geometric distributions; statistical inference using confidence intervals and hypothesis tests; and the analysis of errors in inference. *Students enrolled in this course are required to take the AP Examination. Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, and teacher recommendation.* Students enrolled in this course are strongly recommended to take the AP Examination. Some colleges and universities may give students the opportunity to use this course in place of a freshman mathematics course depending on the score earned on the AP test.

AP CALCULUS AB (3177AB) **Credit: 1**
Prerequisite: Math Analysis or AP Pre-Calculus
Calculus AB AP is designed by the College Board for students who wish to pursue college level studies while still in high school. This course includes a study of differential and integral calculus. Applications are in the context of polynomial, parametric, trigonometric, logarithmic, and exponential functions. Special topics include optimization, curve sketching, related rates, slope fields, accumulation function. Students will use graphing calculators to support their work and facilitate explorations and modeling of the applications studied. A graphing calculator is required. Some work will require the use of a graphing calculator; other work will be done without the use of any calculator. Students enrolled in this course are strongly recommended to take the AP Examination. Some colleges and universities may give students the opportunity to use this course in place of a freshman mathematics course depending on the score earned on the AP test. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, and teacher recommendation.*

AP CALCULUS BC (3177BC) **Credit: 1**
Prerequisite: Calculus AB
Calculus BC AP is designed by the College Board for students who wish to continue their study of college Calculus while still in high school. This course is an extension of the study of differential and integral calculus begun in Calculus AB AP. The techniques include partial fractions, Taylor Polynomials, differential equations, infinite sequences and the series that define functions, trigonometric substitutions, conic functions, parametric equations, polar coordinates, vector-valued functions, and extensions in modeling of applications. Students will use graphing calculators to support their work and facilitate explorations and modeling of the applications studied. A graphing calculator is required. Some work will require the use of a graphing calculator; other work will be done without the use of any calculator. Students enrolled in this

course are recommended to take the AP Examination. Some colleges and universities may give students the opportunity to use this course in place of a freshman mathematics course depending on the score earned on the AP test. Placement *into this course is based on factors that may include one or more of the following: Previous mathematics performance and teacher recommendation.*

AP COMPUTER SCIENCE A (3185) **Credit: 1**
Note: Online Course – Virtual VA
Prerequisite: Algebra II or Algebra II/Trigonometry
The purpose of AP Computer Science A is to lay the foundation for object-oriented programming. Java is used as the vehicle to teach computer science concepts. The focus is more on the concepts and abstract ideas rather than on the syntax. The course is about the design of classes, algorithms, programming techniques and introduction to data structures like arrays and array lists. Students will spend two to three days a week studying the textbook and the rest of the week working on labs. It is expected that the student will have to work outside the classroom-provided-time to master the learning. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman mathematics in college where AP credits are accepted. *Placement into this course is based on factors that may include one or more of the following: Previous mathematics performance, and teacher recommendation.*
For more advanced coursework and opportunities, please refer to the College Now, Aviation Academy, New Horizons, and GSST sections of the Program of Studies, which highlights additional accelerated options available in partnership with local programs and community college.

MUSIC

CONCERT BAND (Brass/Woodwinds) (9296B/9296W) **Credit: 1**
Grade Level: 9, 10, 11, 12
Prerequisite: 8th grade band
This course is designed to help students develop performance techniques of the student's primary instrument. This course is designed for students who demonstrate an average level of technical proficiency on their instrument. The course curriculum is based on the Advanced Level of the Music Standards of Learning published by the Board of Education of the Commonwealth of VA. The student will experience preparation for public performances and will be exposed to all facets of music, both historically and stylistically. All students are expected to attend and participate in public performances unless otherwise directed by the instructor. Students in this class are members of the Concert Band and Marching Band.

SYMPHONIC BAND (BRASS/WOODWINDS) (9232B/9232W) **Credit: 1**
Grade Level: 9, 10, 11, 12
Prerequisite: Audition Required
This course is designed to help students develop performance techniques of the student's primary instrument. This course is designed for students who demonstrate an average level of technical proficiency on their instrument. The course curriculum is based on the Artist Level of the Music Standards of Learning published by the Board of Education of the Commonwealth of VA. Students will experience preparation for public performances and will be exposed to all facets of music, both historically and stylistically. All students are expected to attend and participate in public performances unless otherwise directed by the instructor. Students in this class are members of the Concert Band, Symphonic Band and Marching Band.

PERCUSSION (9244) **Credit: 1**
Grade Level: 9, 10, 11, 12
Prerequisite: 8th grade band
This course is designed to help each student develop performance techniques on his/her primary instrument. The course curriculum is based on the Intermediate and Advanced Levels of the Music Standards of Learning as published by the State Board of Education of the Commonwealth of Virginia. The student will experience preparation for public performances and will be exposed to all types of music, both historically and stylistically. All students are expected to attend and participate in public performances unless otherwise directed by the instructor. The percussion section participates in the Concert Band, Symphonic Band and the Marching Band.

CONCERT CHOIR (9282) **Credit: 1**
Grade Level: 9, 10, 11, 12
Correct choral techniques and fundamental music theory will be studied through the singing of classical and traditional choral music. Folk and popular music styles will also be included. Attendance at all performances is expected unless otherwise directed by the instructor.

SHOW CHOIR (EVOLUTION) (9285) **Credit: 1**
Grade Level: 9, 10, 11, 12
Prerequisite: Audition with the Director
This class is for a select number of students who have a desire to learn more about pop and modern styles of singing. The execution of choreography is necessary in this course. The class is limited to specific numbers in each voice range; therefore, an audition is necessary. Local and out-of-town performances and competitions are part of the curriculum. All performances and rehearsals are compulsory for each student.

CHAMBER CHOIR (9297) **Credit: 1**
Grade Level: 10, 11, 12
This course is an auditioned, advanced vocal ensemble designed for experienced singers seeking a more rigorous choral experience. Students will develop advanced vocal techniques, sight-reading, music theory skills, and ensemble musicianship through the study and performance of classical, contemporary, and multicultural choral literature. Music theory and ear training will be integrated to support musical independence and literacy. Emphasis is placed on musical precision, blend, and artistic expression. Participation in local performances and events is expected unless otherwise directed by the instructor.

CREATING MUSIC FOR THE MODERN ERA (9227) **Credit: 1**
Grade Level: 10, 11, 12
This course introduces students to electronic music production, songwriting, basic music theory, and modern band collaboration. Students will explore digital audio tools, develop original compositions, and work together to create contemporary music. Emphasis is placed on creativity, technology, and teamwork in a hands-on learning environment.

INSTRUMENTAL MUSIC STUDIO (9298) **Credit: 1**
Grades: 10, 11, 12
This course is designed for advanced instrumental students who demonstrate a high level of musical literacy and performance proficiency. It offers opportunities to perform solo recitals and participate in chamber ensembles, while also providing access to masterclasses led by distinguished clinicians. In addition, students will explore potential careers in music and receive guidance in preparing for college auditions.

VOCAL MUSIC STUDIO (9295) **Credit: 1**
Grades: 10, 11, 12
This course is designed for students who wish to develop individual vocal skills in a focused, studio-style setting. This course emphasizes solo performance, healthy vocal technique, and expressive interpretation across a variety of vocal styles, including classical, musical theatre, and contemporary genres. Regular

in-class performances, peer feedback, and participation in local recitals or showcases are key components of the course.

MUSIC THEORY (9225) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Students should have already completed formal performance training in either vocal or instrumental music. This would include any of the vocal and instrumental programs at PHS or the equivalent in private instruction. A pre-test in music theory is required.
This course is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score in preparation for a major in music at the college level.

SCIENCE

ENVIRONMENTAL SCIENCE (4270EV) **Credit: 1**
Grade Level: 9
This course is designed to provide students the opportunity to synthesize information and knowledge of ecological concepts including air, water, soil, biological diversity, human impacts, global climate change, and civic responsibility. Independent reading and laboratory assignments will be required. Inquiry skills are developed through field work and collaborative investigation while using appropriate technology.

ENVIRONMENTAL SCIENCE HONORS (4270EVH) **Credit: 1**
Grade Level: 9
This course is a rigorous first year science course designed to provide students the opportunity to synthesize information and knowledge of ecological concepts including air, water, soil, biological diversity, human impacts, global climate change, and civic responsibility. Students will focus on scientific inquiry, the physical world, the living environment, resource conservation, understanding the interrelationship of the natural world, identifying and analyzing environmental problems both natural and man-made, and evaluating the risks associated with these problems and examining alternate solutions for resolving and/or preventing them. Independent reading and laboratory assignments will be required. Inquiry skills are developed through field work and collaborative investigation while using appropriate technology. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance and teacher recommendation.*

EARTH SCIENCE (4210) **Credit: 1**
Grade Level: 10, 11, 12
Subject content includes in-depth study of the areas of geology, meteorology, astronomy, and oceanography. Independent reading and laboratory assignments will be required. All students taking this course may take the end-of-course SOL test if it is needed for a verified credit or for federal accountability purposes.

EARTH SCIENCE (HONORS) (4210H) **Credit: 1**
Grade Level: 10, 11, 12
Honors Earth Science is a rigorous level high school earth science course designed for the academically motivated student planning to take one or more of the following: Biology (Honors), Chemistry (Honors), AP

Biology, AP Chemistry or Physics. Subject content includes in-depth study of the areas of geology, meteorology, astronomy, and oceanography. The focus will be on independent learning and both the pace and the depth of study will be greater than that of the standard earth science course. All students taking this course may take the end-of-course Earth Science SOL test if it is needed for a verified credit or for federal accountability purposes. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance, and teacher recommendation*.

EARTH SCIENCE II - ASTRONOMY (4260) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Earth Science, Biology or Chemistry
The Astronomy course is an in-depth study of the solar system, its sun, stars, the structure and development of the universe, and the dynamic nature of the cosmos. The course includes investigations of the physical universe, studies of new astronomical discoveries, hypotheses and conclusions regarding new and evolving ideas, and key scientific principles of a vast universe. By emphasizing conceptual learning, investigation of historical and new discoveries and by utilizing technology, the student will gain powerful tools to assist in unlocking the secrets of the universe.

BIOLOGY (4310) **Credit: 1**
Grade Level: 9, 10, 11, 12
Topics include the study of the cell and cell processes, reproduction, taxonomy, and ecology. Independent reading and laboratory assignments will be required. All students taking this course may take the end-of-course Biology SOL test if it is needed for a verified credit or for federal accountability purposes.

BIOLOGY (HONORS) (4310H) **Credit: 1**
Grade Level: 9, 10, 11, 12
Honors Biology is a rigorous level of first year high school biology designed for the academically motivated student planning to take one or more of the following: Chemistry (Honors), AP Biology, AP Chemistry, or science courses at New Horizons Governor's School for Science and Technology. The focus will be on independent learning and both the pace and the depth of study will be greater than that of the standard biology course. Topics of study include biology as a science, living conditions, chemistry of life, cellular structure and function, photosynthesis and respiration, cellular respiration, cellular reproduction, genetics and genetic engineering, evolution and the history of life, classification and kingdom studies, the human body, and ecology. All students taking this course take the end-of-course Biology SOL test if it is needed for a verified credit or for federal accountability purposes. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance, and teacher recommendation*.

BIOLOGY II – TOPICS IN BIOLOGY (AQUATIC AND TERRESTRIAL BIOLOGY) (4320) **Credit: 1**
Grade Level: 11, 12
Prerequisites: Biology
This year-long, laboratory-based science course introduces students to topics of aquatic and terrestrial biology. The course will address water chemistry and physics as a basis for exploring the animal and plant life of our water planet during the first semester and will focus on the characteristics and life cycles of plants during the second semester.

BIOLOGY II - HUMAN ANATOMY & PHYSIOLOGY (4330) **Credit: 1**
Grade Level: 11, 12
Prerequisites: Biology and Chemistry
Co-requisite: Algebra II
Anatomy and Physiology is a study of the structure and function of the human body, from the cellular to the system level. The course is preparation for advanced biological studies, pre-medical studies, biomedical nursing, and other science-based careers. Areas of study include development and use of human body classification skills, physiological study of all major human body systems, exposure to pathological examples which demonstrate homeostatic disruption, bodily functions in a healthy or diseased states, blood typing,

and laboratory exercises to enhance anatomical classification techniques, and review of related terminology. Dissections of various preserved animals and organs are an integral part of this course.

CHEMISTRY HONORS (4410H) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Algebra I
Chemistry is the study of matter and how it changes with other matter. It is a challenging course designed for the college-bound student with above average ability and interest in science. Concepts include data analysis, properties of matter, atomic structure, electron configuration, nuclear chemistry, chemical binding, the mole and related calculations, chemical reactions and equations, stoichiometry, gas laws, energy and pressure changes, solutions, equilibrium, acid and base chemistry, oxidation and reduction reactions, and an overview of organic chemistry. There is a heavy emphasis on problem solving and analytical thinking. Students taking this course may take the end-of-course Chemistry SOL test if it is needed for a verified credit or for federal accountability purposes.

FORENSIC SCIENCE (4420) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Biology, Chemistry
This course is a multidisciplinary laboratory course and will include concepts in chemistry, anatomy, physics, biology, mathematics, statistics, psychology, communications and law. Students will gain an appreciation of scientific concepts that are applied to real world situations. An emphasis will be placed on the role of chemical reactions and techniques used to analyze evidence. There will be a strong focus on problem solving and synthesizing evidence-based conclusions. After learning basic concepts, students will use critical thinking to explore scientific principles through the forensic investigation of crime scenes.

PHYSICS (4510) **Credit: 1**
Grade Level: 11, 12
Corequisite: Advanced Math/Pre-Calculus, Math Analysis/Pre-Calculus Honors or other higher-level math.
This course is designed to explain the interaction of matter and energy. The topics covered in this course include the mechanics of solids, wave mechanics, and nuclear physics. This course is oriented to laboratory experiences and problem solving with much independent work. It provides educational preparation for college or university study in science, medicine, or engineering.

AP ENVIRONMENTAL SCIENCE (4270) **Credit: 1**
Grade Level: 11, 12
Prerequisites: Two years of high school laboratory science; at least one year of Algebra
AP Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The required culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman science courses in college where AP credits are accepted. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance, and teacher recommendation.*

AP BIOLOGY (4370) **Credits: 2**
Grade Level: 11, 12
Prerequisites: Biology and Chemistry (Honors Courses Recommended)
This course is designed to be the equivalent of a college introductory biology course. Primary emphasis is on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: A grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to

environmental and social concerns. Topics covered will include the following: Chemistry of life, cells, cellular energetics, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure and function of plants and animals, and ecology. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman science courses in college where AP credits are accepted. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance, and teacher recommendation.*

AP CHEMISTRY (4470) **Credits: 2**
Grade Level: 11, 12
Prerequisites: Chemistry and Algebra II (Honors Courses Recommended)
AP Chemistry is designed to be the equivalent of the general Chemistry course and lab. Topics include the structure of matter, chemical reactions, thermochemistry, kinetics, advanced equilibrium, oxidation reduction, and descriptive chemistry. Emphasis is placed on mathematical relationships and their application to Chemistry concepts. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman science courses in college where AP credits are accepted. *Placement into this course is based on factors that may include one or more of the following: Previous science and math performance, science SOL performance, and teacher recommendation.*

AP PHYSICS I (4570) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Advanced Math/Pre-Calculus, Math Analysis/Pre-Calculus Honors or other higher-level math
This one-period, non-calculus-based college level physics course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits. Labs are placed throughout the instructional year and students will use TI83's and CBL™ (Calculator-Based Laboratory™) in the lab program materials. The culminating activity required will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman science courses in college where AP credits are accepted. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance, and teacher recommendation.*

AP PHYSICS II (4574) **Credit: 1**
Grade Level: 11, 12
Prerequisite: AP Physics 1
NOTE: Online Course – Virtual VA
This one-period, non-calculus-based college level physics course covers thermodynamics: laws of thermodynamics, ideal gases, and kinetic theory; fluid statics and dynamics; electrostatics: electric force, electric field and electric potential; DC circuits and RC circuits (steady-state only); magnetism and electromagnetic induction; geometric and physical optics; and quantum physics, atomic, and nuclear physics. Labs are placed throughout the instructional year and students will use TI83's and CBL™ (Calculator-Based Laboratory™) in the lab program materials. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman science courses in college where AP credits are accepted. *Placement into this course is based on factors that may include one or more of the following: Previous science performance, science SOL performance, and teacher recommendation.*

SPECIAL EDUCATION SERVICES

RESOURCE (7860) **Credit: 1**
Grade Level: 9, 10, 11, 12
Credit: As defined by IEP placement
The resource program for identified adolescents provides environmental structure and opportunities for individual prescriptive learning. Emphasis is placed on diagnosis and remediation in areas that include sensory-motor integration, perceptual motor skill, language development, and conceptual and social skills. A tutorial approach is used in remediation of deficit areas in conjunction with a multi-sensory approach to learning. This program also provides an opportunity for students to receive emotional support while being taught constructive ways of expressing feelings, venting frustrations, and negotiating with adults and peers in an effective way. Social skills are taught in a structured, yet supportive, classroom setting. This course may be repeated if dictated by the IEP.

RESOURCE MATH (7864) **Credit: 1**
RESOURCE MATH II (7866) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course is designed for the student with an IEP who is working toward meeting the requirements for the Standard Diploma. Topics include measurement, money, and other skills necessary for practical living and job success. The course may be repeated if dictated by the IEP. Teacher Recommendation.

RESOURCE ENGLISH (7862) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course is designed for the student with an IEP who is working toward meeting the requirements for the Standard Diploma. Topics include reading, writing, and speaking skills for practical living and job success. The course may be repeated if dictated by the IEP. Teacher Recommendation

RESOURCE SCIENCE/HISTORY SOCIAL SCIENCES (7867) **Credit: 1**
Grade Level: 9, 10, 11, 12
This course is designed for the student with an IEP who is working toward meeting the requirements for the Standard Diploma. Topics include plant studies, earth science, geography, government, and history skills. This course may be repeated if dictated by the IEP.

JOB COACH (7887) **Credit: 1**
Grade Level: 9, 10, 11, 12
Students will develop the ability to complete job applications accurately, develop resumes, enhance job interviewing skills, and complete a job search. Students will participate in community-based work experience to develop vocational job-keeping skills such as following given instructions, requesting assistance, working independently, completing job duty responsibilities, and acquiring social skills. Students will explore their career interests by understanding the skills and abilities required for specific jobs. The goals of the program are for students to gain employment readiness skills and to be successful in future competitive employment opportunities. The course meets for two periods.

CONSUMER MATH (3128) **Credit: 1**
CONSUMER MATH II (3129) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Two math credits, Teacher Recommend.
This course is designed for the student with an IEP. Topics included will be 8th grade math SOL objectives, personal finance and practical math skills.

ADAPTED COURSEWORK (7899A) **Credit: 0**
ADAPTED ART (9121) **Credit: 0**
ADAPTED MUSIC (7873) **Credit: 0**
ADAPTED PE (7700) **Credit: 0**
Grade Level: 9, 10, 11, 12
Developmental Support courses are customized according to each student's condition and needs, emphasizing an increase in skill or control of body and mind function. Placement is determined by the IEP and may be repeated if dictated by the IEP.

LIFE SKILLS (7868) **Credit: 1**
Grade Level: 9, 10, 11, 12
Credit: As defined by IEP Placement
This is a course designed for identified students to work on basic life skills. Students are exposed to topics including safety, cooking, personal care, money use, and leisure activities. Placement is determined by the IEP.

Poquoson High School Transition Services
Poquoson High School offers an array of Transition Services to meet the needs of students who will be transitioning into the workforce or into community agencies after high school. These services are mostly intended for special education students and are designed to assist students in developing appropriate career goals, work habits and on-the-job skills. These services may include vocational evaluations, work adjustment training, and/or job coach training within the community, through NHREC, or in collaboration with private providers. Participating students must meet eligibility criteria. Placement is determined by the IEP.

TECHNOLOGY EDUCATION

TECHNICAL DRAWING/DESIGN (8435) **Credit: 1**
Grade Level: 9, 10. 11, 12
This course is recommended for students interested in engineering, architecture, or other technical careers. Students solve problems using sketching, basic drafting techniques, dimensioning, geometry, multi-view and pictorial drawing and models or prototypes. Students will learn to use CAD (Computer Aided Design) software programs in this course.

ENGINEERING/DRAWING (8436) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Technical Drawing/Design (8435)
Students explore the engineering design process and use a graphic language for product design, technical illustration, assembly, patent, and structural drawings. They increase their understanding of drawing and the design process and techniques learned in the prerequisite course. Students use computers, calculators, and descriptive geometry and adhere to established standards to solve design problems.

ARCHITECTURAL DESIGN (8437) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Technical Drawing/Design (8435)
Students explore architectural design foundations and increase understanding of working drawings, construction techniques, and codes regulating building design. They learn the design process and apply the elements and principles of design to architectural projects. Through producing models and illustrations of all aspects of a building, students create architectural design solutions using CADD (computer aided drafting and design).

ADVANCED TECHNICAL DRAWING (8438) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Engineering Drawing/Design (8436) or Architectural Drawing/Design (8437)
Students use a graphic language for product design and technical illustration. They increase their understanding of drawing techniques learned in the prerequisite course. They research design-related fields while identifying the role of advanced drawing and design in manufacturing and construction industry processes. They apply the design process, analyze solutions, reverse engineer products, create 3-D solid models using CAD, construct physical models, and create multimedia presentations of finished designs. They complete a work portfolio based on a chosen graphic project.

ELECTRONIC SYSTEMS I (8416) **Credit: 1**
Grade Level: 9, 10, 11, 12
Prerequisite: Algebra I
Dual Enrollment: Course is taught online by instructors from ECPI University
This course engages students in electricity and electronic experiments that focus on the applications of scientific theories and mathematics principles. Students solve problems using simple electrical devices and circuits and build electronic projects using DC and AC devices and circuits.

ELECTRONIC SYSTEMS II (8412) **Credit: 1**
Grade Level: 10, 11, 12
Prerequisite: Electronic Systems I (8416)
Students work with electronic devices, instruments, and circuits, building projects to apply theories and laws with electronic components such as resistors, capacitors and transistors. They also study integrated circuits used in computers, amplifiers, television, and other equipment.

TRADE & INDUSTRY EDUCATION

CRIMINAL JUSTICE I (8702) **Credit: 1**
Grade Level: 10, 11, 12
Students are introduced to the legal foundations and processes, and the principals, techniques and practices for exploring careers within the criminal justice system such as a police officer, firefighter, emergency dispatcher, crime scene investigator, forensic technician, security guard, court reporter, paralegal, attorney, emergency management director, or probation officer.

CRIMINAL JUSTICE II (8703) **Credit: 1**
Grade Level: 11, 12
Prerequisite: Criminal Justice I
The is the follow-up course to Criminal Justice I. Students explore the occupations, activities and procedures involved in the criminal justice system at a deeper level. Major units of study include crime prevention; search and seizure; juvenile justice system; court proceedings; criminal investigations; crime science investigations; patrol procedures; security from public and private agencies; laws of arrest; criminology; and criminal law and forensic science. Careers are also explored at a deeper level within in the criminal justice system such as criminal justice system such a police officer, firefighter, emergency dispatcher, crime scene investigator, forensic technician, security guard, court reporter, paralegal, attorney, emergency management director, probation officer, private investigator, or paramedic.

VIRTUAL VIRGINIA

As a program of the Virginia Department of Education, Virtual Virginia (VVA) offers online Advanced Placement (AP), world language, core academic, and elective courses to students throughout the Commonwealth and nation. VVA is committed to providing high-quality, rigorous course content with the flexibility to meet schools' and students' varied schedules. The program strives to provide instruction that meets the individual needs of students. Virtual learning is the new frontier in today's educational institutions. The technology of the 21st century provides a unique opportunity for educators to reach students who want the experience of online courses.

For more information, go to:
https://www.doe.virginia.gov/parents-students/for-students/graduation/policy-initiatives/early-college-scholars-program. See your school counselor for more information.

WORLD LANGUAGE

FRENCH I (5110) **Grades 9-12** **Credit: 1**
GERMAN I (5210) **Grades 9-12** **Credit: 1**
SPANISH I (5510) **Grades 9-12** **Credit: 1**

Emphasis is placed on listening and speaking skills in the target language. Reading and writing are introduced. Students learn conversational dialogue based on everyday situations. These basic speech patterns are further reinforced with grammar drills.

FRENCH II (5120) **Grades 9-12** **Credit: 1**
GERMAN II (5220) **Grades 10-12** **Credit: 1**
SPANISH II (5520) **Grades 9-12** **Credit: 1**
Prerequisite: Level I

Greater emphasis is placed on the reading and writing of the target language. Cultural material is presented, and there is more freedom of expression, both oral and written.

FRENCH III (5130) **Grades 10-12** **Credit: 1**
GERMAN III (5230) **Grades 11-12** **Credit: 1**
SPANISH III (5530) **Grades 9-12** **Credit: 1**
Prerequisite: B or higher on Level II

Short stories are introduced. Oral presentations are expected and reading and writing in the world language become more varied. The target language will be used the majority of the time. Students must be willing to speak in class, as a participation grade is given.

FRENCH IV HONORS (5140) **Grades 10-12** **Credit: 1**
GERMAN IV HONORS (5240) **Grades 10-12** **Credit: 1**
SPANISH IV HONORS (5540) **Grades 10-12** **Credit: 1**
Prerequisite: Level III

A student who has successfully completed three years of formal study is encouraged to take this additional year to further strengthen skills in the four strands of listening, speaking, reading, and writing before taking the Advanced Placement course. Students will also seek to better understand the people of the French/German/Spanish speaking world and their ways of life. There will be a variety of activities used to develop listening, speaking, reading, and writing skills.

AP FRENCH LANGUAGE (5170) **Grades 11-12** **Credit: 1**
Prerequisite: Level IV
AP SPANISH LANGUAGE (5570) **Grades 11-12** **Credit: 1**
Prerequisite: Level IV May be offered online.

Advanced Placement – Oral skills and composition are stressed. Emphasis is placed on using the target language for active communication and includes the following objectives:

- The ability to comprehend formal and informal spoken language
- The acquisition of vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles as well as modern language literature
- The ability to compose expository passages
- The ability to express ideas orally with accuracy and fluency

This course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines rather than to the mastery of any specific subject matter. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman language courses in college where AP credits are accepted.

AP SPANISH LITERATURE & CULTURE (5580) **Credit: 1**
Grade Level: 11, 12
Prerequisite: AP Spanish Language or a passing score on the AP Spanish Language Exam
Students who have advanced language skills will be introduced to the formal study of a representative body of literary texts in Spanish. They will participate actively in discussions on literary topics, as well as formulate and express critical opinions and judgments while using correct oral and written language. In addition, emphasis will be placed on the critical analysis of the form and content of selected literary works. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman language courses in college where AP credits are accepted.

AMERICAN SIGN LANGUAGE I (5990) **Credit: 1**
Grade Level: 9 – 12
This course introduces ASL grammar and vocabulary. Students will also learn the ASL fingerspelling system. Emphasis is placed on communicating in American Sign Language and the cultural context in which American Sign Language occurs.

LATIN I (5310) Grades 9-12 **Credit: 1**
CHINESE I (5810) Grades 9-12 **Credit: 1**
ARABIC I (5010) Grades 9-12 **Credit: 1**
NOTE: Online Course – Virtual VA
Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills – listening, speaking, reading and writing – with emphasis on the ability to communicate orally and in writing.

LATIN II (5320) Grades 9-12 **Credit: 1**
CHINESE II (5820) Grades 9-12 **Credit: 1**
ARABIC II (5020) Grades 9-12 **Credit: 1**
Prerequisite: Level I
NOTE: Online Course – Virtual VA
Students continue to develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. At intermediate low-proficiency level, students begin to expand their study on new themes of Personal and Family Life, School Life, Social Life, and Community Life while some familiar themes and topics from level I may recur at the same time.

LATIN III (5330) Grades 9-12 **Credit: 1**
CHINESE III (5830) Grades 9-12 **Credit: 1**
Prerequisite: Level II
NOTE: Online Course – Virtual VA
Students continue to develop and refine their proficiency in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to interact orally and in writing. They communicate using more complex language structures on a variety of topics, moving from concrete to more abstract concepts.

LATIN IV HONORS (5340) Grades 10-12 **Credit: 1**
CHINESE IV HONORS (5840) Grades 10-12 **Credit: 1**
Prerequisite: Level III
NOTE: Online Course – Virtual VA
Continuing the exploration of language, students continue to develop and refine their proficiency in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to interact orally and in writing. The spiral character of the theme-based instruction requires students to demonstrate their communicative skills and sophistication at a new developmental level.

AP LATIN: VERGIL (5380) **Credit: 1**
Grades 11, 12
Prerequisite: Latin I, II, and III - required, Latin IV recommended
NOTE: Online Course – Virtual VA
The Advanced Placement Latin Literature offering requires students to be able to translate accurately from Latin into English the poetry or prose they are reading and to demonstrate a grasp of grammatical structures and vocabulary. Stylistic analysis is an integral part of the advanced work in Advanced Placement Latin Literature. Students will study the poetry of Catullus paired with selections from Ovid. Students will be able to read and understand Latin poetry and prose at sight and will be able to understand and analyze passages from these authors. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman language courses in college where AP credits are accepted.

AP CHINESE LANGUAGE & CULTURE (5860) **Credit: 1**
Grades 11-12
Prerequisite: Chinese I, II, III – required, Chinese IV recommended
NOTE: Online Course – Virtual VA
This course is a rigorous college level course equivalent to a fourth semester college course in Mandarin Chinese. Students will demonstrate proficiency in presentational, interpersonal and interpretive communication through listening, speaking, reading and writing; explore contemporary and historical Chinese cultures; study a variety of themes related to the Chinese Language and Culture as outlined by the College Board; broaden their global perspectives and compare Chinese cultures with their own environment. The culminating activity will be a three-hour examination provided by the College Board Testing Service. Successful completion of this examination affords the student the opportunity to apply advanced credits toward freshman language courses in college where AP credits are accepted.

AVIATION ACADEMY

Poquoson City Public Schools, in partnership with Newport News Public Schools, is offering students the opportunity to take courses in the Aviation Academy program.

WHAT IS THE AVIATION ACADEMY?

The Aviation Academy (AA) is a magnet program offered to students in Newport News Public Schools (NNPS). Through a partnership with NNPS, Poquoson High School students will be able to participate in classes that are taught through the AA program. PHS students will remain PHS students and will travel to and from the AA for the AA classes and take the remainder of their classes at PHS.

The AA is a specialized program designed to prepare highly-motivated and successful high school students for a rewarding and well-paying career in and around the field of Aviation and STEM. The standards are high at the AA, and every effort is made to provide a caring, disciplined environment where students are given the opportunity to excel and reach their goals. Courses provide challenging subject material to enhance students' reading, writing, science and math skills through student-centered activities.

FOR MORE INFORMATION ON THE AVIATION ACADEMY, visit
https://www.poquoson.k12.va.us/families/academic-partnerships

AVIATION ACADEMY PATHWAYS AND COURSES					
Program Area	**9**	**10**	**11**	**12**	**Possible Career**
Aviation Technology	Aerospace Technology I	Aerospace Technology II	Aviation Maintenance Technology I*	Aviation Maintenance Technology II* (Honors)	• Avionics Technician • Aircraft Mechanic • Airplane Inspector
Aerospace Engineering	Intro to Engineering Design-Aerospace	Digital Electronics (Honors)	Aerospace Engineering	Engineering Design & Development –Capstone (Honors)	• Aerospace Engineer • Electrical Engineer • Mechanical Engineer
Flight Operations	Aircraft Pilot Training I	Aircraft Pilot Training II* (Honors)	Aviation Operations Management*	Air Traffic Control* (Honors)	• Pilot, Copilot • Aviation Program Manager • Air Traffic Controller
Aviation Security & Safety	Criminal Justice in Aviation I	Criminal Justice in Aviation II* (Honors)	Public Safety in Aviation I	Public Safety in Aviation II* (Honors)	• EMT • Firefighter • Lawyer • Detective/Police Officer • Compliance Officer

**indicates a double block class (students would travel to the AA program on both A and B days)*

SAMPLE COURSE SEQUENCE			
9th grade	*10th grade*	*11th grade*	*12th grade*
Math	Math	Math	Math
Science	Science	Science	Science
English	English	English	English
Social Studies	Social Studies	Social Studies	Social Studies
PE/Health 9	PE/Driver's Ed 10	Elective*	Elective*
Elective*	Elective*	AA Course	AA Course
AA Course	AA Course	Elective* or AA Course	Elective* or AA Course

**World Language courses are considered elective options in this chart*

AEROSPACE ENGINEERING (AV1130) **Credit: 1**
Grade(s) 11, 12
This course propels students' learning in the fundamentals of atmospheric and space flight. AS they explore the physics of flight, students bring concerts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

AEROSPACE TECHNOLOGY I (AV1210) **Credit: 1**
Prerequisites: None
Grade: 9, 10, 11, 12
This course is designed to be an introduction with basic knowledge of the career field of aerospace. Students will learn about the history of aviation, principles of flight, careers in aviation and aerospace.

AEROSPACE TECHNOLOGY II (AV1220) **Credit: 1**
Prerequisites: None
Grade Level: 10, 11, 12
This course is designed to introduce students to aviation composites and materials for structure. Students will explore design features of aircraft through drawings and blueprints, aircraft materials and processes, weight and balance procedures, and fluid lines and fittings.

AVIATION MAINTENANCE TECHNOLOGY I (AV1230) **Credit: 1**
Prerequisites: Physics
Grade Level: 10, 11, 12
This Airframe and Powerplant Technician General course is the first segment of training as an aviation maintenance technician. Students will learn the basic terms, concepts and procedures that serve as the foundation for the more complex lessons to come. Students will obtain an understanding and hands-on experience in mathematics, basic physics, mechanical privileges and limitations, maintenance publication, maintenance forms and records, basic electricity and ground operations and servicing. AV1230 is required for General Maintenance Technician courses to be successfully completed before starting the Airframe and Powerplant courses for certification. Max enrollment: 20 students. *Double Blocked*

AVIATION MAINTENANCE TECHNICIAN TECHNOLOGY II WITH LAB HONORS (AV1250) **Credit: 1**
Prerequisites: Physics
Grade Level: 10, 11, 12
This Airframe and Powerplant Technician General Course is the other segment of training as an aviation maintenance technician. Students will learn the basic terms, concepts, and procedures that serve as the foundation and hands-on experience in aircraft drawings, weight and balance, fluid lines and fittings, materials and processes, and cleaning and corrosion. AV1240 is required for the General Maintenance Technician courses to be successfully completed before starting the Airframe and Powerplant course for certification. Max enrollment: 20 students. *Double Blocked*

AIRCRAFT PILOT TRAINING I (AV1310) **Credit: 1**
Prerequisites: None
Grade Level: 10, 11, 12
Students will obtain knowledge necessary to complete the FAA Private Pilot Airplane Written Examination. There are flight simulation lessons that support the ground lessons. This course covers Aerodynamic Principles, Powerplant and Related Systems, Flight Instruments Aircraft Performance, Weather Theory, Weather Reports and Forecasts, Federal Aviation Regulations, National Transportation Safety Board, VFR Charts, Airspace, Airport Markings and Operations, Radio Communication, Pilot age and Dead-reckoning Navigation, Radio Navigation, Flight Planning, and flight Physiology, as well as hands-on activities. Max enrollment: 20 students.

AIRCRAFT PILOT TRAINING II (HONORS) (AV1350) **Credit: 1**
Prerequisites: Aircraft Pilot Training I
Grade Level: 11, 12
Students continue their pursuit in learning more about the pilot career and build on prior information learned in the Aviation Pilot Training I course. Students participate in flight training, ground school, and simulator instruction to support the flight syllabus while studying meteorology, aerodynamics, navigation, physiology, airfield and flight environments, aircraft maneuvers, and aircraft weight and balance.

AIR TRAFFIC CONTROL (HONORS) (AV1360) **Credit: 1**
Prerequisites: Any aviation course
Grade Level: 10, 11, 12
This course will help students understand the skills necessary and the importance of ensuring a smooth flow of air traffic arriving and departing from an airport. Students will experience the role of Air Traffic Controllers in the operation and management of airports, as well as training and career opportunities in this field. Instruction will take place on Function and History of Air Traffic Control, Duties and Responsibilities, Military Air Traffic Control, Meteorology, Emergency situations and other related topics. Knowledge will be obtained related to passing the FAA Air Traffic Control exam. *Double Blocked*

AIRPORT OPERATIONS/MANAGEMENT (AV1330) **Credit: 1**
Prerequisites: Previous aviation course
Grade Level: 10, 11, 12
This course is designed to provide students with an understanding of the role of the airport manager in the management, administration, financing, and operating of small, medium, and large airports. Instruction will introduce the students to the many careers involved in this field such as security, marketing and other business skills. This course is also designed to provide students with an understanding of the role of the airline's manager in relation to management, administration, financing, and operation of an airline. Students will be introduced to flight scheduling, routes and hubs, crew scheduling, safety, customer service, fleet management and ground support operations, aircraft maintenance and engineering, accident investigations as well as other topics. *Double Blocked*

CRIMINAL JUSTICE IN AVIATION I (AV1410) **Credit: ½ Credit per semester**
Prerequisites: None
Grade Level: 10, 11, 12
Students are introduced to the legal foundations and processes, and the principles, techniques, and practices for exploring careers within the criminal justice system. The course then introduces students into several Aviation related professions and organizations.

CRIMINAL JUSTICE IN AVIATION II HONORS (AV1450) **Credit: 1**
Prerequisites: Criminal Justice In Aviation I
Grade Level: 10, 11, 12
Students learn the legal foundations and processes, principles, techniques, and practices for exploring careers within the criminal justice system and the history of terrorism in the United States. Students combine classroom instruction with supervised, practical experiences throughout the school year and relate to several aspects of Aviation and Aerospace. *Double Blocked*

DIGITAL ELECTRONICS (HONORS) **Credit: 1**
Prerequisites: Introduction to Engineering Design-Aviation
Grade Level: 10, 11, 12
From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic, and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

ENGINEERING DESIGN AND DEVELOPMENT - CAPSTONE (AV0330) **Credit: ½ Credit per semester**
Prerequisites: Aerospace Engineering
Grade Level: 12
The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution. Ultimately students will present their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards. By completing the EDD, students will be ready to take on any post-secondary program or career.

INTRODUCTION TO ENGINEERING DESIGN – AEROSPACE (AV1110) **Credit: ½ Credit per semester**
Prerequisites: None
Grade Level: 9, 10, 11, 12
Students dig deep into the engineering process, applying math, science and engineering standards to hands-on projects. They 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.

PUBLIC SAFETY IN AVIATION I (AV0000) **Credit: ½ Credit per semester**
Prerequisites: None
Grade Level: 9, 10, 11, 12
Students perform procedures related to law enforcement and firefighting occupations including: learning the history of the criminal justice system; policing skills; the rule of law; crime scene investigation; the role of the courts; communication systems; first aid and CPR techniques; protective devices (i.e. sprinklers); the history and fundamentals of the fire service; rescue procedures; and procedures for using personal protective equipment (PPE), the self-contained breathing apparatus (SCBA), water supply, hoses, and nozzles as it pertains to aircraft, airports, and airfields.

PUBLIC SAFETY IN AVIATION II HONORS (AV0001) **Credit: 1**
Prerequisites: Public Safety in Aviation I
Grade Level: 9, 10, 11, 12
Students must be at least 16 years of age by the first day of the course offering)
Students perform procedures related to law enforcement and firefighting occupations including: Learning policing; the rule of law; the role of the courts, including juvenile justice; the history and fundamentals of fire service; fire behavior; building construction; ventilation; salvage, overhaul, and cause of fire; the value of fire prevention and public fire education programs; fire suppression techniques; forcible entry methods; HazMat standards; and equipment related to firefighting and criminal justice as it pertains to aircraft, airports, and airfields.

COLLEGE NOW

Poquoson City Public Schools (PCPS) is dedicated to meeting the diverse academic needs of our students through robust advanced coursework options. Currently, we offer a selection of dual enrollment courses taught by our highly qualified PCPS staff. Over the next several years, we will expand the range of in-house dual enrollment opportunities available to students.

For students seeking courses not provided in-house, PCPS staff will collaborate with them to explore additional options through our established partnerships, including Virginia Peninsula Community College, Virtual Virginia, and other approved platforms. These flexible pathways ensure that every student has access to high-quality learning experiences that align with their academic goals.

PCPS will work with students to determine the pathway most appropriate on a case-by-case basis. Below is a comparison between taking individual dual enrollment classes, the Passport program, receiving a Uniform Certificate of General Studies (UCGS), or receiving a transferable associate degree.

	Individual Classes	Passport	Uniform Certificate of General Studies (UCGS)	Transfer Associate Degree
Overview	Taking community college classes that look interesting, fun, and/or fulfill a high school requirement.	The Passport is a package of 5 courses, where students can select classes from an approved list of options.	The UCGS is as package of 10 courses, where students can select classes from an approved list of options.	A transfer associate degree is a program of at least 60 credits.
Credits Earned	Varies	16 credits	31-21 credits	60+ credits
Subjects Covered	Varies	Written Communication Social/Behavioral Science Natural Science Math Arts/Humanities/History	Written Communication Social/Behavioral Science Natural Science Math Arts/Humanities/Literature History Additional General Education	UCGS subjects, plus remaining pre-major and major requirements, and electives
Things to Know	Not all courses will transfer and/or fulfill general education requirements at a 2- or 4-year college. Work with your counselor to determine transferability.	The Passport is embedded in the UCGS. It must be taken as a package, with a grade of C or higher in each course, to transfer in full. Passport packages will transfer to all public and most private Virginia 4-year institutions and fulfill 16 credits towards general education requirements. This is a great option for students who are unsure if they'll pursue the full UCGS or transfer associate degree.	The UCGS is embedded in the transfer associate degree. It must be taken as a package, with a grade of C or higher in each course, to transfer in full. The UCGS will transfer to all public and most private Virginia 4-year institutions and fulfill 31-32 credits towards general education requirements. This is a great option for students who are unsure if they'll pursue the full transfer associate degree.	The transfer associate degree fulfills many general education, pre-major, and major requirements at all public 4-year and most private 4-year schools in Virginia.

The courses outlined here are available for the 2026-27 school year, with plans to expand offerings annually in collaboration with our local community college. For a complete list of courses available through VPCC, please visit their website.

VPCC requires a cumulative HS GPA of 3.0 or higher, or an Evidence-Based Reading and Writing (ERW) SAT Score of 480 or higher, or an ERW PSAT score of 390 or higher. Other factors that may determine placement in courses include teacher recommendation, completion of the Virginia placement test through VPCC, and acceptance into the VPCC program.

Dual Enrollment (DE) Course Participation Requirement
Students enrolled in Dual Enrollment (DE) courses must complete the full course and all associated requirements, including any assessments or college-level assignments, as outlined by the partnering postsecondary institution or division. As tuition and associated fees are fully covered by the division, successful completion of the course is mandatory. Students who do not complete a DE course without documented extenuating circumstances approved by school administration will not be permitted to enroll in future Dual Enrollment courses.

Please note that VPCC may utilize textbooks that are outside of the PCPS purview. VPCC grades will be updated in PowerSchool at the end of each semester and can be monitored via Canvas from the VPCC courses. Quarterly grades will not appear on report cards.

COLLEGE SUCCESS SKILLS **No HS Credit**
SDV 100 (1 credit for VPCC)
Required for students enrolled in College Now and recommended for students pursuing a Passport or UCGS seal, this course assists students in transition to colleges. Provides overviews of college policies, procedures, and curricular offerings. Encourages contacts with other students and staff. Assists students toward college success through information regarding effective study habits, career and academic planning, and other college resources available to students. May include English and Math placement testing. This course is required for those pursuing an associate's degree through our College Now partnership with VPCC.
*If pursuing an associate's degree or the UCGS, it is recommended that this course be taken the summer prior to taking DE courses.

DUAL ENROLLMENT ENGLISH: COMPOSITION (1150DE) **Credit: 2**
Grade Level: 11, 12
Prerequisites: AP Seminar, **Teacher Recommendation**
This course is offered at Poquoson High School and in conjunction with Virginia Peninsula Community College (VPCC) and satisfies the PHS English 11 OR English 12 requirement. Upon successful completion of both English 111 and English 112, students will earn two high school English credits (for either English 11 or English 12), with each course recorded and weighted separately on the high school transcript. Students must complete both courses to receive high school English credit. Students who successfully complete the courses will earn three college credits each for English 111 and English 112. Students must also enroll in English 111 - English Composition I and English 112 - English Composition II on the VPCC website. Students who successfully complete the courses will earn three college credits each for English 111 and English 112.
English 111 and English 112 must be taken in sequence with successful completion of English 111 before being enrolled in English 112. This course will develop writing ability for study, work and other areas of writing based on experience, observation, research and reading of selected literature. Supports writing by integrating experiences in thinking, reading, listening, and speaking.

Students will be involved in a comprehensive review of grammar, mechanics, and composition skills as needed for success in post-high school writing endeavors. Seniors will closely follow the curriculum offered at VPCC. Emphasis will be placed on critical thinking, speaking and writing skills. Students will be required

to write multiple essays and learn to apply MLA formatting and citation. All DE classes will use the PCPS grading scale.

DUAL ENROLLMENT ENGLISH: LITERATURE (1160DE) **Credit: 2**
Grade Level: 12
Prerequisite: DE English Composition
This course is offered at Poquoson High School and in conjunction with Virginia Peninsula Community College (VPCC) and satisfies the PHS English 12 requirement. Students must also enroll in English 245 (British Literature) and English 225 (Reading Literature: Culture and Ideas) on the VPCC website. Students who successfully complete the courses will earn three college credits *each* for English 245 and English 225. English 245 and English 225 must be taken in sequence with successful completion of English 245 before being enrolled in English 225. Upon successful completion of both English 225 and English 245, students will earn two high school English 12 credits, with each course recorded and weighted separately on the high school transcript. Students must complete both courses to receive high school English credit. This course will develop writing ability for study, work and other areas of writing based on experience, observation, research and reading of selected literature. Supports writing by integrating experiences in thinking, reading, listening, and speaking.

This course examines British literary traditions through a set of texts connected by shared themes, exploring works from diverse time periods, genres, and authors. Students will develop critical thinking and interpretive skills through close reading, discussion, and intertextual analysis of literature within its historical, cultural, social, and literary contexts. Emphasis is placed on understanding how cultural ideas shape and are shaped by literary expression. Students will be required to write multiple essays and learn to apply MLA formatting and citation. All DE classes will use the PCPS grading scale.

DUAL ENROLLMENT EARTH SCIENCE II – OCEANOGRAPHY (4250H/DE) **Credit: 2**
Grade Level: 12
Prerequisite: Environmental Science or Biology; GOL 111 if enrolling in GOL 112
Recommended: DE Geology
This course is offered at Poquoson High School and in conjunction with Virginia Peninsula Community College. Students are enrolled in GOL 111, GOL 112 and Oceanography Honors. Students who successfully complete the courses will earn four college credits for GOL 111 and GOL 112. GOL 111 and GOL 112 must be taken in sequence. Prerequisite of a "C" or better in two science courses at Poquoson High School. Students are required to take and pass the Virginia Placement Test through VPCC.

Oceanography is a laboratory-oriented course in which students are involved in an in-depth study of the physical, chemical, geological and biological aspects of the oceans. Students take a journey through the ocean world. Field studies and investigations of local, regional, and national issues and concerns are components of the course. Students will explore the relationships of oceanography to their interests, to career opportunities, and to the historical contributions of science. Topics include oceanographic instruments; the chemistry of sea water; ocean sediments; weather and climate; waves, tides and currents; life in the oceans; habitats; maritime hermitage; and current issues created by the interaction of science and technology.

DUAL ENROLLMENT PHYSICAL and HISTORICAL GEOLOGY (4380DE) **Credit: 2**
Grade Level: 11, 12
Prerequisite: Environmental Science or Biology
This course is offered at PHS and in conjunction with Virginia Peninsula Community College. Students are enrolled in GOL 105, GOL 106 and Physical Geology Honors. Students who successfully complete the courses will earn four college credits for GOL 105 and GOL 106. GOL 105 and GOL 106 must be taken in sequence. Prerequisite of a "C" or better in two science courses at PHS.

Physical Geology/Historical Geology introduces students to the science of physical geology, focusing on Earth's structure, composition, and the processes that shape its environments, such as plate tectonics and geomorphology. Through analyzing data, students enhance critical thinking and gain insight into geologic features and hazards. GOL106 builds on this foundation by exploring Earth's history, the solar system's origins, and the evolution of life and environmental conditions. Both courses encourage observational skills and open pathways for further study in geology.

DUAL ENROLLMENT MUSIC APPRECIATION (9226DE) **Credit: 1**
Grade Level: 11, 12
Explores the language of music through an introduction to basic elements, forms and styles across time. Acquaints students with composers' lives and influential creative individualities, discovering representative works and milestones in western society. Develops techniques for listening analytically and critically. Reviews historical development and significance of art music within the context of evolving societal structures. This is a Passport and UCGS transfer course.

DUAL ENROLLMENT US HISTORY (2319DE) **Credit: 2**
Grade Level: 11
Prerequisite: AP US History
Upon successful completion of course requirements and the course itself, students may earn college credit through the Virginia Community College System. History 121 and History 122 must be taken in sequence with successful completion of History 121 before being enrolled in History 122. Upon successful completion of both History 121 and History 122, students will earn two high school U.S. History credits, with each course recorded and weighted separately on the high school transcript. Students must complete both courses to receive high school U.S. History credit. Students who successfully complete the courses may earn college credit through the Virginia Community College System. Students will gain a broad, connective understanding of United States history that will allow them to understand and participate in a rapidly changing world both domestically and internationally. Students will do the work of historians, including but not limited to, research, synthesis & analysis, writing, proper citation of sources (specifically and explicitly with the Chicago Manual of Style) and historiography. Many of the skills students will learn and demonstrate in this course apply to other courses, particularly other Social Studies and English based courses. Students will leave this course as strong writers.

DUAL ENROLLMENT SPANISH V (5550DE) **Credit: 2**
Grade Level: 11, 12
Prerequisite: Spanish IV
This course is offered at Poquoson High School and in conjunction with Virginia Peninsula Community College. Students are enrolled in Spanish V Honors, Spanish 201 – Intermediate Spanish I and Spanish 202 – Intermediate Spanish II. Students who successfully complete the courses will earn three college credits for Spanish 201 and Spanish 202. Spanish 201 and Spanish 202 must be taken in sequence to earn the dual enrollment credit. Students will continue to focus on the four skill areas of listening, speaking, reading, and writing. Students will hone specific skills such as argumentation and debate, as well as appreciation and analysis of a variety of media. The course will have a focus on how proficient students are when applying the language to the real world. Students will work with movies, music, literary texts, and internet sources to accomplish these goals.

DUAL ENROLLMENT VIRGINIA TEACHERS FOR TOMORROW (VTFT) I (9062) **Credit: 1**
Grade Level: 11, 12
Prerequisite: 3.0 GPA and application required
This course introduces juniors and seniors to a career in teaching and education. The primary elements of the curriculum components are the learner, the school, the teacher and teaching. The components are intentionally broad in scope and provide a great deal of flexibility based on the career interest of the student. In addition to the fundamental curriculum components, all students are required to observe and participate in an internship outside the VTFT classroom. The internship may be done from the preschool level through 12th grade.

DUAL ENROLLMENT VIRGINIA TEACHERS FOR TOMORROW (VTFT) II (9072) **Credit: 1**
Grade Level: 12
Prerequisite: VTFT I
Students continue to explore careers in the education and training cluster and pathways. This course provides the opportunity for students to prepare for careers in education as they research postsecondary options, learn about the process of teacher certification in Virginia, and participate in a practicum experience.

GOVERNOR'S SCHOOL FOR SCIENCE AND TECHNOLOGY

Dedicated to Developing Academic and Leadership Talent in Science and Technology

The Governor's School for Science and Technology at New Horizons Regional Education Center is operated by Gloucester, Hampton, Newport News, Poquoson, Williamsburg-James City County, and York County Schools and has restructured its curriculum to provide a cohesive, innovative science and mathematics program which:

- Embraces quality programming standards for gifted students recommended by the Virginia Department of Education and the National Association for Gifted Children.
- Provides a cohesive sequence of courses in science, research, and mathematics.
- Provides opportunities for social peer interaction, as well as career and college guidance.
- Provides leadership education and opportunities throughout the program.

Multifaceted, Rigorous Academics

The Governor's School is a two-year, half-day program for 11th and 12th graders. Students will select a strand as the focus for their Governor's School experience. Each strand provides a unique emphasis on both the science subject matter and associated career fields. Students will be able to participate in one of the following three strands:

- Engineering Strand
- Biological Science Strand
- Scientific Programming Strand

Scientific Research Experience

During their two years at the Governor's School, students will experience hands-on science through classroom experimentation and individualized project research.

- The junior year research experience involves various aspects of research methodology, ethics and statistics, critical thinking skills, scientific writing and communication skills, and a research project for submission to the Tidewater Science Fair.
- During the senior year, students participate in an Honors Research and Mentorship experience with a professional. Final projects are presented to the local scientific and professional community as a culminating activity in May. The opportunity to work with a professional in research is an invaluable experience toward career pursuits.

Applied Leadership

A variety of school activities, clubs, and competitions provide students with opportunities to cultivate their leadership skills. Social interaction and community-building are integral components of the program. The Student Advisory Board provides another opportunity for students to lead their peers in the organization of the program and school travel activities.

Admissions Procedures

Admission to the program is highly competitive. Test scores, as well as teacher recommendations and course grades will be used to determine which students will be invited to participate in the Governor's School Pre-Admissions Series offered in 9th and 10th grade. Designated students will take prerequisite

courses offered in their high schools and will participate in a variety of after school activities offered at the school that will acquaint students with and prepare them for the two-year program. Final acceptance into the Governor's School is determined in the spring of the student's tenth grade year. Math and science GPA's, teacher recommendations, and PSAT scores are considered. For more information, visit our web site at www.nhgs.tec.va.us. Course descriptions follow:

ADVANCED CHEMICAL ANALYSIS (4471) *(2 weighted high school science credits)*
This course focuses on the fundamental principles and laws of chemistry. Extensive laboratory work will serve as the basic tools for students to explore chemistry topics. The course will provide insights into inorganic and organic chemistry. The students will explore advanced concepts such as kinetics, acid/base chemistry, equilibrium, thermochemistry, and electrochemistry. The course will emphasize problem solving through chemical calculations. *Advanced Chemical Analysis is a college-level course with a strong focus on laboratory work. It examines topics typically studied during the first year of college by science majors.*

ADVANCED BIOLOGICAL ANALYSIS (4371) *(2 weighted high school science credits)*
In the fall semester, topics in the field of cell and molecular biology will be addressed, some of which include the roles of biological macromolecules, cellular organization and metabolism, and cellular processes such as communication, reproduction, respiration, and photosynthesis. In addition, mechanisms of inheritance and control of gene expression will be examined, followed by a study of developments in biotechnology. In the spring semester, evolution, phylogeny, and the diversity of living things will be discussed, with a special focus on the anatomy and physiology of plants and animals. The laboratory experience is a major component of the course, allowing students the opportunity to use technologies applied in research as well as medical and forensic laboratories while designing their own experiments and analyzing and interpreting their results. The anatomy and physiology of various vertebrate organ systems will be compared while dissecting animals in the laboratory. *Advanced Biological Analysis is a college-level course that examines the topics typically studied during the first year of college by biology majors. Prerequisite Advanced Chemical Analysis.*

CALCULUS-BASED ENGINEERING PHYSICS I & II: MECHANICS TO ELECTROMAGNETISM (4571)
(2 weighted high school science credits)
This is a mathematical rigorous course that investigates the principles of classical mechanics, gravitation, periodic motion, electric and magnetic field theory, AC and DC circuit theory, geometric optics through in-depth discussion, concept development, and inquiry-based experimental laboratory activities. The course also develops problem solving skills which emphasize the importance of inquiry in science and integrates the overarching themes of conservation and symmetry. Laboratory experiments use apparatuses such as dynamic tracks, ballistic pendulums, and different LabPro sensors to investigate fundamental physics theories and mathematical concepts. Computer data acquisition software is utilized to collect, analyze, and graph experimental data. The course encourages hands-on activities, class participation, and students taking responsibility for their own learning. Students will be provided many opportunities throughout the course to design and carry out investigations and to analyze and evaluate data. Learning fundamental principles, generalizations, model building and the ability to apply course material to improve thinking, problem solving, and decision making are essential general goals. Gaining factual knowledge and developing specific skills, competencies, and points of view needed by professionals are important general goals. *Co-requisite: Enrollment in GSST College Calculus Course.*

CALCULUS-BASED ENGINEERING PHYSICS III AND IV: MODERN PHYSICS AND APPLIED PHYSICS: ENGINEERING DESIGN PRINCIPLES (4580)
(2 weighted high school science credits)
Learning fundamental knowledge of engineering and physics disciplines and the requisite skills to perform research, problem-solve, innovate, and create opportunities in the real world are the overarching goals of this course. Extending the first-year physics material, the course includes investigations in modern physics topics such as relativity, quantum mechanics, and nuclear physics, including, for example, conceptual understanding and practical applications of the wave function, Schrodinger's Equation, and radiation and radioactivity. The course also includes a series of project-based engineering learning experiences to help the student acquire and apply the skills, tools, and best practices of the engineering profession. Learning

tools include, for example, industry standard engineering and research modeling and simulation software, hands-on design and troubleshooting of solid-state electronics and digital systems, and industry standard computer-aided-design software, and additive manufacturing fabrication systems. In challenging keystone projects, students are tasked to identify real-world engineering problems or opportunities, to propose and seek client approval for their unique solutions or innovations, then to design, build, and demonstrate their final products. The keystone experiences include professional engagement with research and engineering leaders invited from community organizations such as NASA, SNAME, and the Jefferson Labs. *Prerequisites: Engineering Physics I & II, Calculus*.

COMPUTATIONAL PHYSICS: 4525 (2 *weighted high school science credits)*

Computer Science Course objectives provide a study of the key concepts in object-oriented programming (Java / Python) and design (data abstraction, data encapsulation, composition, inheritance and code re-use and implementation design techniques), programming constructs (primitives, references, classes, methods and interfaces), evaluating expressions (numeric, string and Boolean), program analysis (testing, debugging, run-time exceptions, pre and post conditions, assertions, analysis of algorithms and numerical representation of integers), data structures (strings, lists, one and two dimensional arrays and their accompanying operations – traversals, insertion and deletion), searching (sequential and binary), sorting (selection, insertion and merge sort) and develop an understanding of the ethical and social issues as it relates to the study of Computer Science. The course is a non-calculus treatment of physics dealing with topics in classical and modern physics. Physics course objectives apply the equations of kinematics to predict the position and the velocity at a later time, Newton's laws of motion to find the acceleration of the objects and to identify other forces in the system, the conservation laws (mechanical energy conservation, and momentum conservation, and angular momentum conservation) to compare the system before and after the interaction, find the solutions of problems involving rectilinear motion, parabolic motion, circular motion, & objects in equilibrium, apply the conservation laws to the solutions of problems involving collisions, conservative and non-conservative forces, understand the fluid mechanics, such as buoyant force and Bernoulli's equation, solve problems involving thermal expansion, heat transfer, thermodynamic processes & the behavior of ideal gases. Second semester course focuses on fundamental principles of physics covering mechanics, thermodynamics, wave phenomena, electricity and magnetism, and selected topics in modern physics. *Prerequisites Algebra II/Trig*.

COMPUTATION SCIENCE: ENGINEERING DESIGN, INNOVATION & ENTREPRENEURSHIP (4550)

(2 weighted high school science credits)

Learning fundamental knowledge of design innovation and science disciplines and the requisite skills to perform research, problem-solve, innovate, and create opportunities in the real world are the overarching goals of this course. The course also includes a series of project-based learning experiences to help the student acquire and apply the skills, tools, and best practices of the STEM profession. Learning tools include, for example, industry standards and research modeling and simulation software, hands-on design and troubleshooting of solid-state systems, and industry standard computer-aided-design software, and additive manufacturing fabrication systems. In challenging keystone projects, students are tasked to identify real-world engineering problems or opportunities, to propose and seek client approval for their unique solutions or innovations, then to design, build, and demonstrate their final products. The keystone experiences include professional engagement with research leaders invited from community organizations such as NASA, SNAME, and the Jefferson Labs. *Prerequisites: Computational Physics and Pre-Calculus*.

COLLEGE MODERN PRE-CALCULUS (3162) *(1 weighted high school math credit)*

This course is an intensive, rigorous approach to mathematics designed to prepare students for college calculus. First semester, students will focus on the algebraic and geometric properties of polynomial, rational, exponential, logarithmic, and trigonometric functions, and engage in discussions about how these models are represented in the real world. Second semester, students will learn the analytic properties of trigonometric functions and geometric conics, as well as learning the properties of polar coordinates, vectors, matrices, parametrics, and sequences and series. *The course concludes with an introduction to calculus.*

COLLEGE CALCULUS (3177) *(1 weighted high school math credit)*

This course covers 2 semesters of university-level calculus for scientists and engineers, emphasizing understanding and application. The first semester covers limits and continuity of functions, techniques, and applications of differentiation, and introduces integration. The second semester covers applications and advanced techniques of integration, differential equations, sequences and series, and analytical geometry. Upon completion of this course, students will understand both the geometric and rate of change analyses of differential and integral calculus. Students will apply their understanding of calculus to modeling real-world situations mathematically and be able to solve those mathematical models. *Successful completion of this course will prepare students to enroll in multivariable calculus / linear algebra.*

MULTIVARIABLE CALCULUS/LINEAR ALGEBRA (3178) *(1 weighted high school math credit)*

In multivariable calculus, students extend their study of calculus from the plane into 3-dimensional space and beyond. After an initial examination of geometry and algebra of 3-space, students will use differential and integral calculus to study the nature of curves and surfaces in 3-space, Topics include linear approximations of curves and surfaces in 3-space, optimization of functions in several variables, and use of integral calculus to study area, volume, and other applications. The semester concludes with an examination of the calculus of vector fields. In linear algebra, students use matrix theory to solve systems of linear equations and apply knowledge of the determinant to describe the nature of those solutions. The algebra and applications of linear transformations will be studied in both real and general vector spaces. Students will calculate eigenvalues and eigenvectors of linear transformations and use these to diagonalize linear systems. Applications include best fit functions and solutions of systems of 1st order, linear differential equations. *Prerequisite GSST College Calculus or completion of AP Calculus BC with a score of 5 on the exam, or a score of 4 and permission of the instructor.*

DIFFERENTIAL EQUATIONS (3179) *(1 weighted high school math credit)*

The year-long course introduces the methods, theory, and applications of differential equations. The course introduces first-order, second and higher-order linear equations, series solutions, linear systems of first-order differential equations, and the associated matrix theory. P*rerequisite for Differential Equations is successful completion of GSST College Calculus.*

RESEARCH METHODOLOGY & ETHICS (4610) (1 weighted high school elective credit)

This course presents fundamental concepts and statistical reasoning underlying scientific research and engineering design. Students will investigate contemporary issues in scientific research while conducting independent research or engineering design projects outside of class. Course topics include research technical writing, design strategies, ethical research behaviors, use of primary research literature, preparation of a study proposal, completion of supporting documentation required at the Tidewater Science & Engineering Fair, and graphical and statistical methods of data analysis. Students will focus on the use of statistical analyses in real-world applications rather than mere computation. Scientific calculators and Excel will be used. Topics include probability, sampling, estimations, regression analyses, confidence intervals, tests for means and proportions, ANOVA and non-parametric tests. Students give oral presentations of their work and present posters at the GSST Science Fair which is judged by professionals in various fields. Students are encouraged to participate in regional, state, and international competitions.

HONORS RESEARCH & MENTORSHIP (4612) (2 weighted high school elective credits)

Students explore advanced topics in scientific research with an emphasis on scientific literature and methods leading to the preparation of a research proposal in conjunction with their mentorship work. Students will prepare research documents using La Tex for professional documents preparation. Mentorship involves students in concentrated research or project development in firms and laboratories throughout the Tidewater region. Students are supervised by mentors who are scientists, engineers, physicians, and other professionals. Students plan, implement, document and present research or projects chosen in consultation with their mentors. Students refine their research and presentation techniques, problem-solving, critical thinking, and leadership skills. Students gain proficiency with statistical software like Excel for presentation and analysis of data. *This course provides students with an opportunity to integrate theory, knowledge, and application through a research experience.*

Program Model for GSST
2026-2027

(College Credits Subject to Review)

Grade	Science	Research	Math	HS	VPCC
Engineering		**Prerequisites: Biology, Chemistry, and Math minimum of PreCalculus**			
11	**Calculus-based Engineering Physics I & II** *2 HS Science, 8 VPCC*	**Research Methodology & Ethics** *1 HS Elective*	**Calculus** *1 HS Math, 8 VPCC*	4	16
			MultiVariable & Linear Algebra *1 HS Math, 7 VPCC*	4	15
12	**Calculus-based Engineering Physics III & IV** *2 HS Science, 4 VPCC*	**Honors Research & Mentorship** *2 HS Elective, 3 VPCC*	**Calculus** *1 HS Math, 8 VPCC*	5	15
			Differential Equations *1 HS Math, 6 VPCC*	5	13
			MultiVariable & Linear Algebra *1 HS Math, 7 VPCC*	5	14
Biological Science		**Prerequisites: Biology, Chemistry, and Math minimum of Algebra II / Trig** ***Recommended students take Physics at their home school division***			
11	**Advanced Chemical Analysis** *2 HS Science, 8 VPCC*	**Research Methodology & Ethics** *1 HS Elective*	**PreCalculus** *1 HS Math, 6 VPCC*	4	14
			Calculus *1 HS Math, 8 VPCC*	4	16
			MultiVariable & Linear Algebra *1 HS Math, 7 VPCC*	4	15
12	**Advanced Biological Analysis** *2 HS Science, 8 VPCC*	**Honors Research & Mentorship** *2 HS Elective, 3 VPCC*	**Calculus** *1 HS Math, 8 VPCC*	5	19
			Differential Equations *1 HS Math, 6 VPCC*	5	17
			MultiVariable & Linear Algebra *1 HS Math, 7 VPCC*	5	18
Computational Science		**Prerequisites: Biology, Chemistry, and Math minimum of Algebra II / Trig**			
11	**Computational Physics** *2 HS Science, 8 VPCC*	**Research Methodology & Ethics** *1 HS Elective*	**PreCalculus** *1 HS Math, 6 VPCC*	4	14
			Calculus *1 HS Math, 8 VPCC*	4	16
			MultiVariable & Linear Algebra *1 HS Math, 7 VPCC*	4	15
12	**Engineering Design, Innovation & Entrepreneurship** *2 HS Science, 4 VPCC*	**Honors Research & Mentorship** *2 HS Elective, 3 VPCC*	**Calculus** *1 HS Math, 8 VPCC*	5	15
			Differential Equations *1 HS Math, 6 VPCC*	5	13
			MultiVariable & Linear Algebra *1 HS Math, 7 VPCC*	5	14

* It is imperative that students meet with their school counselor to ensure requirements for Advanced Diploma are met
** Dual enrollment credits and fees (determined by VCCS & VPCC) are not guaranteed and are subject to change

NEW HORIZONS REGIONAL EDUCATION CENTER

CAREER & TECHNICAL EDUCATION CENTER

New Horizons Regional Education Center is a comprehensive, regional, educational institution serving the localities of Gloucester, Hampton, Newport News, Poquoson, Williamsburg, James City County and York County. The Center includes career and technical programs, the Governor's School for Science and Technology, and special education programs and services. The Center has three campuses – 520 Butler Farm Road in Hampton, 13400 Woodside Lane, Newport News, and 1501 Kiln Creek Parkway, Newport News.

Admission to New Horizons is competitive. Students apply to the program of their choice and receive notification of admission in late spring. Applications for vocational programs are available in the separate New Horizons Course Description Booklet and in the Counseling Office. Applications for Governor's School programs are available in the Poquoson High School Counseling Office. All applications should be submitted to the appropriate Poquoson High School Counselor.

Many different career and technical courses are available for regional high school students. Students who attend classes at New Horizons must be sixteen years of age. They spend three periods per day at New Horizons either in the morning or afternoon and the remainder of the school day at their home school. The following vocational courses are offered at New Horizons Regional Education Center. Complete course descriptions can be found in the New Horizons Course Description Booklet. All courses are offered at the Butler Farm campus unless otherwise indicated.

Note: All New Horizons Career and Technical courses will be awarded three credits at the end of the school year. A final course grade will be awarded.

For more information on the New Horizons Regional Education Center visit

http://nhrec.org/ctec/

New Horizons Career and Technical Education

Course Offerings SY 2026-2027

CAREER CLUSTERS	COURSES	CAMPUS (Woodside Lane / Butler Farm)	AM/PM SESSION	COLLEGE CREDITS	INDUSTRY CREDENTIAL(S)	Course Numbers
Transportation, Distribution, & Logistics						
1 yr program 2nd yr optional	Auto Body Technology I, II Auto Body Technology III	Butler Farm	Both		ASE/Entry-Level	8676/8677 8678
2 yr program	Automotive Technology I, II	Butler Farm	Both	17 VPCC	ASE/Entry-Level	8506/8507
1 yr program	Marine Service Technology I, II	Butler Farm	Both		NOCTI/ABYC	8750/8751
Architecture & Construction						
1 yr program 2nd yr optional	Building Construction I, II Building Construction III	Woodside Lane	Both		NCCER	8601/8602 8603
(1 yr program	Electricity and Renewable Energy	Woodside Lane	Both		NCCER	8533/8534
1 yr program	HVAC I, II	Woodside Lane	Both		EPA/H.E.A.T Assessment	8503/8504
1 yr program	Plumbing and Pipefitting	Woodside Lane	Both		NCCER	8551/8552
Manufacturing Technology						
1yr program	Virtual Machining & Design	Butler Farm	AM	22 VPCC	NIMS	8539/8540
1 yr program	Mechatronics	Butler Farm	Both	20 VPCC	Siemens Mechatronics Systems Cert./NOCTI	8554/8555/8556
2 yr program	Welding I, II	Both	Both		AWS SENSE/NOCTI	8672/8673
Health Sciences						
2 yr program	Dental Careers I, II	Butler Farm	I-AM;I&II-PM		X-Ray Cert., NOCTI	8328/8329
1 yr program	Medical Assistant	Butler Farm	Both		NOCTI/ NHA Certification	8345/8346
1 yr program	Nurse Aide	Butler Farm	Both		Cert. Nursing Assistant	8360/8362
1 yr program	Physical and Occupational Therapy I, II	Butler Farm	Both		Certified Physical Therapy Aide Exam	8365/8366
1 yr program	Pharmacy Technician*	Woodside Lane	Both		NHA ExCPT Examination	8305/8306
Agriculture, Food, & Natural Resources						
1 yr program	Veterinary Science	Woodside Lane	Both		iCEV Vet. Medical Applications Exam	8088/8089
Human Services						
2 yr program	Cosmetology I, II	Both	Both		State Licensure/NOCTI	8745/8746
2 yr program	Culinary Arts I & II	Woodside Lane	Both		ServSafe Manager	8275/8276
1 yr program	Early Childhood Education	Woodside Lane	Both	6 VPCC	AAFCS Exam	8234/8285
Information Technology						
1 yr program	Cybersecurity Technology	Butler Farm	Both		NOCTI/A+/Network+ Certifications	8628/8629
2 yr program	Cisco Networking	Woodside Lane	Both	7 VPCC credits per yr	CISCO CCNA/Certiport IT Specialist -Networking	8542/8543/8544/8545
1 yr program	Computer Programming & Advanced Programming	Woodside Lane	Both	14 VPCC	Certiport IT Specialist – Java	6640/6641
Public Service						
1 yr program	Criminal Justice	Both	Both	6 VPCC	NOCTI	8702/8703
1 yr program	Emergency Medical Technician	Butler Farm	Both		EMT/NOCTI	8333/8334
1 yr program	Fire Fighter	Butler Farm	Both		Fire Fighter I & II/NOCTI	8705/8706

Note: All course offerings listed above are contingent upon the necessary number of students enrolling in them. If a class does not attain minimum requirements, then it may be canceled. As such, students are strongly encouraged to choose more than one course when completing an enrollment application. Dual enrollment credits are contingent upon employment of a qualified instructor and students passing entrance criteria. @ Selected students may be invited to return for a second-year program. Very limited number of positions are available. *Only seniors will be selected for this program due to NHA ExCPT age testing requirements.

APPENDIX

The following terms are used in the course description section:

Prerequisite:
Some courses require successful completion of a prior course(s) before the next level may be taken. The prerequisite is identified by a course title where applicable.

Corequisite:
Some courses require enrollment in two courses in the same year. Corequisites are identified by a course title where applicable. If the corequisite course has been successfully completed in a prior year, it is not required to be retaken.

Performance-Based Assessment:
Performance-Based Assessments assess student knowledge through real world, authentic assessments rather than through multiple choice assessments.

Locally Awarded Verified Credits
General Information
The Poquoson City School Board may award a verified credit in all content areas to students in accordance with this policy. This credit may be applied to an advanced studies diploma or a standard diploma. No student may earn more than one (1) locally awarded verified credit.

Eligibility:
To be eligible to earn locally awarded verified credits, a student must:

1. Pass the high school course and not pass the related Standards of Learning test;
2. Take the Standards of Learning test at least twice; and
3. Score within a 375-399 scale score range on any administration of the Standards of Learning test.

Appeal Process:
If the student wishes to apply for locally awarded verified credit, he/she must attend and successfully complete all remediation that is offered. The School Board shall appoint a review panel of at least three educators (an administrator, a counselor, and a subject-matter teacher) to evaluate the student's evidence of achievement of adequate knowledge of the Standards of Learning. Based on the evidence it reviews, the review panel may:

1. Award the verified credit;
2. Deny the verified credit; or
3. Make additional academic assignments prior to determining whether to award the verified credit. The decision of the panel will be final.

Courses for the Fine Arts and/or Career & Technical Education Requirement:
Fine Arts: Any course in the art or music department qualifies as a fine arts course. Also included are the following courses in the English Department: Beginning & Advanced Drama, Creative Writing, Yearbook I, II, or III, Journalism I-IV.

Career & Technical: Any course in the Business Education, Family and Consumer Sciences, Marketing Education, or Technology Education (including all New Horizons vocational courses) qualifies as a practical arts course.

Courses Meeting the Two Sequential Elective Requirement:
Students in the Standard Diploma Program shall earn two sequential elective credits. Courses meeting this requirement include:

- Art – Any two art courses
- Business – Any two business courses
- English – Journalism I & II; Yearbook I & II; Beginning Drama and Advanced Drama; two developmental reading credits
- World Language - The first two years of any world language
- Family and Consumer Science – Any two courses
- Music – Two years in either vocal or instrumental music
- Technology Education - Technical Design and Engineering Design: Technical Design and Architectural Design; Technical Design and Introduction to Engineering
- Marketing - Any two courses
- New Horizons Courses – Both levels of any two-year sequence or completion of a full one-year program.·

SOL SUBSTITUTE TESTS FOR VERIFIED CREDIT
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https://www.doe.virginia.gov/home/showpublisheddocument/804/637943813418170000