

Rappahannock High School

Warsaw, Virginia

2022-2023

Course Selection Guide

Review the information in the course selection guide with your parent/guardian. Make your course selections for the 2022-2023 school year on the checklist given to you in English class. Your parent/guardian must sign the bottom of the checklist after you have made your selections. Please refer to the graduation requirements at the beginning of the course selection guide when making your selections. Course descriptions are given for all courses that will be offered during the 2022-2023 school year at Rappahannock High School. If you have any questions about making course selections you may call:

- Mrs. Ashley Withers (grades 8 & 9) at 333-6585
aberry@richmond-county.k12.va.us
- Mrs. Brown (grades 10, 11 & 12) at 333-6562 lbrown@richmond-county.k12.va.us

Schedule changes will need to be requested via email to the address listed above.

Diploma requirements

Class of 2022 and beyond Beginning with the entering 9th grade class of 2018-2019

The Profile of a Virginia Graduate describes the knowledge, skills, experiences and attributes that students must attain to be successful in college and/or the work force and to 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).

Standard Diploma Requirement for students entering the 9th grade in for the first time in 2018-2019 and after

Discipline Area	Standard Units of Credit Required	Verified Credits Required
English	4	2
Mathematics	3	1
Laboratory Science	3	1
History and Social Science	3	1
Health and Physical Education	2	
World Language, Fine Arts or Career and Technical Education	2	
Economics and Personal Finance	1	
Electives	4	
Total	22	5

*Students 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 shall 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.

Advanced Diploma Requirement for students entering the 9th grade in for the first time in 2018-2019 and after

Discipline Area	Standard Units of Credit Required	Verified Credits Required
English	4	2
Mathematics	4	1
Laboratory Science	4	1
History and Social Science	4	1
World Language	3	
Health and Physical Education	2	
Fine Arts or Career and Technical Education	1	
Economics and Personal Finance	1	
Electives	3	
Total	26	5

*Students 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 shall 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.

The **Applied Studies Diploma** is available to students with disabilities who complete the requirements of their Individualized Education Program (IEP) and who do not meet the requirements for the Advanced or Standard diplomas.

Honor Graduates - seniors who have a cumulative GPA of a 3.5 or higher at the end of the 1st semester of their senior year.

Governor's Seal – Awarded to 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) or dual enrollment courses.

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

Board of Education's Career & Technical Education Seal – Awarded to 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 pass an examination or an occupational competency assessment in a career and technical education concentration or specialization that confers certification or occupational competency credential from a recognized industry, trade or professional association.

Board of Education's Advanced Mathematics & Technology Seal - Awarded to students who earn either a Standard or Advanced Studies Diploma and satisfy all of the mathematics requirements for the Advanced Studies Diploma (four units of credit including Algebra II; two verified units of credit) with a "B" average or better; and pass an examination in a career and technical education field that confers certification from a recognized industry, or trade or professional association

Board of Education's Excellence in Civics Education Seal - Awarded to students who meet each of the following four criteria:

- Satisfy the requirement to earn a Standard Diploma or an Advanced Studies Diploma
- Complete Virginia & United States History and Virginia & United States Government courses with a grade of "B" or higher
- Complete 50 hours of voluntary participation in community service or extracurricular activities, such as volunteering for a charitable or religious organization that provides services to the poor, sick or less fortunate; participating in Boy Scouts, Girl Scouts or similar youth organizations; participating in Junior Reserve Officer Training Corps (JROTC); participating in political campaigns, government internships, Boys State, Girls State or Model General Assembly; and participating in school-sponsored extracurricular activities that have a civics focus. Any student who enlists in the United States military prior to graduation will be deemed to have met this community service requirement.
- Have good attendance and no disciplinary infractions as determined by local school board policies.

Promotion Information

Promotion to the next grade is based on credits earned plus passing English. A student will receive one credit for each class successfully completed with a 60 or above. Exceptions are three credits for courses at the technical center. To be a 10th grader, a student must have earned 5 credits, one of which must be English 9. To be an 11th grader, a student must have earned 10 credits, one of which must be English 10. To be a 12th grader, a student must have earned 15 credits, one of which must be English 11. A student will need a minimum of 22 credits to graduate from high school with a standard diploma. It is important to note that only one English class can be taken in a year. So if failure occurs in English, summer school should be looked at in order for the student to graduate on time. Only one new class or two repeat

courses may be taken in summer school at the Northern Neck Technical Center. There is a fee for summer school, although scholarships are available.

Athletics

In order to be eligible to play sports or participate in any other Virginia High School League activity, a student must have successfully earned 5 credits the preceding semester. The Northern Neck Technical Center courses count as 2 classes.

Faculty Athletics Representative (FAR)

The Rappahannock High School Faculty Athletics Representative monitors each student-athlete's academic performance on a regular basis throughout a sports season and recommends after school tutoring sessions, when necessary, to student-athletes who participate in fall, winter, and/or spring sports. The FAR also acts as a liaison between the Rappahannock High School Athletic Department and the parents of RHS student-athletes, as well as RHS faculty, staff, and coaches. Mr. Winfield is our FAR and can be contacted via email at gwinfield@richmond-county.k12.va.us.

Dual Enrollment Courses (DE)

Rappahannock High School offers DE classes that are taught at the high school where students receive college credits at Rappahannock Community College (RCC). Prior to the COVID 19 students were required to take the Virginia Placement test (VPT) in order to earn the DE credits. Since the VPT testing will not occur students can now qualify based on the GPA criteria below.

For Career & Technical Education (CTE) courses: Personal Finance, Computer Information Systems, Entrepreneurship, Digital Visualization, Introduction to Engineering, Nursing, Culinary Arts

English Placement:

2.0 or higher = ENF 1

2.3 or higher = ENF 2

2.7 or higher = ENF 3

Math Placement:

Completion of Algebra I = MTE 1

2.00 – 2.99 = MTE 1-4

3.0 or higher w/o Algebra 2 = MTE 1-5

3.0 or higher = ENG 111

3.0 or higher w/ Algebra 2 = MTE 1-9

For DE English 12 and DE Spanish III/IV courses the GPA requirements are listed below. RCC will look to see if the student has already taken the VPT or if they have other test scores, such as, the PSAT, SAT, ACT or SOL before looking at student GPA.

DUAL ENROLLMENT COVID-19 EMERGENCY ADMISSION AND PLACEMENT MEASURES

RISING JUNIOR OR RISING SENIOR CUMULATIVE HIGH SCHOOL GPA*	SUMMER 2020 AND FALL 2020 ELIGIBLE FOR PLACEMENT IN:
ENGLISH	
2.00 – 2.99	ENG 115 OR ENG 131
3.00 OR GREATER	ENG 115, ENG 131, OR ENG 111
MATH	
2.00 – 2.99	MTH 101- 133
3.00 OR GREATER WITHOUT ALGEBRA 2	MTH 101–133, MTH 154, OR MTH 155

3.00 OR GREATER WITH ALGEBRA 2	MTH 101–133, MTH 154, MTH 155, MTH 161, OR MTH 167
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****DE Courses taught at Rappahannock High School are paid for by Richmond County Public Schools. If the student does not earn a passing grade the student and parent will be responsible for the reimbursement to Rappahannock High School for the tuition of the course.**

COURSE DESCRIPTIONS

English

English 8 - This class contains an emphasis on the writing process, grammar, reading comprehension, vocabulary, and public speaking. We will implement the use of cooperative learning activities and technology to apply the material learned to the modern day world. Students will be required to do journal writing, vocabulary activities, essays, reading novels, and speeches. Students will be required to complete the Reading 8 and Writing 8 tests.

English 9 – This class contains a variety of high interest material in the form of short stories, poetry, drama and grammar. Spread throughout the books are units of “word attack,” “inferences,” “central focus,” and “relationships,” which focus on skill development in literature.

English 10 – This class contains a variety of short stories, poetry, and drama. Units are arranged around the themes of “opener,” “being afraid,” “being different,” and “making decisions.” Emphasis is placed again on word attack, inferences, central focus, relationships and central meaning. Students will be required to complete the WorkKeys Business Writing test.

English 11 – This class includes units on such themes as “self- reliance,” “human relationships,” “the global community,” and “environmental issues.” United States literature is the primary focus of the text. Continued emphasis is placed on skill building in word attack, inferences, central focus, and relationships. Students will be required to complete the End of Course Reading SOL.

Advanced Placement English 11 - This class is offered for the more advanced English student and the material is taught on a college level. The curriculum of the class is approved by the AP College Board and focuses on the study and writing of rhetoric. Students will be required to take the AP English Language Exam in May and the End of Course Reading SOL. *Prerequisite: Students must pass English 10 with a C or better.*

English 12- This class is a chronological survey of the literature of England. Units include the Anglo-Saxon period, the Medieval period, the Renaissance, the Age of Reason, the Romantic era, the Victorian era, and the Twentieth Century. Students will write persuasive, narrative, and personal essays on the themes explored in literature, and a documented research paper will also be required.

Advanced Placement English 12- This class is offered for the more advanced English Student, and the material is taught on a college level. The curriculum of the class is approved by the AP College Board and focuses on the study of poetry, short stories, and novels; written analyses of literature selections accompany each unit of study. Students will be required to take the AP English Literature Exam in May. *Prerequisite: Students must pass English 11 with a C or better.*

Dual Enrollment English Composition (ENG 111/112 & ENG 246) - This is a hybrid online/classroom class, and students learn MLA and APA research formats. Composition 111 introduces students to critical thinking and the fundamentals of academic writing. Writing activities will include exposition and argumentation with one non-research and four researched essays. Composition 112 continues to develop college writing with increased emphasis on critical essays, argumentation, and research, developing these competencies through the examination of a range of literary texts about the human experience. There are four required research essays and one major research paper. American Literature examines traditions and texts from diverse time periods, genres, and authors.

Students must pass ENG 111 to go to ENG 112, and ENG 112 to go to ENG 246. * Passing 111 and 112 are required for graduation, and students who get behind one unit or are failing at the withdrawal date may be removed from the course without their permission. Students who fail to complete all the courses or do not get a C or better in those completed will be required to reimburse Richmond County Public Schools for the cost of the class(es).

Mathematics

Pre-Algebra – This course includes Number and Number Sense: Relationships within the Real Number System, Computation and Estimation: Practical Applications of Operations with Real Numbers, Patterns, Functions, and Algebra: Linear Relationships, Measurement: Problem Solving, Geometry: Problem Solving with 2- and 3-Dimensional Figures, Probability and Statistics: Statistical Analysis of Graphs and Problem Situations. Students will be required to complete the Math 8 SOL.

Algebra I (Part I/Part II) – This course is required for 9th-grade students, who have not yet taken it. Material covered includes the natural numbers, variables, integers, rational numbers (fractions and decimals), real numbers, and solution of equations, inequalities, open sentences in two variables, polynomials, and basic concepts of geometry. Students will be required to complete the End of Course Algebra I SOL. (Students will be placed in Part I/Part II class at the discretion of administration and teacher recommendation.)

Geometry- This course is designed to help students develop powers of partial visualization, to see the role of inductive and deductive reasoning in mathematical and non–mathematical situations, and to appreciate the need for clarity of language. Areas covered include: elements of sets through angle relationships, perpendicular and parallel lines and planes, congruent triangles, similar polygons, circles, construction and loci, and coordinate geometry. Students may be required to complete the EOC Geometry SOL.

Algebra, Functions & Data Analysis (gr. 10 – 12) - Algebra, Functions, and Data Analysis is a course in high school for students to mathematically strengthen and extend the concepts that students encountered in Algebra 1 and Geometry. Through investigation of mathematical models, students will strengthen conceptual understanding in mathematics and develop connections between statistics and algebra.

Algebra II - This course is a continuation of material completed in Algebra I. It proceeds through sequences and series, linear and quadratic relations and functions, polynomials, rational algebraic expressions, radicals and irrational numbers, polynomial functions, complex numbers and exponents. Students may be required to take the EOC Algebra II SOL. *Prerequisites: Student has met or is meeting requirements for math and is working towards an advanced studies diploma.*

Pre-Calculus – This course is designed to prepare students for Calculus, either in high school or college. Topics include understanding functions from symbolic, tabular, and graphical perspectives, transformations and function composition, polynomial functions, rational polynomial functions, trigonometry, and conic sections. In addition to content mastery, the course goals are to further develop students’ problem solving and critical thinking skills. *Prerequisites: Algebra II grade of a C or better.*

Probability and Statistics - This course focuses on the basic concepts and techniques for collecting and analyzing data, drawing conclusions, and making predictions. Students learn the fundamental ideas of probability and apply them in developing statistical methods. The study of statistics includes the interpretation of statistical graphs, measurement of central tendency and variation, regression, and correlation. *Prerequisites-Successful completion of Algebra II.*

Dual Enrollment Pre-Calculus (MTH 161/162, taken at RCC) – Study of Math 163 presents college algebra, matrices, and algebraic, exponential, and logarithmic functions. Many application problems and examples are drawn from real life situations. Math 164 is offered the second semester and this course presents the detailed concept of trigonometry, analytic geometry, sequence and series and its relevance to real life problems. Students are required to pay the RCC tuition for the class. If the student completes the course with a C or better RCPS will reimburse the student 50% of the tuition after grades have been submitted. Please contact Mrs. Brown with additional questions about assistance.

**** In order for students to enroll in DE Statistics/Applied Calculus or DE Calculus they must have taken and passed DE Pre-Calculus with a C or higher.**

DE Statistics/Applied Calculus (MTH 245/261, taken at RCC) - Statistics presents an overview of statistics, including descriptive statistics, elementary probability, probability distributions, estimation, hypothesis testing, correlation, and linear regression. Applied Calculus introduces limits, continuity, differentiation and integration of algebraic, exponential and logarithmic functions, and techniques of integration with an emphasis on applications in business, social sciences and life sciences. Students are required to pay the RCC tuition for the class. If the student completes the course with a C or better RCPS will reimburse the student 50% of the tuition after grades have been submitted. Please contact Mrs. Brown with additional questions about assistance. *Prerequisite: Students must have taken DE Pre-calculus and passed with a C or better.*

Dual Enrollment Calculus (MTH 263/264, taken at RCC) - Continues the study of analytic geometry and the calculus of algebraic and transcendental functions including rectangular, polar, and parametric graphing, indefinite and definite integrals, methods of integration, and power series along with applications. Students are required to pay the tuition for the class. Students are required to pay the RCC tuition for the class. If the student completes the course with a C or better RCPS will reimburse the student 50% of the tuition after grades have been submitted. Please contact Mrs. Brown with additional questions about assistance. *Prerequisite: Students must have taken DE Pre-calculus and passed with a C or better.*

Science

Physical Science - Physical Science explores the characteristics of matter and energy. This course is an introduction to chemistry and physics. Areas of study include the characteristic properties of matter, atomic structure and theory, basic chemistry, motion, forces, nuclear energy, sound waves, light waves, electricity, and electromagnetism. Students will be required to complete the Science 8 SOL.

Environmental Science - The study of many components of our environment, including the human impact on our planet. These outcomes focus on scientific inquiry, the physical world, the living environment, resource conservation, humans' impact on the environment, and legal and civic responsibility. Instruction will focus on student data collection and analysis through laboratory experiences and field work. *This course is recommended for students pursuing the Standard diploma.

Biology- The study of biology is the study of life, and therefore addresses the main themes common to all life on our planet: cells as the basic unit of life, acquiring and using energy, reproduction, growth and development, responding to the environment, and change over time. These are the major areas of study, and scientific investigation as a way of inquiry to explore and

develop these themes is emphasized. Students will be required to take the End of Course Biology SOL.

Chemistry - The study of "change" and atomic theory. This course is designed to give students a good foundation in the basic principles of chemistry. *Prerequisite: Students should have successfully completed or currently enrolled in Algebra II.*

Physics – This course is a broad survey of classical and modern physics. It is designed to enable students to appreciate the role of physics in today's society and technology. Emphasis is placed on the fundamental laws of nature on which all science is based.

Biology II - Human Anatomy - The study of the structures of the human body. The human body is a wondrous design with many intricate, but essential systems. Within this course, we will dive into an education regarding each body system, and its limits. This is a challenging course where students will perform hands-on dissections of structures most similar to the human body.

AP Environmental Science (gr. 11-12) - The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other introductory-level college science courses, environmental science is offered from a wide variety of departments, including geology, biology, environmental studies, environmental science, chemistry, and geography. The goal of the AP Environmental Science course is 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. *Prerequisite: Students should have completed Biology with a C or better.*

History

Civics and Economics – This course will examine the roles citizens play in the political, governmental, and economic systems in the United States. Students will examine the constitutions of Virginia and the United States, will identify the rights, duties, and responsibilities of citizens, and will describe the structure and operation of government at the local, state, and national levels. Students will be required to complete the Civics 8 SOL.

World History I- Students will study events from first recorded history to 1500 AD. Students will be required to complete the End of Course World History I SOL.

World History II- Students will study humankind and how humans have thought, behaved, and interacted across the ages. To accomplish this, students will study events from 1500 AD to present by examining the following concepts: patterns of population; economic networks and exchange; uses and abuses of power; haves and have-nots; expressing identity; science, technology, and the environment; spiritual life and moral codes. By the end of the course,

students will have a better understanding of who they are, how and why the world got to be the way it is, and how to be global citizens in the 21st century. *Prerequisite: Students must pass World History I with a C or better.*

United States History - This course will provide comprehensive coverage of American history from prehistory to the present and will follow the Virginia Standards of Learning. It will be a blending of social and political history and geography to provide students with a broad view of America's past and present. A multicultural perspective will be used and the skills of interpreting charts, primary sources, political cartoons, and other historical documents will be developed. Students may be required to complete the EOC US History SOL.

United States Government - This course will provide comprehensive coverage of the American political system from its ancient origins to the present and will follow the Virginia Standards of Learning. It will be a blending of social, political, economic, and historic functions of government to provide students with a broad view of America's past and present. There will be a strong emphasis placed on the current events that currently shape our political system. A multicultural perspective will be used and the skills of interpreting charts, primary sources, political cartoons, and other historical documents and analyzing current events will be developed.

Health and Physical Education

Health and Physical Education 8 - This course of study will focus on physical fitness, sport appreciation, skill development, and technology (as it relates to sport), exercise, and health related issues. Major emphasis will be placed on cardiovascular fitness, muscular strength, and flexibility. Twice per year the students will be tested using the President's Challenge Physical Fitness Assessment.

Health and Physical Education 9 – Physical activities covered in this course include leisure time activities such as badminton, table tennis, paddle tennis, and horseshoes. Advanced team sports such as basketball, volleyball, softball, track and field, and lacrosse and field hockey are also offered. Speedball and folk dancing may be included. Areas covered in health education include prevention and control of disease, consumer health, mental health, drugs, alcohol, tobacco, and health careers. Students will meet the CPR and first aid graduation requirements in this course.

Health and Physical Education 10 – Physical activities in this course are soccer, basketball, horseshoes, modern dance, touch football, volleyball, track and field, softball, table tennis, lacrosse, field hockey, and paddle tennis. Health areas studied are environmental health, first aid and self-medical health, mental health, personal and family survival, and driver education. *Prerequisite: Health and Physical Education 9.*

Required Course for Graduation

Dual Enrollment Personal Finance (gr. 11-12) - This course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will explore personal and household budgets, simulate use of checking and saving accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

Foreign Language

Introduction to Spanish - This course is a study of the language, culture and customs unique to the Spanish-Speaking world. Students will learn the course material at an introductory level via the four basic modes of communication 1) reading, 2) writing, 3) listening, and 4) speaking. Students will study basic Spanish (numbers, time, alphabet, days of the week, greetings, etc.) and complete an in depth study of the culture and geography of the Spanish-speaking countries.

Spanish I (gr. 9-12) – This is a beginning course in Spanish including practice in reading, speaking, and understanding the language and customs of Latin America and other Spanish speaking countries. Much emphasis is placed on grammar, pronunciation, and conversation. *Students desiring to begin a foreign language should have attained a C average or higher in their English classes.*

Spanish II – This course is a continuation of the study of Spanish I. Emphasis is placed on conversation, reading, and the study of customs and history of Latin America.

Spanish III – This course is a continuation of Spanish II with emphasis placed on conversation, reading, and writing. Focus will be placed on resolving individual student difficulties in oral presentation and spontaneous conversation. There will also be directed student interaction, i.e. debates, interviews, and summaries. The student will also read some selections from Spanish and Latin American literature.

DE Spanish III (SPA 101/102) - Introduces understanding, speaking, reading, and writing skills and emphasizes basic Spanish sentence structure. *Prerequisite: Students must have a C or higher in Spanish I & II and meet the qualifying requirements.*

Career and Technical Education Electives

Introduction to Power, Structural, and Technical Systems -This introductory course prepares students for careers in agricultural mechanics, fabrication, and construction. Students receive hands-on experience with the operation, maintenance, and repair of agricultural equipment.

Other experiences will include the use of tools and equipment for agricultural structures, electricity, welding, and carpentry. There is a \$20 shop fee associated with this course that will cover the expenses of the consumables used in this course.

Agricultural Structural Systems - This class will involve advanced carpentry, cold metal, and concrete work. It will also introduce concepts and hands-on applications of electricity and plumbing. Members of this class will be expected to design, analyze, prepare an estimate, and complete projects assigned to them along with projects of their own. They will also learn about the financial aspects of completing a job. Students will be expected to be able to work independently as well as a part of a team. There is a \$20 shop fee associated with this course to cover the expenses of the consumables used in this course. *Prerequisite: Student must have taken and passed Intro to Power, Structural, and Technical Systems.*

Agriscience & Technology (gr. 8 & 9) - Through classroom instruction and hands-on laboratory activities, students will explore the fields of agriculture, food, and natural resources (AFNR), to include: global agriculture; new and emerging technologies; agricultural mechanics; and careers in agribusiness; animal systems; environmental services; food products and processing; natural resources systems; plant systems; and power, structural, and technical systems.

Horticulture Sciences - This course prepares students for postsecondary educational career programs and entry-level positions in the horticulture industry. Instruction includes safety in the horticulture industry, the science of horticulture and nursery plant production, greenhouse operation and management, landscape design, and turf management. Through hands-on activities, students will identify and manage plant-growing substrates and propagate and grow horticultural plants in the greenhouse and land laboratory.

Jobs for Virginia Graduates (11th & 12th grade only) - Work-based learning (WBL) Internship experience is a one credit 18/36 week course. It offers opportunities for students to apply and refine knowledge, attitudes, and skills through professionally coordinated and supervised work experience directly related to career goals. Members of the business, industry, and professional community volunteer to serve as mentors to high school seniors. Work-based learning is a school-coordinated, coherent sequence of workplace experiences that are related to students' career goals and/or interests, are based on instructional preparation, and are performed in partnership with local businesses, industries, or other organizations in the community. WBL enables students to apply classroom instruction in a real world business or service-oriented work environment. To earn (1) credit, students must spend a minimum of 140 hours in an approved internship. If the student is "released or quit" his/her internship, the student will receive an "F" for the Internship portion of WBL. Each WBL student that has early release must leave school grounds, if not; they will be considered trespassing. The goal of the Work-Based Learning Experience is to develop higher order thinking, problem solving skills and enhance employability skills and work ethics. Students will complete classroom assignments every Monday and be able to work after 1:30, Tuesday through Friday. **Students have to show proof of employment before enrollment into this class.**

Accounting I – Emphasis is placed on accounting principles as they relate to manual and computerized financial systems. Students will become familiar with business terms and the meaning of debits, credits, assets, liabilities, and capital as related to the bookkeeping cycle in the simplest form. Students use journals and ledgers along with balance sheets and income statements to show the financial condition of a business. Payrolls, taxes (sales and income), accounts payable and accounts receivable are presented as part of the cycle so that students are prepared to fill positions in any of these departments.

Dual Enrollment Computer Information Systems (gr. 9-12) – Computer

Information Systems is a one-year, single-period course designed to introduce students to microcomputer technology and business applications using spreadsheets, databases, graphics, and word processing. Students will take the Microsoft Office Specialist certification at the end of each unit.

Business Law – This course will examine the foundations of the American Legal system and explore the economic and social concepts as they relate to legal principles and to business and personal law.

Dual Enrollment Entrepreneurship (gr. 11-12) – Presents various steps considered necessary when going into business. This Course includes areas such as product-service analysis, market research evaluation, setting up books, ways to finance startup, operations of the business, development of business plans, buyouts versus starting from scratch, and financing.

CyberSecurity Fundamentals (gr.9-12) - Cybersecurity affects every individual, organization, and nation. This course focuses on the evolving and all-pervasive technological environment with an emphasis on securing personal, organizational, and national information. Students will be introduced to the principles of cybersecurity, explore emerging technologies, examine threats and protective measures, and investigate the diverse high-skill, high-wage, and high-demand career opportunities in the field of cybersecurity.

JROTC (I – IV) – The JROTC program prepares students for leadership roles while making them aware of their rights, responsibilities and privileges as Americans. The mission of JROTC is to motivate young people to be better citizens. The program promotes graduation from high school, and provides instructional opportunities which benefit the student, community and nation. Students must participate in the physical fitness and weekly dress requirements. There are also outside of school activities that are required.

The Northern Neck Technical Center Governor's STEM Academy is excited to announce our new Gaming and Simulation Design and Development Course of Studies. This will be a three-semester program consisting of three Virginia High School CTE courses, which will earn credit for four VCCS courses (12 credits) and the VCCS Game Design and Development Career Studies Certificate. Students must take and pass the VPT English and math placement test (ENF2/MTE 1

& 2). The courses must be taken sequentially, but can be taken any semester, any block. Everything will be offered in a hybrid format via Google classroom enabling students to learn from their home schools. However, we encourage students to take the capstone Game Design and Development

Advanced course at the Technical Center. The class is project based and here at the Tech Center we will be equipped with a variety of advanced software and hardware enabling in-depth exploration of Virtual Reality, Augmented Reality, Mobile and Audio Development. The three parts of the program are as follows:

Digital Visualization (ITD 112) - In this course students gain experiences related to computer animation by using graphics and design concepts. Students will be introduced to a variety of software including Adobe Illustrator, Adobe Photoshop, Adobe Animate, Adobe After Effects, Autodesk Maya and Unity 3D.

Game Design and Development (ITP 160) - In this project-based course, students will create innovative games through the application of graphic design, animation, audio, and writing skills. Students will work in teams while developing problem-solving, critical thinking, and effective communication skills. They will analyze, design, prototype, and critique interactive games within a project management environment.

Students will advance their understanding of software like Adobe Illustrator, Autodesk Maya and Unity 3D.

Game Design and Development Advanced (ITP 165/ITD 120) - Students will work collaboratively in a project-based course to refine their game design skills, applying graphic design, animation, audio and writing skills to create original games for a variety of platforms including mobile and virtual reality. Students will learn about career opportunities in game design and development and investigate the training and certification requirements.

Principles of Business (gr. 9-12) - Students discover the roles of business and marketing in the free enterprise system and the global economy. Students examine basic financial concepts of banking, insurance, credit, taxation, and investments to provide a strong background for making sound decisions as consumers, wage earners, and citizens. The real-world effects of technology, effective communication, and interpersonal skills is evident throughout the course. This course also supports career development skills and explores career options

Fine Arts Electives

Art (I & II)/(III & IV) – This course offers an introduction to the art making process. Students learn how to use the elements of art: line, color, space, form, texture, shape, and value and the principles of design: balance, rhythm balance, rhythm, pattern, emphasis, contrast, unity and movement to create works of art based on skill levels. Students are acquainted with different media and techniques such as painting, drawing, printmaking, photography, model making, and drawing. There is a \$15.00 fee associated with this course.

Instrumental Band – This course is open to all students with previous band experience. It provides students with opportunities for varied participation in programs at football games, parades, community events, concerts and graduation activities.

Choral Music – This class is open to all students. Students in the class participate in three concerts each year. Meetings of the choir are held during school hours. Students who can play a piano may assist in providing music for the group, according to their level of skill.

Introduction to Piano - Introductory piano for the students with little or no prior keyboard study. This course emphasizes development of basic keyboard skills, music reading, music of other genres, and conceptual understanding pertinent to early level study. The course includes introduction to transposition, harmonization, sight reading, improvisation, and basic keyboard repertoire.

Guitar - This course is designed for students who have little or no prior guitar study. This course will emphasize the basics of playing the guitar, reading traditional notation and tablature, and the study of music genres that feature guitar. Other information studied in this course includes chords, improvisation, harmonization, transposition, and basic guitar repertoire.

Music Discovery – This course will be an introductory course in the principles of Music Technology and Music Appreciation. The foundation of the course is based on the knowledge of having students to explore and use creative techniques. This will enhance their knowledge of music recording and composition understanding with historical references and key figures in the development of music.

Math Elective

Coding for the iPad - This course guides students in the process of coding through swift playgrounds on the iPad. It starts off with solving interactive puzzles to introduce key programming concepts. Then the students will start coding actual apps that they can post to the Apple App store. *Prerequisite: because of the logical and analytical nature of coding, the students will need to have successfully completed Algebra I with a C or higher.*

Social Studies Electives

Psychology (gr. 11-12) - This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphasis will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders. *Prerequisite: student must earn a C or better in both English 10 and Biology.*

Sociology (gr. 11-12) – This course will examine how individuals, groups, and institutions interact to make up human societies. You will learn about sociological perspectives, culture,

social structures, and social inequality. You will study people and the roles they play in society, both as individuals and groups. *Prerequisite: Students must have passed the World History I course with a C or higher and have an overall GPA of a 3.0.*

Health and Physical Education Elective

Weight Training (gr. 11 & 12) – This course designed to teach students the physical and psychological advantages of having regular physical activity and healthy eating habits. This is a basic weight training course in which principles of weight training are discussed and applied to provide a foundation of total body strength and muscle. Basic knowledge relevant to the physiology of strength, muscle power, size and endurance are considered with respect to methods of achieving specific goals. *Prerequisite: student must have earned a B or better in Health/PE 9 & 10 and must not have exceeded more than 3 times of not dressing out in their Health/PE 9 & 10 courses for the year.*

Other Electives

Yearbook – Students enrolled in this course will be specifically responsible for designing and publishing the Rappahannock High School yearbook as well as taking pictures at home games/events and selling ads. Students interested in taking this course should be creative, have basic design skills, be good writers, and be approved by the yearbook teacher.

READ 180 - READ 180 is based on a blended instructional model that includes whole-group instruction and three small-group rotations, adaptive software, differentiated instruction, and independent reading. Students will be scheduled in this course at the discretion of administration.

Service Leadership (gr. 10-12) – This course will require student leaders to plan, implement, and evaluate projects. In doing so, the student will be using both problem-solving and leadership skills. The student will be challenged to understand their role in leadership and to identify ways in which they interact with others. *Prerequisites: 3.0 or higher GPA, 2 letters of recommendations, one from a teacher and one from a community leader.* There will be outside service hour requirements. Students may not earn BETA service hours for these leadership activities.

8th Grade Seminar - This class is designed to help students build a solid foundation for becoming a successful RHS high school student. Emphasis will be placed on increasing basic knowledge content in math, science, civics, and English to provide support in their core classes. Students will continue to increase independent reading, writing, and oral communication skills. Students will also develop and/or strengthen basic computer skills. Students will develop and personalize study skills they will then be able to utilize across the curriculum.

***Classes that do not meet course number requirements may not be offered. * * Student course selection does not guarantee that students will be placed in those selected classes.**

Northern Neck Technical Center Governor's STEM Academy for Agriculture and Maritime Studies Courses

Students attending the Northern Neck Technical Center will be **required** to ride the bus to and from Rappahannock High School. Students are not permitted to drive.

Auto Body Repair I & II (3 credits) - The Collision Repair Technology course is designed to give training in automobile body repair; body construction, all types of collision repair, including frame and wheel alignment, body panel repair and replacement, acetylene welding, brazing, spot repairing and estimating.

Auto Technology I & II (3 credits) – this program is designed to provide a thorough knowledge of the mechanics of the modern automobile all it supporting systems, to develop an individual mechanical skill, and his/her interest in automotive repair and service career.

Carpentry I & II (3 credits) - The Carpentry course concentrates on residential constructions both years, with an introduction to cabinetmaking in the second year. Students will gain knowledge and skills in using tools and equipment, interpreting and using blueprints and specifications, layout of a building, framing the building and in finishing both the exterior and interior.

Cosmetology I & II (3 credits) - Cosmetology is a two-year course. It provides training in manicuring, shampooing, permanent waving, facials, massages, scalp treatment, hair cutting, chemical relaxing and styling. A student who satisfactorily completes the two years of study in cosmetology at the center qualifies to take the State Board Examination to become a licensed cosmetologist.

Computer Systems Technology I & II (3 credits) – This course is designed to provide students with classroom and laboratory experience in current and emerging information technology (IT) that will empower them to enter employment and/or further education and training in the IT field. Students will gain expertise in software and hardware, communications, I.T., and systems support. The course also covers upgrades, maintenance, Microsoft Technology Certifications for entry level technicians, and instruction in basic computer design and architecture.

DE Nurse Aide (3 credits) – This is a college level course with dual enrollment at Rappahannock Community College. Nursing assistant is a one-year program designed to help a student learn basic knowledge and develop skills necessary to become a nursing aide. In health care facilities, this work generally consists of bathing patients, tracking and recording vital signs and other duties that enable nurses to devote more time to work requiring professional and technical training. *A total of nine dual enrollment college credits can be obtained.*

DE Culinary Arts I & II (3 credits) – The Culinary Arts course is designed to prepare students for entering employment in food service occupations. The training program is particularly valuable because a major portion of the student’s skill is acquired through actual cooking, study in the use and care of equipment, food standards and proper sanitation procedures, including public health aspects of food handling. It is a two-year program. *A total of sixteen dual enrollment college credits can be obtained.*

Electricity I & II (3 credits) - The program focuses first and foremost on safety. Other areas the students will explore are: hand tools and power use, equipment and materials identification, circuitry diagramming, splicing and connections, rough-in of boxes and cables, blueprint reading, working to the electrical code, employer/employee relations and communication skills.

Horticulture Science, Greenhouse Plant Production & Management (3 credits) - In this course, students develop the necessary knowledge, skills, habits, and attitudes for entry-level employment and advancement in areas such as floriculture, landscape design, greenhouse operation, nursery plant production, and turf management. They receive instruction in using soil and other plant-growing media and in identifying, propagating, and growing horticultural plants in the greenhouse and land laboratory.

Landscaping (3 credits) - In this course, students develop the necessary knowledge, skills, habits, and attitudes for entry-level employment and advancement in areas such as landscape design, landscape construction, and landscape maintenance. They receive instruction in sketching and drawing, analyzing a landscape site, designing for function and aesthetics, identifying and selecting landscape plants, purchasing and installing plants, and maintaining the landscape by watering, fertilizing, mulching, pruning, and controlling pests.

Marine Service Technology I & II (3 credits) - The Marine Trades program is a two-year program. This program is designed to offer students hands-on operation of boats, motors and trailers and to teach the practical application in Marine Technology.

DE Introduction to Engineering Design - In this foundation course in Project Lead the Way (PLTW), students use 3-D computer modeling software as they learn the engineering-design process and solve design problems for which they develop, analyze, and create product models. *Prerequisite: Students should have taken and passes Geometry.*

DE Principles of Engineering - In this foundation course in Project Lead the Way (PLTW), students explore the engineering profession and the fundamental aspects of engineering problem solving. Students study the historical and current impacts of engineering on society, including ethical implications. Mathematical and scientific concepts will be applied to fundamental engineering topics, including mechanics and electrical-circuit theory.

The below courses are part of a sequence taken in the same year at the Northern Neck Technical Center. The first course (CEA) is taken in the first semester and the second course

(EDD) is taken in the second semester. The courses are offered in the pm timeframe. Students have to apply for the program through the NNTC application process.

DE Civil Engineering and Architecture (CEA) - The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. The course provides teachers and students freedom to develop the property as a simulation or for students to model the experiences that civil engineers and architects face. Students work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use Revit, which is a state of the art 3D design software package from Autodesk, to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture. *Prerequisite: Introduction and Principle of Engineering. This course is designed for 11th or 12th grade students.*

DE Engineering Design & Development (EDD) - This capstone course allows students to design a solution to a technical problem of their choosing. This is an engineering research course in which students will work in teams to research, design, test, and construct a solution to an open-ended engineering problem. The product development lifecycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead the Way courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable asset to students in the future. *This course is designed for 11th or 12th grade students.*

For more information regarding programs offered at the technical center visit the website at www.northernnecktech.org.

Virtual Virginia Courses

*** All courses are taken online during the school day. Students will have access to a phone to speak with their virtual teacher. A proctor will be in the class at all times to help the students. These courses must be registered for by March 27, 2020 through Rappahannock High School. Also, Virtual Virginia works on a separate schedule for deadlines and even in the event of inclement weather may still require assignments to be completed and submitted. While students have the opportunity to work during the school day, it is recommended that students have alternative plans for internet access in order to submit items to Virtual Virginia. For more information on Virtual Virginia courses go to: www.virtualvirginia.org*

AP Art History -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.

AP Biology - Advanced Placement Biology is designed to be the equivalent of a first year introduction college biology course. Students should have successfully completed foundation courses in biology and chemistry. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

AP Calculus AB - Advanced Placement Calculus AB develops the students' understanding of the concepts of calculus and provides experience with its methods and applications. The course emphasizes a multi representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally.

AP Calculus BC - Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics. Both courses represent college-level mathematics for which most colleges grant advanced placement and credit.

AP Chemistry - Advanced Placement Chemistry is designed to be the equivalent of the first year college course in Chemistry. Students will attain a depth of understanding in the fundamentals and competence in dealing with chemical problems. This course will contribute to a student's ability to think clearly and express their ideas both orally and in writing with clarity and logic. The topics will emphasize chemical calculations and mathematical formulation of principles. The online laboratory experience will be equivalent to that of a typical college course.

AP Chinese Language and Culture - It is a rigorous college level course equivalent to a fourth year college course in Mandarin Chinese. Students will demonstrate proficiency in presentational, interpersonal and interpretive communication through listening, speaking, reading and writing.

AP Computer Science A - The purpose of AP Computer Science A is to lay the foundation for object-oriented programming. The course aims at teaching the students computer science concepts. Java is used as the vehicle to teach them. The focus is more on the concepts and abstract ideas rather than on the syntax. The course is about design of classes, algorithms, programming techniques and introduction to data structures like arrays and array lists.

AP English Language and Composition - The focus of Advanced Placement English Language and Composition is rhetorical analysis and argumentative writing. Students will be trained in analyzing texts for tone, purpose, syntax, rhetorical strategies, diction, and figures of speech. At the same time, students will analyze persuasive speeches and essays for their validity in reasoning and effectiveness in persuasion.

AP English Literature and Composition - Advanced Placement English Literature and Composition is designed to challenge the student's ability to think critically, to analyze and evaluate literature and its literary devices, and to write analytical essays effectively. The course draws from a diverse selection of literature from various genres, eras, topics, themes, and

authors from an array of backgrounds, ethnicities, and cultures. In addition, information concerning cultural, historical, philosophical, and psychological influences is addressed.

AP Environmental Science - Advanced Placement 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.

AP European History - The study of European history since 1450 A.D. introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse.

AP French Language - The course is a rigorous college level course equivalent to that of a third year course in college. Students should have a strong knowledge of grammar and vocabulary as well as good listening, speaking, reading and writing skills. All instruction, written and verbal communication will be conducted almost exclusively in French.

AP Government and Politics: US - Advanced Placement Government is designed to present students with an analytical perspective of government and politics in the United States. The course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course will include the various institutions, groups, beliefs and ideas that constitute U.S. political reality.

AP Human Geography - Advanced Placement 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 peoples 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.

AP Latin - Students develop the ability to read, translate, understand analyze and interpret the entire text in English of Vergil's Aeneid, and Caesar's Gallic War (Books 1,6,7) the historical, social, cultural, and political context of Vergil's Aeneid, Caesar's Gallic War and the examination of sight passages from other Roman authors.

AP Physics - The course focuses on providing students with a survey of the major areas of physics – mechanics, fluids, waves, optics, electricity, magnetism and modern physics (atomic and nuclear). Students learn to think like scientists: making predictions based on observations, writing hypotheses, designing and completing experiments, and developing conclusions based on the analysis of data derived from these experiments.

AP Psychology - Advanced Placement Psychology provides an overview of current psychological theory and practice. Students will explore the systematic and scientific study of the behavior and mental processes of humans and other animals. Students will be exposed to the principles,

concepts and phenomena associated with major subfields within psychology, including biological bases of behavior, cognitive and emotional processes, and diagnosis and treatment of psychological disorders.

AP Spanish Language - Advanced Placement Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply lessons in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of all verb forms and tenses.

AP Statistics - Advanced Placement Statistics is a college-level, non-calculus based course in introductory statistics. This course is designed to present strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students will work on projects involving the hands-on gathering and analysis of real world data.

AP US History - Advanced Placement U.S. History is a college level course that combines learning factual knowledge with developing analytical skills. Emphasis is given to developing interpretive writing skills while assessing historical material according to relevance, reliability, and importance by weighing the evidence presented in historical scholarship. Heavy emphasis is given to essay writing and developing superior writing skills. The course includes materials from discovery and settlement to present day America.

AP World History - AP World History is a challenging, college-level history course that seeks to understand the larger patterns of human history from roughly 10,000 years ago to the present day. With such a broad scope of study, AP World History focuses less on individual nations or regions and instead focuses on patterns of interaction and shared experiences between societies. For example, we will concentrate both on how peoples of the world came together at significant places and times as well as how different groups of people shared and developed processes that might not have included direct interaction.

Arabic - In this course, students continue to develop their communicative competence by interacting orally and in writing with other Arabic learners and speakers, understanding Arabic oral and written messages, and making oral and written presentations in the Arabic. They will begin to show a greater level of accuracy when using basic language structures, and they are exposed to more complex features of the language. Students will read material on familiar topics and write short, directed compositions. The emphasis will continue to be placed on the use of authentic materials to learn about the Arabic culture.

Chemistry - Chemistry is a comprehensive course that focuses on the understanding of concepts in chemistry and the mastery of critical scientific skills. Students extend their knowledge by applying the scientific method – observation, data collection, analysis, hypothesis and conclusion. They are encouraged to look at chemistry from both a personal and worldly perspective, and analyze the social implications of the topics covered.

Chinese - 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.

Creative Writing - 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 formal, 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.

Earth Science - This course involves the study of the features and forces of our planet and its place in the universe. It includes topics in astronomy, geology, meteorology, oceanography, and physical geography. Environmental concerns, energy, earth processes, and the influence of science, technology, and society are significant parts of the program.

Economics and Personal Finance - This course will present economic concepts that help students interpret the daily news, understand how interdependent the world's economies are, and anticipate how events will impact their lives. On a personal level, students will learn that their own human capital (knowledge and skills) is their most valuable resource and that investing in education and training improves the likelihood of their future economic success.

French - The course consists of oral and written practice while studying vocabulary, grammar and French culture. Reading, writing, speaking, and listening are introduced. Emphasis is placed on listening and speaking skills. Students learn conversational dialogue based on everyday patterns.

Introduction to Game Design & Development (gr. 10-12) - This course is an introductory overview of the electronic game design and development process and underlines the historical context, content creation strategies, and future trends in the industry. The course will also explain how games are produced, tested and released. Students will create games using the free Game Maker game creation tool. Students should expect to spend 2 to 3 days each week learning basic tools and principles and the rest of the week working on lab assignments and creating games. Student work will be required outside of class time.

Latin - Students develop the cultural understanding and linguistic performance skills necessary to experience the culture of the classical world. Students will gain greater perspective of the present by examining the culture and language of the Romans in areas such as history, government, literature, art, architecture, philosophy, and religion.

Physics - Physics aids students in synthesizing the fundamental concepts and principles concerning matter and energy through the laboratory study of mechanics, wave motion, heat, light, electricity, magnetism, electromagnetism, and atomic and nuclear physics. Students have opportunities to: (1) acquire an awareness of the history of physics and its role in the birth of technology, (2) explore the uses of its models, theories, and laws in various careers, and (3) investigate physics questions and problems related personal needs and social issues.

Pre-Calculus/Mathematical Analysis - The purpose of this course is to study functions and develop skills necessary for the study of calculus. The pre-calculus course includes analytical geometry and trigonometry. The course content will cover the following concepts: polynomial,

rational, exponential, inverse, logarithmic, and circular functions, sequences and series, vectors, conic sections, polar coordinate systems, mathematical induction, and matrix algebra and system of equations.

Spanish - The course consists of oral and written practice while studying vocabulary, grammar and Spanish culture. Reading, writing, speaking, and listening are introduced. Emphasis is placed on listening and speaking skills. Students learn conversational dialogue based on everyday patterns.

Survey of World Language and Culture - This course is designed to expose middle school students to the language and culture of four world languages; Latin, Spanish, French, and Chinese to more appropriately prepare students to undertake the expectations of high school level world language courses.

World History and Geography I - This course examines the development of human societies from pre-history to 1500 A.D. Students will explore the historic, economic, and cultural contributions of ancient and classical civilizations, both western and non-western. Basic historical concepts such as, conflict, change, and diversity will be investigated.

World Mythology - The purpose of this class is to introduce students to the origins and meaning of myths, and the major themes, stories, characters, and archetypes present in the mythologies of several different cultures. The course will concentrate on Greek and Roman mythology, but will also include material from Norse, Celtic, Egyptian, African, Eastern, and Native American mythology.

** The Virtual Virginia Program offers online courses to students across the commonwealth and nation. The courses utilize the Desire2Learn and Canvas course management software to maximize the interactivity of each class. Each course contains video segments, audio clips, whiteboard and online discussions as well as text.

Statement of Non-Discrimination

Richmond County Public Schools Career and Technical Education program offers a variety of career and technical programs to all students at the middle and high school levels. The program areas include: agriculture education; business and information technology; and JROTC.

The regional career and technical education program offered at the Northern Neck Technical Center offers numerous programs to RCPS students in grades 10 through 12 in the areas of: agriculture education; trade and industrial education; technology education; and health and medical sciences.

For more information about Career and Technical Education, call (804) 333-3551 or (804) 333-4940.

The Richmond County School Division does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities; and if applicable, provides equal access to the Boy Scouts and other designated youth groups.

The following person has been designated to handle inquiries regarding the nondiscrimination policies.

Title IX and Section 504:

Sarah M. Schmidt, Assistant Superintendent
P.O. Box 1507
Warsaw, VA 22572 804-333-3681
sschmidt@richmond-county.k12.va.us