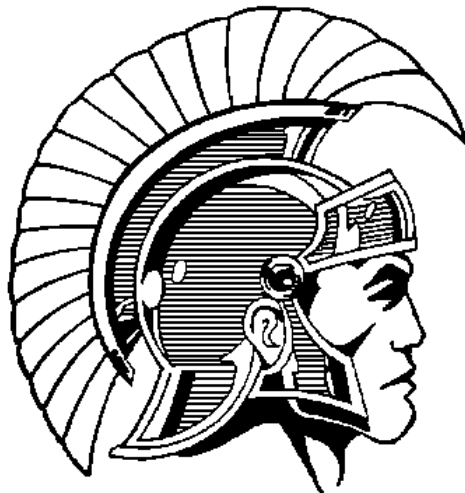


New Kent High School

Program of Study



2024-2025

Parents and Students,

This book contains information that will enable you and your student to plan his or her high school career according to your goals and desires for future education or a career. The book also explains high school graduation requirements for the Commonwealth of Virginia. It presents a wide range of information needed to select courses that will prepare you for college and other post high school opportunities. Planning your school program of studies and your career should go hand in hand. A worksheet is provided for you to align courses and future career plans accordingly. To ensure that the student has the best counsel in future planning, we encourage the family to participate in course selection.

When selecting courses for next year, think about the future. What are you planning to do: *ENROLL*, *ENLIST* or *EMPLOY*? To make realistic choices, using Xello as a platform to help guide you, it is important to consider your aptitudes, interests, strengths, personality, values, and weaknesses. With the help of family, teachers, administrators, and counselors, choose courses that best meet your needs.

Please feel free to contact the high school administrators at 804-966-9671 or one of the school counselors at 804-966-9675 if you have questions about the courses offered at New Kent High School. More student planning information can be found on the school counseling webpage:
http://nkhs.newkentschools.org/students/school_counseling

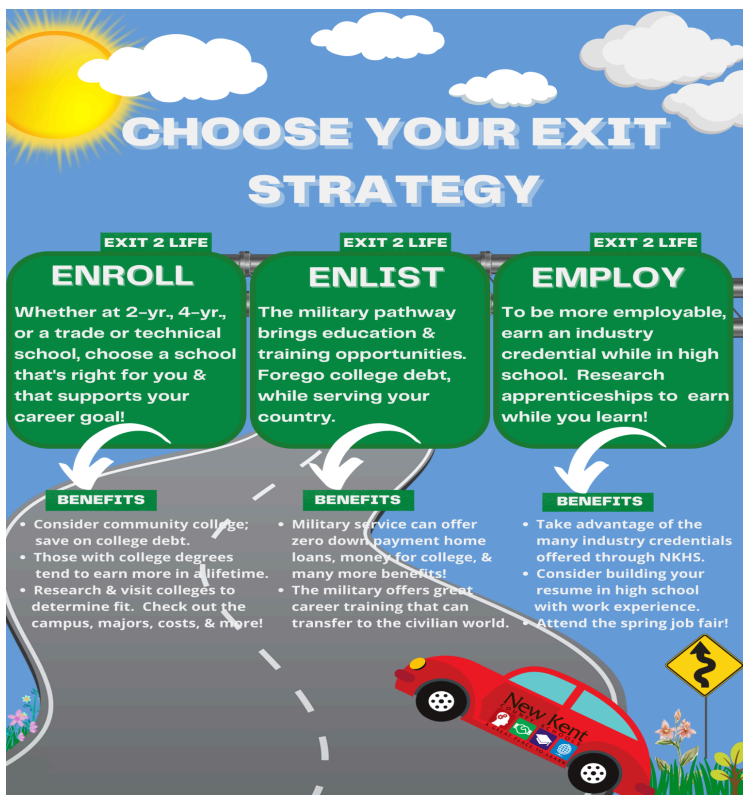
ADMINISTRATION:

Mr. Christopher Valdrighi	Principal
Ms. Allison Strickland	Asst. Principal
Ms. Wendi James	Asst. Principal

SCHOOL COUNSELORS:

Ms. Liz Ahlfield	Last Names A-E
Ms. Rita Richardson	Last Names F-Ma
Ms. Jennifer Dwiggin	Last Names Mc-Sn
Mrs. Pam Nixon	Last Names So-Z

Mrs. Bonnie Minor, School Counseling Secretary/Registrar



Four Year Planning Worksheet

Name _____ Diploma Type: Advanced Studies _____
Standard _____

Educational plans following high school _____

Career plans following high school _____

Graduation Year _____

Rising sophomores, juniors, and seniors, will register course requests by homeroom sessions with the school counselors. Rising freshmen will register at Course Request Nights in January with the support of the high school counselors.

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	<i>Eng. 9 or Eng. 9 Honors</i>	<i>Eng. 10 or Eng. 10 Honors</i>	<i>Eng. 11, Eng. 11 Honors, or DE Eng. 11</i>	<i>Eng. 12, Eng. 12 Honors, ,DE Eng. 12</i>
Mathematics	<i>Math courses will vary grades 9-12 based on student needs</i>	<i>Math courses will vary grades 9-12 based on student needs</i>	<i>Math courses will vary grades 9-12 based on student needs</i>	<i>Math courses will vary grades 9-12 based on student needs</i>
*Lab Science	<i>Environmental Science</i>	<i>Biology, Biology Honors, Chemistry (select students)</i>	<i>Science courses grades 11 and 12 will vary based on student needs</i>	<i>Science courses grades 11 and 12 will vary based on student needs</i>
Social Studies	<i>World History I or World History I Honors</i>	<i>World Geography, World Geography Honors, or World History II, World History II Honors, (History is required in 10th for the Advanced Diploma)</i>	<i>Virginia/US History, Virginia/US History Honors, or DE Virginia/US History</i>	<i>Virginia/US Government, Virginia/US Government Honors, or DE Virginia/US Government</i>
Health & PE	<i>Hlth. & PE 9</i>	<i>Hlth. & PE10</i>		
Elective or World Language	<i>World Language is required for an Advanced Diploma</i>			
Elective			<i>Economics & Personal Finance</i>	<i>Economics & Personal Finance (if not taken in 11th)</i>
Elective				
	Please note additional graduation requirements listed with diploma information on the following pages.			

*NKHS requires that students take Chemistry in order to earn the advanced diploma.

STANDARD DIPLOMA
Course and Verified Credit Requirements
 (From the Virginia Department of Education, doe.virginia.gov)

Subject Area	Standard Credits	Verified Credits	Specifications
English	4	2	N/A
Mathematics	3	1	Courses completed to satisfy this requirement shall include at least two different 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. An approved computer science course credit earned by students may be considered a mathematics course credit.
Laboratory Science	3	1	<p>Courses completed to satisfy this requirement shall include course selection from at least two different science disciplines: 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 courses to satisfy this requirement. An approved computer science course credit earned by students may be considered a science course credit.</p> <p>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 and 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 as an additional test to verify student achievement.</p>
History and Social Sciences	3	1	<p>Courses completed to satisfy this requirement shall include Virginia and U.S. history, Virginia and U.S. government, and one course in either world history or geography or both. The board shall approve courses to satisfy this requirement.</p> <p>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 and 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 as an additional test to verify student achievement.</p>
Health and Physical Education	2	0	N/A
World Language, Fine Arts or Career and Technical Education	2	0	Credits earned for this requirement shall include one credit in fine or performing arts or career and technical education. An approved computer science course credit earned by students may be considered a career and technical course credit.
Economics & Personal Finance	1	0	N/A

Electives	4	0	Courses to satisfy this requirement shall include at least two sequential electives. More information is provided in the Guidance Document Governing Certain Provisions of the SOA (8VAC-20-131) (Word).
Total	22	5	N/A

Additional Requirements for Graduation

- **AP, Honors, IB, Dual Enrollment, Work-Based Learning, or CTE Credential** - Students shall (i) complete an Advanced Placement, honors, International Baccalaureate, or dual enrollment course; or (ii) complete a high-quality work-based learning experience, as established by Board guidance on work-based learning; or (iii) 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 studies diploma requirements. The 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.
- **Virtual Course** - 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. Guidance on this requirement is provided in the [Guidance Document Governing Certain Provisions of the SOA \(8VAC20-131\)](#) (Word).
- **First Aid, CPR, and AED Training** - Students shall be trained in emergency first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillators (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).
- **Demonstration of the 5 C's** - In accordance with the Profile of a Virginia Graduate, students shall acquire and demonstrate foundational skills in [Virginia's 5 C's](#): critical thinking, creative thinking, collaboration, communication, and citizenship.

ADVANCED DIPLOMA
Course and Verified Credit Requirement
 (From the Virginia Department of Education, doe.virginia.gov)

Subject Area	Standard Credits	Verified Credits	Specifications
English	4	2	N/A
Mathematics	4	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. An approved computer science course credit earned by students may be considered a mathematics course credit.
Laboratory Science	4	1	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. An approved computer science course credit earned by students may be considered a science course credit.
History and Social Sciences	4	1	Courses completed to satisfy this requirement shall include Virginia and U.S. history, Virginia and U.S. government, and two courses in either world history or geography or both. The board shall approve additional courses to satisfy this requirement.
World Language	3	0	Courses completed to satisfy this requirement shall include three years of one language or two years of two languages.
Health and Physical Education	2	0	N/A
Fine Arts or Career and Technical Ed	1	0	An approved computer science course credit earned by students may be considered a career and technical credit.
Economics & Personal Finance	1	0	N/A
Electives	3	0	Courses to satisfy this requirement shall include at least two sequential electives. More information is provided in the Guidance Document Governing Certain Provisions of the SOA (8VAC-20-131) (Word).
Total Credits	26	5	N/A

Additional Requirements for Graduation

- AP, Honors, IB, Dual Enrollment, Work-Based Learning, or CTE Credential - Students shall (i) complete an Advanced Placement, honors, International Baccalaureate, or dual enrollment course; or (ii) complete a high-quality work-based learning experience, as established by Board guidance on work-based learning; or (iii) 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 studies

diploma requirements. The 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.

- Virtual Course - 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. Guidance on this requirement is provided in the [Guidance Document Governing Certain Provisions of the SOA \(8VAC20-131\)](#) (Word).
- First Aid, CPR, and AED Training - Students shall be trained in emergency first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillators (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).
- Demonstration of the 5 C's - In accordance with the Profile of a Virginia Graduate, students shall acquire and demonstrate foundational skills in [Virginia's 5 C's](#): critical thinking, creative thinking, collaboration, communication, and citizenship.

GENERAL INFORMATION

Grade Point Average (GPA) & Grading Scale

GPA is determined based on a 4.0 scale using all courses attempted.

Weighted Courses

All high school credit Honors-level courses will receive a 0.5 weight. Advanced Placement and Dual Enrollment will receive a 1.0 weight. Other Honors weighted courses will include: Spanish IV, Spanish V, French IV, and French V.

Advanced Placement Courses (AP)

Students are able to request an AP class, but it is recommended that the student earn a B or better in the previous course. The following information applies to all AP courses taught at New Kent High School:

- All students taking AP classes must complete required summer work, when applicable, prior to the start of class.
- All students taking an AP class are required to take the AP exam. The cost of the exam is \$95.00. Any student NOT taking the AP exam will NOT receive additional weighting.

Dual Enrollment Courses (DE)

Students are able to request DE courses but it is recommended that the student earn a B or better in the previous course. In order to take DE courses students must enroll with Rappahannock Community College, meet requirements including GPA, PSAT, and/or SAT scores.

Availability of Course Offerings

Final selection of scheduled courses is contingent upon sufficient enrollment, funding, and teacher availability.

Dual Enrollment (DE) and Advanced Placement (AP) courses require specific teacher certifications and are subject to availability based on qualified staffing.

New Kent High School Athletics/VHSL Activities' Eligibility

To be eligible: All students must have earned three credits the previous semester and must currently be enrolled in not less than three (3) semester long credit bearing classes or two (2) semester long classes and one (1) year-long course. Students are not permitted to withdraw from a class when a season ends. All classes must be completed in their entirety.

Early College Scholar Program

Early College Scholar students must have at least a "B" average, be pursuing an Advanced Studies Diploma, be on course to complete a minimum of 15 college credit hours by graduation, and be accepted into a college or university. Students must complete an intent form at the start of the school year to be eligible for this recognition. If the criteria are met the student will receive a certificate by mail the summer after his/her graduation.

Students Who Transfer Into New Kent High School:

Students transferring in from another school or institution will need to meet with a school counselor to discuss graduation requirements and their GPA. Students will receive the letter grade assigned by the school at which the student took the course. Only weighted courses from the previous school with an equivalent at NKHS will be weighted. These courses will be weighted according to the NKHS weight.

Sequenced Classes:

Students may request only one English, Math, Science, Health/PE, and Social Studies class when completing registration. However, all students, with the exception of rising 9th graders, may select a course level of General, Honors, Advanced Placement, and/or Dual Enrollment. Requests for additional courses in core areas may be made as an alternate selection and require the completion of the *Student Request for Double Content Course* form. This does not apply to elective courses or to students who need to make up a required course in which they have failed. Students may request two courses in world language. Every effort will be made to schedule languages in consecutive semesters.

Drop/Add:

No course corrections will be considered after the first four class meetings of each semester. After the fourth class meeting any class that is dropped will result in a grade of F that will become a part of the student's transcript. The dropping of a class, without penalty, after the fourth class meeting will require approval of the student's parent, teacher, school counselor, and principal.
Please note: Students and parents are given multiple opportunities to participate in course selection during the scheduling process. Because there are multiple opportunities for parents and

students to adjust course selections during the scheduling process, course corrections during the four class meeting add/drop period will only be considered for special circumstances.

scales and more! **Classes with an asterisk in this Program of Study are those included as approved classes for the NCAA in determining your 16 approved classes**

Repeating a Class for Strength and or due to failure:

Students may retake a class to strengthen a grade if they have parental permission and if there is space available. Following the completion of both courses, the first and second attempts will be reflected on the transcript. The highest grade of the two attempts will count towards the student's GPA. See a school counselor to take advantage of this opportunity. Please note: Virginia High School League rules regarding "audits" apply for those students who are athletes.

Expunge Grade

In any high school credit-bearing course taken in middle school, a parent may request that the grade be expunged from the student's transcript and may request that the student not earn high school credit for the course. Such requests shall be made in writing and shall include a parent or guardian's signature. So that the student may be appropriately scheduled, such requests must be submitted to the school counseling department prior to the last day of school (8th grade).

Requirements for Grade Level Promotion

Grade 9 to 10: 6 credits

Grade 10 to 11: 12 credits

Grade 11 to 12: 17 credits **

** And have all required subjects completed by the end of junior year and be taking English 12.

NCAA Eligibility Information

Students being strongly considered for collegiate athletics on the Division I or II level MUST register on the NCAA Clearinghouse at eligibilitycenter.org. Registration is encouraged during your junior year. Students intending to participate on the Division III level do NOT need to register with the NCAA Clearinghouse. There is a registration fee imposed by NCAA. Eligibility hinges on completing a minimum of 16 approved courses and earning a minimum GPA and SAT or ACT score, listed as a sliding scale. Students are invited to meet with their counselor to discuss qualifications further. However, the most important step is to print off the **Guide for the College-Bound Student-Athlete**. It can be found on the School Counseling website. This will outline steps to take, checklists, sliding

COURSE OFFERINGS

Course offerings for the 2024-2025 school year have been designed to meet the needs of New Kent County students in planning their program of study. Most courses will be offered as semester courses. However, there will be some courses, Advanced Placement and Dual Enrollment English courses for instance, that will be offered throughout the year meeting every other day. A/B courses will be determined based on need. All courses are available without regard to race, sex, color, national origin, or handicapping condition. Please note that elective courses require a fee. These fees are subject to change.

Not all courses listed here will be in the final schedule. Final selection of scheduled courses is contingent upon sufficient enrollment, funding, and teacher availability.

Note: Core subjects and foreign language requests will be reviewed by teachers. Adjustments may be made based on teacher recommendations.

*NCAA approved course for eligibility

LANGUAGE ARTS

Please Note:

- 1.) *To enroll in a DE, AP, or Honors course, it is recommended that you earn a B or better in the previous course.*
- 2.) *Complete summer reading assignments, if applicable, prior to the first class meeting.*
- 3.) *Meet Rappahannock Community College admission requirements for DE courses.*
- 4.) *Rising 9th graders will be placed into core level classes based on teacher recommendations, grades, and SOL scores.*

*ENGLISH 9 (1130)

1 Credit

Prerequisite: Promotion to grade 9

Grade Level: 9 Required Course

The foundational course for high school English

develops analytical reading, writing, speaking, and critical thinking. Thematic units in fiction and non-fiction reading, persuasive writing, and 21st century research skills form the basis for the class. Literary studies include a wide range of world literature from Greek mythology and Shakespeare to modern novels. Non-fiction readings include biography, essay, and informational selections. An introduction to 21st century research and technology supports development of college and career readiness. Summer reading is optional.

*ENGLISH 9 HONORS (1130H)

1 Credit

Prerequisite: Must be placed into the course based on criteria outlined above

Grade Level: 9

Required Course

Course studies include developing critical reading, thinking and writing skills leading to the AP courses and possible college credits in 11th and 12th grades. Thematic units in fiction and non-fiction reading, persuasive and expository writing, 21st century research and technology skills prepare students for the demands of college level work. Requirements include independent reading, writing and presentation of a research project. Students who are intent upon excelling in high school in preparation for the rigors of college should select this course. Completion of summer assignment is optional.

*ENGLISH 10 (1140)

1 Credit

Prerequisite: English 9

Grade Level: 10

Required Course

The second course for high school English continues to develop analytical reading, writing, speaking, and critical thinking. Thematic units in fiction and non-fiction reading, persuasive and expository writing, and 21st century research skills form the basis for the class. Literary studies include a wide range of world literature, Shakespeare, and modern novels. Non-fiction readings include memoir, essay, and informational selections. Continued study of 21st century research and technology skills support development of college and career readiness. Summer reading is optional.

***ENGLISH 10 (1140)-HONORS**

1 Credit

Prerequisite: Recommended that you earn a B or better in the previous course.

Grade Level: 10 Required Course

Course studies continue developing critical reading, thinking and writing skills leading to the DE courses and possible college credits in 11th and 12th grades. Literary studies include a wide range of world literature, Shakespeare, and modern novels. Non-fiction readings include memoir, essay, and informational selections. Fiction and non-fiction reading, persuasive and expository writing, 21st century research and technology skills prepare students for the demands of college level work. Requirements include independent reading, writing and presentation of a research project. Students who are intent upon excelling in high school in preparation for the rigors of college should select this course. Completion of summer assignment is optional.

***ENGLISH 11 (1150)**

1 Credit

Prerequisite: English 10

Grade Level: 11 Required Course

American literature provides the focus for this course of study. Short stories, novels, plays, poetry, biography, and political writings provide a broad view of the development of themes in American culture. Students write persuasively throughout the semester as final preparation for the mandatory End of Course Standards of Learning Writing test, read independently in final preparation for the mandatory End of Course Standards of Learning Reading test, and complete a research paper applying 21st century research and technology skills. Summer reading is optional.

***ENGLISH 11 (1150)-HONORS**

1 Credit

Prerequisite: Recommended that you earn a B or better in the previous course.

Grade Level: 11 Required Course

Course studies include developing critical reading, thinking and writing skills through the great themes in American literature. Fiction and non-fiction reading, persuasive and expository writing, 21st century research and technology skills prepare students for the demands of college level work. Requirements include independent reading, writing,

and completion of a research paper. Students who are intent upon excelling in high school in preparation for the rigors of college should select this course. Completion of summer assignments is optional.

***D.E. ENGLISH 11 (1150DE)**

1 Credit

Prerequisite: Recommended that you earn a B or better in the previous course. Meet prerequisite requirements for Rappahannock Community College.

Grade Level: 11

Fee: \$15 per college credit (\$90)

Dual Enrollment English 11 actually is comprised of two courses: English 111 and English 112. English 111 introduces students to critical thinking and the fundamentals of academic writing. Through the writing process, students refine topics; develop and support ideas; investigate, evaluate, and incorporate appropriate resources; edit for effective style and usage; and determine appropriate approaches for a variety of contexts, audiences, and purposes. Writing activities will focus on the rhetorical methods for writing, frequently called the “modes of discourse.” English 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 texts about the human experience and focusing on writing about literature. The course requires students to locate, evaluate, integrate, and document sources and effectively edit for style and usage. Students will earn 6 Dual Enrollment credits upon successful completion of DE English 11 and one high school credit.

***ENGLISH 12 (1160)**

1 Credit

Prerequisite: English 11

Grade Level: 12 Required Course

The purpose of the English 12 course is to develop skills in the areas of written and oral communication, critical thinking, and abstract and analytical reasoning. English 12 students study the historical and literary culture of Europe with an emphasis on British Literature. Throughout the course, students will build upon prior skills to develop their writing skills for many different genres while reading and analyzing varied texts. Summer reading is optional.

***ENGLISH 12 (1160)-HONORS**

1 Credit

Prerequisite: Recommended that you earn a B or better in the previous course.

Grade Level: 12 Required Course
Designed for college bound students, the English 12 honors class will use major themes in British and World literature to develop close reading, critical thinking, oral and written reasoning. Rigorous work with a variety of research projects will provide strong preparation for post-secondary study. Completion of summer assignment is optional.

***D.E. ENGLISH 12 (116001DE)**

1 Credit

Prerequisite: Recommended that you earn a B or better in the previous course.

Meet prerequisite requirements for Rappahannock Community College.

Grade Level: 12

Fee: \$15 per college credit

DE English 12 is comprised of English 111, 112, and 245. A combination of collegiate level reading and writing. Examines British literary traditions and texts from diverse time periods, genres, and authors. Develops critical thinking and interpretive skills through close reading, discussion, and analysis of literary texts in their historical, cultural, social, and/or literary contexts. Develops students' ability to write for academic and professional contexts with increased emphasis on argumentation and research. Requires students to evaluate, integrate, and document print and digital sources to produce a range of academic and multimodal texts, culminating in a fully documented research paper.

CREATIVE WRITING (1171)

1 Credit

Prerequisite: Successful completion of English 9.

Grade Level: 10-12 Elective Course

This course explores the basic types of creative writing, including creative nonfiction, short story, poetry, children's fiction, and one act plays. Students will improve their writing by exploring their own creativity and imagination through their own attempts of the different styles. They will also read, analyze, and respond to different types of published writing in order to gain an understanding of writer's craft. Throughout the course, students will combine writing, reading, and

presentation skills in order to gain a full understanding of what helps to make all types of writing effective.

***JOURNALISM I (1200B)**

1 Credit

Prerequisite: Successful completion of English 9 OR *If entering 9th grade you were a member of the Middle School yearbook staff in 8th grade or took Journalism at the middle school.

Grade Level: 9*-12 Elective Course

This course will serve as a learning workshop for students interested in working on the yearbook staff and may provide students with insights into college and career choices. Out-of-class work will be required.

JOURNALISM II (1210B)

1 Credit

Prerequisite: Successful completion of English 10 and Journalism I and a desire to continue honing media skills while taking on a leadership role is required.

Grade Level: 11-12 Elective Course

Students will report, write, edit, and produce the yearbook in class and participate in out-of-class photography, interview, and design sessions. Staff members will research and write all yearbook content and will use digital photography, Yearbook Avenue, Canva, and other available technology for design and production.

JOURNALISM III

1 Credit

Prerequisite: Successful completion of English 11 and Journalism I and II and selection by the yearbook adviser upon completion of yearbook application.

Grades 12 Elective Course

Students who have successfully completed Journalism I and II are expected to serve in a leadership role and complete an independent study project upon enrollment in Journalism III. Journalism III provides students advanced opportunities for learning editorial leadership, developing a personal sense of professionalism, and becoming productive members of the yearbook staff. Senior editors will plan, report, write, edit, and produce the school yearbook in class and during out-of-class photography, interview, and design sessions. Editors will design yearbook pages and assist junior members of the staff.

Editors will use digital photography, Yearbook Avenue, Canva, and other available technology for design and production.

***PUBLIC SPEAKING (1399B)**

1 Credit – Prerequisite: None
Grade Level: 9-12 Elective Course

Public speaking is a course where students will build their written and oral communication skills by preparing and performing a wide variety of oral presentations including storytelling, persuasive speeches, and multimedia projects. In this class, students will express their ideas and creativity through formal presentations and informal open mics so that they can build their confidence for speaking in front of an audience. Students will also learn how to adapt their message for specific audiences and will have opportunities to practice and workshop presentations for other classes. A strong background in writing is preferred, but not necessarily required.

SOCIAL STUDIES

To enroll in a DE, AP, or Honors course, it is recommended that you earn a B or better in the previous course.

•Rising 9th graders will be placed into core level classes based on teacher recommendations, grades, and SOL scores.

***WORLD HISTORY I TO 1500 A.D. (2215) OR WORLD HISTORY I TO 1500 A.D (2215H) HONORS**

1 Credit
Grade Level: 9 Required Course

Rising 9th graders will be placed into core levels based on MAP scores, teacher recommendation, grades, and SOL's.

Students study the world from ancient times to 1500. The course highlights the relationship between the geography and history of Europe, Africa, Asia, and Latin America. Students refine and expand critical thinking skills, practice decision making and problem solving, and formulate questions to guide research.

***WORLD HISTORY II: 1000 A.D. TO PRESENT (2216) OR WORLD HISTORY II: 1000 A.D. TO PRESENT (2216H) HONORS**

1 Credit

Prerequisite: World History I
Grade Level: 10

This course will focus on the development of history in the Western world, the influences made by non-Western cultures and the effects of both on our modern world today. Close attention will be paid to the types of art, religion, architecture, and literature as well as geographical, political, and social developments of Eastern and Western civilizations.

***WORLD GEOGRAPHY (2210) OR WORLD GEOGRAPHY (2210H) HONORS**

1 Credit
Prerequisite: World History I
Grade Level: 10

World Geography encompasses the study of the world. Each continent will be studied physically, politically, economically, and culturally. Students learn to work individually as well as in small and large groups. Social studies skills, such as the interpretation and use of maps and graphic materials are emphasized as a means to discover and make use of information.

***VIRGINIA AND U.S. HISTORY (2360) OR VIRGINIA AND U.S. HISTORY (2360H) HONORS**

1 Credit
Prerequisite: World History I or II
Grade Level: 11 Required Course

This course includes a chronological study of major events, documents, issues, and personalities from the period of western exploration to the present day. Emphasis will be placed on Virginia's historical role in the development of the major social, political, economic, diplomatic and cultural trends that define our nation. Social studies skills will be incorporated throughout the course.

***DUAL ENROLLMENT VA/US HISTORY (2360DE)**

1 Credit
Prerequisite: World History II Honors.
Recommended that you earn a B or better and meet prerequisite requirements for Rappahannock Community College.
Grade Level: 11
Fee: \$15/per credit hour (\$90)

This course is comprised of HIS 121/122. This course surveys the general history of the United States to the present and allows students to reach a basic understanding of the characteristic

features of the United States' historical development. Students will learn about some of the important political, economic, social, intellectual, cultural and religious changes that shaped the development of the United States from earliest times to the present. Students will earn 1 high school credit and 6 college credits.

***VIRGINIA AND U.S. GOVERNMENT (2440) OR VIRGINIA AND U.S. GOVERNMENT (2440H) HONORS**

1 Credit

Prerequisite: United States/Virginia History

Grade Level: 12 Required Course

This course examines the types of political and economic systems around the world with a special emphasis on the basic structure, powers/duties, and decision-making processes of each of the three branches of the U.S. government on the federal, state, and local levels. Particular consideration is placed on reading and interpreting primary and secondary resources and conducting political research.

***DUAL ENROLLMENT GOVERNMENT AND POLITICS: UNITED STATES (2440DE)**

1 credit

Prerequisite: Recommended that you earn a B or better in the previous course and meet prerequisite requirements for Rappahannock Community College.

Grade Level: 12

Fee: \$15/per credit hour (\$90)

This course is comprised of PLS 135/136. PLS 135 teaches political institutions and processes of the national government of the United States, focuses on the Congress, presidency, and the courts, and on their inter-relationships. Gives attention to public opinion, suffrage, elections, political parties, interest groups, civil rights, domestic policy, and foreign relations. PLS 136 teaches structure, powers and functions of state and local government in the United States. Students will earn 1 high school credit and 6 college credits.

***AFRICAN AMERICAN HISTORY (04107)**

1 Credit

Prerequisite: None

Grade Level: 10-12 Elective Course

This course will survey African American history

from precolonial Africa through the present. Students will be introduced to key concepts in African American history from early beginnings in indigenous Africa through the transatlantic slave trade, the Civil War, Emancipation, Reconstruction, the Civil Rights era and into the present. The course, offered in a variety of learning models, will give students an opportunity to explore social events and processes, individuals and agency, documents and institutions; and analyze past and present positions for future implications for African Americans. This course does require students to complete a Capstone project. Students will pursue independent research relative to the content on a question or problem of their choice and produce a learning object that reflects a deeper understanding of African American history.

***DUAL ENROLLMENT PSYCHOLOGY (2900DE)**

1 Credit

Prerequisite: Recommended that you earn a B or better in Biology and meet prerequisite requirements for Rappahannock Community College.

Grade Level: 11-12

Elective Course

Fee: \$15/per credit hour (\$90)

This course is comprised of PSY 200 and PSY 230. PSY 200 – Principles of Psychology Surveys the basic concepts of psychology. Covers the scientific study of behavior, behavioral research methods and analysis, and theoretical interpretations. Includes topics that cover physio-logical mechanisms, sensation/perception, motivation, learning, personality, psychopathology, therapy, and social psychology. PSY 230 – Developmental Psychology Studies the development of the individual from conception to death. Follows a life-span perspective on the development of the person's physical, cognitive, and psychosocial growth. Students will earn 1 high school credit and 6 college credits.

MATHEMATICS

***Please see the back of the Program of Studies for a flow chart of the recommended math sequence and prerequisites for courses.**
•Rising 9th graders will be placed into core level classes based on teacher recommendations, grades, and SOL scores.

***ALGEBRA I (3130)**

1 Credit

Prerequisite: Recommendation from prior math teacher will determine whether a student takes Algebra 1 or Algebra 1 Part 1.

Algebra I includes a comprehensive study of solving, graphing, and writing linear equations, quadratic equations, powers and exponents, polynomials and factoring, connections to algebra, and proportions.

***ALGEBRA I PART 1 (3131)**

1 Credit

Prerequisite: Recommendation from prior math teacher will determine whether a student takes Algebra 1 or Algebra 1 Part 1.

Algebra I Part 1 is the first of a two semester course that covers the same content as a one semester course of Algebra I. Topics will include solving, graphing and writing linear equations, direct and inverse variation, solving inequalities and systems of equations and inequalities. Graphing calculators will be used to aid in graphing functions and interpreting data. Students will also be required to use algebra as a tool to represent and solve practical problems.

***ALGEBRA I PART 2 (3132)**

1 Credit

Prerequisite: Algebra I Part 1

Algebra I Part 2 is the second half of the two semester course covering the same content as a one semester Algebra I course. Students will be expected to continue using the skills taught in Algebra I Part 1 as well as learn new topics including exponents, polynomials, factoring, and quadratic equations. Graphing calculators will be used to aid in graphing functions and interpreting data. Students will also be required to use algebra as a tool to represent and solve practical problems.

***GEOMETRY (3143)**

1 Credit

Prerequisite: Algebra I with a C or better; otherwise Geometry in parts is recommended.

Geometry is a semester long course that continues to develop critical reasoning and problem-solving skills established in Algebra 1. It covers concepts of Euclidean geometry including angles, parallel and perpendicular lines, triangles, congruent and similar figures, polygons, circles,

transformations, and three-dimensional figures. The curriculum also highlights right triangle trigonometry.

***GEOMETRY PART 1 (3144)**

1 Credit

Prerequisite: Completion of Algebra I

Geometry Part 1 is the first of a two semester course that covers the same content as a one semester full course in Geometry. This is a course where students will develop thinking and reasoning skills. Plane geometry will be the focus of the first year.

***GEOMETRY PART 2 (3145)**

1 Credit

Prerequisite: Completion of Geometry Part 1

Geometry Part 2 is the second half of the two semester course. The skills developed in Part 1 will be expanded and strengthened. Both plane and solid geometry and trigonometry will be studied in this course.

***ALGEBRA, FUNCTIONS, AND DATA ANALYSIS (3134)**

1 Credit

Prerequisite: Geometry

Algebra, Functions, and Data Analysis is a course intended to help students bridge the concepts learned in Algebra I and Geometry to Algebra II via problem solving, modeling, and real world application. Within the context of this course, students are expected to explore and gain a deeper understanding of algebra, mathematical modeling, function behavior (linear, quadratic, exponential, and logarithmic), probability, and statistics. Students will not rely solely on a textbook in this course. The more "hands on" approach will encourage collaborative learning, incorporation of technology such as graphing calculators and /or computer software to visualize and investigate modeling, functions and data analysis, as well as, applicable scenarios that a student may encounter regarding financial and statistical problem solving. The student will be able to take an active role in problem-solving and reasoning, communicating mathematical concepts, working collaboratively, and visually representing ideas using a computer and/or calculator.

***ALGEBRA II (3135)**

1 Credit

Prerequisite: Geometry

Algebra II is a class which expands many of the topics explored in Algebra I as well as introducing many new topics, designed to prepare students for upcoming math classes. Topics in Algebra II include matrices, cones, graphing (linear, inequalities, parabolas), quadratic equations, and solving systems of equations. Emphasis is placed on “hands on” type problems, related to real world problems and uses of algebra. Emphasis is also placed on using the graphing calculators to help solve problems and expand the students’ understanding of concepts.

***DISCRETE MATH (3154)**

1 Credit

Prerequisite: Algebra II

This course may be described as the study of mathematical properties of sets and systems that have a countable (discrete) number of elements. The main focus is problem solving in a discrete setting. As students solve problems they will analyze and determine whether or not a solution exists, investigate how many solutions exist, and focus on finding the best solution.

***TRIGONOMETRY (02103)**

1 Credit

Prerequisite: Algebra II with a C or better and teacher recommendation

Trigonometry is a semester course that lays the groundwork for further study of mathematics at the college level. The course presents math beyond basic algebraic operations such as lessons in logarithms, exponentials, and trigonometry, as well as the applications of these topics. Graphing calculators, such as the TI-84, are highly recommended to aid in the exploration and application of these and other topics.

***DUAL ENROLLMENT QUANTITATIVE REASONING (02999)**

1 Credit

Prerequisite: Successful completion of Trigonometry with a C or better, meet prerequisite requirements for Rappahannock Community College

Grade Level: 11-12

Fee: \$15 per college credit (\$45)

The DE Quantitative Reasoning is a course in Applied Statistics Pathway as a prerequisite to DE Statistics. This course presents topics in proportional reasoning, modeling, financial literacy, and validity studies (logic and set theory). It focuses on the process of taking real-world situations, identifying the mathematical foundation needed to address the problem, solving the problem, and applying what is learned to the original situation. Students will earn 1 high school credit and 3 college credits.

***DUAL ENROLLMENT PRE-CALCULUS (3232DE)**

1 Credit

Prerequisite: Successful completion of Trigonometry with a C or better, meet prerequisite requirements for Rappahannock Community College

Grade Level: 11-12

Fee: \$15 per college credit (\$75)

This course presents college algebra, trigonometry, and algebraic, exponential, and logarithmic functions. Students will earn 1 high school credit and 5 college credits.

***DUAL ENROLLMENT CALCULUS (3230DE)**

1 Credit

Prerequisite: D.E. Pre-Calculus completion with a C or better

Grade Level: 11-12

Fee: \$15 per college credit (\$60)

This course presents analytic geometry and the calculus of algebraic and transcendental functions including the study of limits, derivatives, differentials, and introduction to integration along with their applications. Students will earn 1 high school credit and 4 college credits.

***DUAL ENROLLMENT STATISTICS (3231DE)**

1 Credit

Prerequisite: DE Quantitative Reasoning or DE Pre-Calculus with a C or better, teacher recommendation

Grade Level: 11-12

Fee: \$15 per college credit (\$45)

This course presents an overview of statistics, including descriptive statistics, elementary probability, probability distributions, estimation, hypothesis testing, and correlation and regression. Students will earn 1 high school credit and 3

college credits.

SCIENCE

To enroll in a DE, AP, or Honors course, it is recommended that you earn a B or better in the previous course.

●Rising 9th graders will be placed into core level classes based on teacher recommendations, grades, and SOL scores.

***ENVIRONMENTAL SCIENCE**

1 Credit

Grade Level : 9

Required Course

The Virginia Environmental Science Course Content and Process Guidelines are designed to continue the student investigations that began in grades K-8. These outcomes integrate 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 should focus on student data collection and analysis through laboratory experiences and field work. These should include descriptive and comparative studies as well as investigation (i.e. meaningful watershed educational experiences). It is expected that teachers will collaborate with museums, aquaria, nature centers, government agencies, associations, foundations, and private industry in efforts to engage the community, provide diverse points of view about the management of natural resources, and offer a variety of learning experiences and career education opportunities.

***BIOLOGY (4310) OR BIOLOGY (4310H) HONORS**

1 Credit

Prerequisite: Environmental Science

Grade Level: 9-10

Required

Course

Biology is a survey course which covers the topics of cells, cell functions, genetics, evolution, microorganisms, plants, invertebrates, vertebrates, human biology, and ecology. Emphasis is placed on laboratory investigations, development of scientific theories, proper use and care of equipment, and the importance of each student's role in protecting and improving our environment.

***EARTH SCIENCE II - GEOLOGY (4240)**

1 Credit

Prerequisite: Environmental Science and Biology

Grade Level: 9-12

The Geology course provides students with an understanding of Earth's structure and composition, Earth processes, Earth history, and our Environment. Course content includes an introduction to minerals, rock types, plate tectonics, structural geology, earthquakes, volcanoes, historical geology, surface water and groundwater systems, environmental geology, landforms, coastal systems, marine geology, deserts, natural resources, and topographic maps. Emphasis will be placed on the Geology of Virginia and the Eastern United States. Current events within geoscience and our environment are also discussed. Laboratory exercises will be both hands-on and through simulations, including rock, mineral, and fossil identification, topographic mapping, structural geology, and natural resources. Field experiences may also be part of the course. This class satisfies the 3rd science that Virginia High School Students are required to take.

***EARTH SCIENCE II - OCEANOGRAPHY(4250)**

1 Credit

Prerequisite: Environmental Science and biology

Grade Level: 9-12

The focus of this course is to provide an overview of the marine environment. The content will include the nature of science, the origins of the oceans, the study of the Earth's oceans and waterways. Emphasis will be placed on the unique characteristics of the marine environment and the interrelationship between man and the ocean environment, how marine science interacts with technology and society, and the present and potential use of the ocean resource.

***CHEMISTRY (4410)**

1 Credit

Prerequisite: Biology and Algebra II or concurrent enrollment in Algebra II

Grade Level: 10-12

This course is required to meet the requirements for an Advanced Studies diploma.

Chemistry is a traditional college bound, junior year science course requiring a good math background in Algebra I and geometry. Students must have completed Biology and Algebra II before enrolling in

this class. This course develops a central theme - the properties of matter are a consequence of its structure. The principles of structure, matter-energy relationships, the mole concept, thermodynamics, and chemical equilibrium are emphasized. These principles are studied through the use of lectures, class notes, guided and individual practice on problem solving and laboratory work. This course will have a balanced approach combining chemical theories and concepts with quantitative problems. Students use prior knowledge as a foundation for learning new concepts.

***PHYSICS (4510)**

1 Credit

Prerequisite: Algebra II

Grade Level: 10-12 Elective Course

Physics is a very hands-on class that uses real-world examples and labs to show how objects move and interact. We talk about everything from how roller coasters work to why stars and black holes exist. In order to progress at an acceptable rate, students must have a good background in Geometry, be currently taking or have completed Alg. II and be highly motivated.

***BIOLOGY II-ANATOMY AND PHYSIOLOGY (4330)**

1 Credit

Prerequisites: Biology and Earth science/Env Sci.

Grade Level: 11-12 Elective Course

Human Anatomy & Physiology is one of the fundamental areas of knowledge for any student interested in further study in the field of medicine, nursing, or other allied health professions. Art, Design, Ergonomics & Industrial / Biomedical Engineering can also benefit from studying A&P. Human Anatomy & Physiology surveys the anatomical terminology, basic chemistry, cell structure and function, tissues, and the following systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive systems. The course will also include some human genetics, embryonic development, and immunology.

DUAL ENROLLMENT BIOLOGY - PART I (4300DE)

1 Credit

Prerequisite: High School Biology with a B or better; Algebra II with a B or better, teacher recommendation, meet prerequisite requirements for Rappahannock Community College.

Students are required to enroll in both parts.

Grade Level: 11-12

Fee: \$15 per college credit (\$60)

Biology 101 Focuses on foundations in cellular structure, metabolism, and genetics in an evolutionary context. Explores the core concepts of evolution; structure and function; information flow, storage and exchange; pathways and transformations of energy and matter; and systems biology. Emphasizes process of science, interdisciplinary approach, and relevance of biology to society.

Students will earn 1 high school credit and 4 college credits.

DUAL ENROLLMENT BIOLOGY PART II (4301DE)

1 Credit

Prerequisite: Completion of DE Bio Part 1

Grade Level: 11-12

Fee: \$15 per college credit (\$60)

Biology 102 Focuses on diversity of life, anatomy and physiology of organisms, and ecosystem organization and processes in an evolutionary context. Explores the core concepts of evolution; structure and function; information flow, storage and exchange; pathways and transformations of energy and matter; and systems biology. Emphasizes process of science, interdisciplinary approach, and relevance of biology to society. Part II of a two-course sequence.

Students will earn 1 high school credit and 4 college credits.

WORLD LANGUAGES

***FRENCH I (5110)**

1 Credit - Prerequisite: None

This course is an introduction to French language and culture which develops listening comprehension, speaking, reading, and writing skills. Classroom emphasis is on listening and speaking through activities such as question/answer exercises, situational dialogues, and games. Reading and writing are practiced

through textbook exercises, worksheets, and puzzles done in class, and through daily assignments done at home. Class performance and homework constitute a substantial portion of the course grade.

***FRENCH II (5120)**

1 Credit - Prerequisite: French I

The main goal of this course is to help each student develop proficiency in listening comprehension, speaking, reading, and writing skills. Emphasis is placed upon oral use of the language in the classroom setting, basic conversations and dialogues, and current affairs in French-speaking areas. In addition, the course includes cultural studies of customs, holidays, music, foods, and art.

***FRENCH III (5130)**

1 Credit - Prerequisite: French II

The objective of this course is to refine and expand the students' knowledge of grammar and vocabulary in order to improve their skills both in oral and written French. Basic grammar is reviewed and more complex sentence structure is taught within the framework of thematic units. Students will gain an understanding of francophone culture through readings and independent projects.

***SPANISH I (5510)**

1 Credit

Prerequisite: None

This course is an introduction to the Spanish language and culture using the four faculties of learning a foreign language: listening comprehension, speaking, reading, and writing skills. Within the classroom setting, emphasis is placed on basic grammar and vocabulary needed to successfully communicate in a foreign language such as: present tense verbs, noun/adjective agreement, and noun/verb agreement. In addition, the course includes an introduction to Hispanic culture and customs through the study of holidays, music, foods, and current events.

***SPANISH II (5520)**

1 Credit

Prerequisite: Spanish I

This course provides the student with the opportunity to review the main concepts of Spanish I. Students will further knowledge of grammar and

will help each student to attain proficiency in the skills of listening comprehension, speaking, reading, and writing within the framework of the Hispanic culture. Students are expected to read longer passages and complete comprehension exercises. Students should be able to answer questions orally and carry on a conversation in Spanish.

***SPANISH III (5530)**

1 Credit

Prerequisite: Spanish II

The main objective of this course is to refine and expand the students' knowledge of grammar, vocabulary and literature to further improve their listening, speaking, reading and writing skills. In addition to an extensive grammar review, students are introduced to several new tenses and grammar concepts. They will further increase their understanding and appreciation of the language and culture through selected literature readings and cultural projects.

***SPANISH IV (5540)**

1 Credit

Prerequisite: Spanish III, recommended that you earn a B or better in the previous course.

In this course, students continue to perfect the four language skills - listening, speaking, reading, and writing - with an emphasis on oral skills. It is an in-depth look at Hispanic history. Grammar review is incorporated into the literature study as is increasingly difficult material.

HEALTH & PHYSICAL EDUCATION

Students taking any physical education course must wear attire appropriate for physical activity or purchase the school uniform. The cost of the uniform is \$20. For students who choose not to purchase the uniform, approved attire consists of a plain gray top, with no writing, and royal blue gym shorts.

HEALTH & PE GRADE 9 (7300)

1 Credit

Prerequisite: None

Grade Level: 9

Required Course

Fee: \$20.00 fee for uniform, if purchased

Health 9 consists of instruction in American Red

Cross Standard First Aid as well as instruction in drug education and nutrition. Physical Education 9 consists of physical fitness, conditioning, rhythmic activities, and team sports.

HEALTH/PE AND DRIVER EDUCATION GRADE 10 (7405)

1 Credit

Prerequisite: Health/PE 9

Grade Level: 10 Required Course

Fee: \$20.00 fee for uniform and \$4.00 for the Dr. Ed. booklet

Health/P.E. 10 consists of five to six weeks of driver's education and one week of family life education. Physical Education 10 consists of physical fitness, conditioning, rhythmic activities, team sports, and individual sports. The purpose of driver education is to allow each student to practice safe driving skills, to understand the rules of the road, and to develop positive attitudes toward driving so that upon completion of the course each student can become a safe, licensed Virginia driver. Forty (40) hours of classroom driver education is offered as a part of the Physical Education 10 curriculum. Behind the wheel education, when offered, is available to students with a valid learner's permit. A fee of \$140.00 is required for behind-the-wheel instruction. Fourteen (14) hours of on-road instruction is taught before and after school, on weekends, and during summer months. To register for behind-the-wheel instruction, see the school website under "students".

PE 11 NUTRITION & WEIGHT TRAINING (7510)

1 Credit

Prerequisite: PE 9 & 10 with a C or better Elective Course

Fee: \$20.00 fee for uniform, if purchased

Students will be given the opportunity to work at individual skill levels. The goal of this class is to improve overall strength (weight lifting). Nutrition will be included to enhance lifetime fitness.

PE 12 NUTRITION & WEIGHT TRAINING (7610)

1 Credit

Prerequisite: PE 11

Elective Course

Fee: \$20.00 fee for uniform, if purchased

This course is an extension of Physical Ed Grade 11. Students are required to do an independent study of their choice.

ADVANCED PHYSICAL EDUCATION I (7640)

1 Credit

Prerequisite: Health/P.E. 10 with a C or better

Grade Level: 11-12

Fee: \$20.00 fee for uniform, if purchased

Elective Course

Advanced Physical Education I consists of lifetime activities and current health issues.

ADVANCED PHYSICAL EDUCATION II (7650)

1 Credit

Prerequisite: Adv. Phys. Ed. I

Grade Level: 12 Elective Course

Fee: \$20.00 fee for uniform, if purchased

Advanced Physical Education II is an extension of Advanced Physical Education I. Students are required to do an independent study of their choice.

SPORTS, EXERCISE & HEALTH SCIENCE (7638)

1 Credit

Prerequisites: Biology

Grade Level: 11-12 Elective Course

The emphasis of the class will be to explore career options in this field, terminology specific to the course, an introduction to energy systems and how to train those systems, nutritional needs for various athletes to enhance performance, introduction to anatomy and physiology and kinesiology, effect of exercise on body systems, injuries common to particular sports and how to avoid and treat those injuries, taping and first aid, sports psychology, special consideration in athletes, the female athlete, how to create fitness plans that correspond to various goals, and a look into debatable issues related to the course.

CAREER & TECHNICAL EDUCATION

COMPUTER SCIENCE PRINCIPLES (10011)

New 24-25!

Suggested Grade Level: 9-12

Prerequisite: Geometry

Elective Course

Fee:\$10.00

Collaborate to create authentic day-to-day solutions to modern problems while also learning computational thinking skills and putting designs into practice. Solve problems and create value for others through innovation and creativity. Explore how innovations in computing impact and connect our world. With a gentle introduction to programming, you will learn how to put your designs into practice. Whether these are your

first steps in computer science or a continuation of your journey, Computer Science Essentials will give you the confidence to succeed today and beyond.

PRINCIPLES OF BUSINESS AND MARKETING (6115)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course Fee: \$10.00

Students will learn basic economic principles. They will also learn the various types of businesses and how they are managed. Curriculum in this class will include units dealing with banking, credit, insurance and job preparation. Students prepare portfolios for career preparation, exploring various occupations, projected employment rates and where to be employed in that field.

ENTREPRENEURSHIP (9093) *New 24-25!*

1 Credit

Prerequisite: None Recommended

Grade Level: 9 - 12

Elective Course Fee: \$10

Students will get to learn about the principles of business as used by an entrepreneur. Students will be able to learn about creating, owning and launching a business of their own.

ADVANCED ENTREPRENEURSHIP (9094) *New 24-25!*

1 Credit

Prerequisite: Entrepreneurship

Grade Level: 10 - 12

Elective Course Fee: \$10

This course is designed for students who wish to concentrate on advanced strategies for entrepreneurship, building upon concepts introduced in Entrepreneurship (9093). The focus of the course is on development of a business plan and small business management.

COMPUTER INFORMATION SYSTEMS (6612)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course Fee: \$10.00

Students apply problem-solving skills to real-life situations through Word Processing, spreadsheets,

databases, multimedia presentations and integrated software activities. Students work individually and in groups to explore computer concepts, operating systems, networks, telecommunications, and emerging technologies.

ADVANCED COMPUTER INFORMATION SYSTEMS (6613)

1 Credit

Prerequisite: CIS

Grade Level:9-12

Elective Course Fee: \$10.00

Students will concentrate on learning all aspects of the Microsoft Office package (WORD, EXCEL, POWERPOINT and ACCESS) using the advanced features of each application. Students will also learn computer history, information systems, and vocabulary as it relates to computer technology. There will be publications projects in this class. There will also be a focus on Industry Certifications and an opportunity to acquire a certification will be afforded to each student. Students will create a portfolio for career preparation, exploring various occupations available, their projected employment rate and where that career or occupation exists.

ECONOMICS & PERSONAL FINANCE (6120)

1 Credit

Grade Level: 11-12

Required Course

This course is preferably taken during junior year. Students explore many facets of financial decision making involved in daily life. Skills in money management, record keeping, and banking are enhanced through the study of basic concepts of economics, insurance, credit, and other related topics. The course will also prepare students occupationally to plan, manage and analyze the financial and monetary aspects and success of business enterprises, banking institutions, or other organizations. This course is required to meet advanced and standard diploma options.

BUSINESS LAW (6131)

1 Credit

Prerequisite: Intro to Principles of Business Recommended

Grade Level: 10-12

Elective Course Fee: \$10.00

Students will examine the foundations of the American legal system. They will explore economic and social concepts as they relate to everyday business and personal laws. Student will delve into

contracts, criminal law, tort law, and international law through case law research, mock trials, and class/group discussion.

BUSINESS MANAGEMENT (6135)

1 Credit

Prerequisite: Intro to Principles of Business

Recommended

Grade Level: 11 - 12

Elective Course Fee: \$10.00

Students study basic management concepts and leadership styles as they explore business ownership, planning, economics, international business, and human relations issues such as employee motivation and conflict resolution. Student leadership skills will be enhanced by participation in the Virtual Enterprise Program, a student-run virtual business.

SPORTS & ENTERTAINMENT MARKETING (8175)

1 Credit

Prerequisite: Principles of Bus/Mrktg. or Entrepreneurship

Grade Level: 9-12

Elective Course Fee: \$10.00

This introductory course helps students develop a thorough understanding of fundamental marketing concepts and theories as they relate to the sports, entertainment, and recreation industries. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans needed for sports, entertainment and recreation events. The course also supports career development skills and explores career options. Academic skills (math, science, English, and history) related to the content are a part of this course. The co-op method is available for this course. If available, it will combine classroom instruction and supervised on-the-job training in an approved position with continuing supervision throughout the semester.

INTRODUCTION TO CULINARY ARTS (8250)

1 Credit

Prerequisite: None

Grade Level 10 - 12

Elective Course Fee: \$30.00

The competencies focus on identifying and exploring the individual careers within the food service industry. Units of study include food

science and technology, dietetics and nutrition services, contemporary cuisines and service styles, food and beverage production and preparation, and food safety and sanitation. Teachers highlight the basic skills of math, science, and communication when appropriate in the content.

ELECTRONICS SYSTEMS I (8416)

1 Credit

Prerequisite: None

Grade Level: 9- 12

Elective Course Fee:\$10.00

Electronic devices are everywhere in modern life and business, and, as a result, opportunities abound for any who should master the knowledge and skills required to design, alter, repair, and construct them. This course allows students the opportunity to explore principles of electricity, apply knowledge in mathematics and science, and conduct experiments with electronics. Students solve problems using simple electrical devices and circuits and build electronic projects using DC and AC devices and circuits. NOTE: Course includes programmable devices and the use of multiple programming languages. This course serves as a prerequisite for Electronics Systems II.

ELECTRONICS SYSTEMS II (8412)

1 Credit

Prerequisite: Electronics I

Grade Level: 9-12

Elective Course Fee: \$10.00

Students work with electronics devices, instruments, and circuits, building and designing devices to apply theories and laws with electronic components such as resistors, capacitors, and transistors. They also study integrated circuits used in computers, amplifiers, Field Programmable Gate Arrays (FPGAs), and other equipment. NOTE: Course includes programmable devices and the use of multiple programming languages.

INTRO TO ENGINEERING (8439)

1 Credit

Prerequisite: None

Grade Level: 9 - 12

Elective Course Fee: \$10.00

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.
NOTE: This course serves as a prerequisite for Engineering Drawing & Design and Architectural Drawing & Design.

ARCHITECTURAL DRAWING/DESIGN (8437)

1 Credit

Prerequisite: Intro To Engineering

Grade Level: 10-12

Elective Course Fee: \$10.00

Students learn the principles of architecture and increase understanding of working drawings and construction techniques learned in the prerequisite course (Intro to Engineering & Design). Experiences include residential and commercial building designs, rendering, model development, and structural details. Students use computer-aided drawing and design (CADD) equipment and established standards and codes to prepare models for presentation. The course is especially beneficial to future architects, interior designers, or home builders.

ENGINEERING DRAWING/DESIGN (8436)

1 Credit

Prerequisite: Intro to Engineering

Grade Level: 10-12

Elective Course Fee: \$10.00

Students use a graphic language for product design, technical illustration, evaluation of designs, and engineering drawings. They increase their understanding of 3D modeling techniques learned in the prerequisite course (Intro to Engineering & Design). Students use computers, calculators, and descriptive geometry and adhere to established standards to solve design problems. They work in teams to design solutions for an identified need. NOTE: Course involves the use of 3D printers, power equipment, and hand tools.

TELEVISION & MEDIA PRODUCTION I (8688)

1 Credit – Prerequisite: None

Grade Level: 9-12

Elective Course Fee: \$15.00

Students will learn how to think and work like media producers by engaging in hands-on production projects. Students will also gain proficiency with the media production process while using industry-standard tools. They will explore jobs and careers in the dynamic and growing industry of television and media production and understand

the impact of media and its function as entertainment, persuasion, information, and instruction.

TELEVISION & MEDIA PRODUCTION II Part 1 and Part 2 (8689)

2 Credits

Prerequisite: Television & Media Prod. I with 70% or better or teacher recommendation

Grade Level 10-12

Elective Course Fee: \$10.00 per semester

Part 1 will meet every day first semester and Part 2 will meet every day second semester. Students should complete both parts in order to receive completion credit for the entire course. Students will become media producers as they take real-world projects from conception to production. They will continue to develop and master skills that are essential to the industry as they function in various professional roles. The students will gain breadth and depth in their abilities with the sophisticated tools and equipment involved in professional media productions. They will develop an increased understanding of post-secondary goals and career pathways, along with plans and portfolios to achieve those goals.

TELEVISION & MEDIA PRODUCTION III Part 1 and Part 2 (8690)

2 Credits

Prerequisite: Television & Media Prod. II with 70% or better or teacher recommendation

Grade Level 10-12

Elective Course Fee: \$10.00 per semester

Part 1 will meet every day first semester and Part 2 will meet every day second semester. Students should complete both parts in order to receive completion credit for the entire course. Students will demonstrate mastery of media production knowledge and skills. They will function as media producers by creating original productions as they develop and market programs for target audiences. Students will assemble a professional digital portfolio to advance post-secondary and career goals. They will investigate the dynamic media production industry and identify opportunities for real-world experiences (e.g., internship, job shadowing). Students will research post-secondary opportunities and formulate strategies for both college and career success.

VIDEO & MEDIA TECHNOLOGY (8497)

1 Credit

Prerequisite: Television & Media I

Grade Level: 9-12

Elective Course Fee: \$11.00

This course offers students an opportunity to study all aspects of video and media production, from planning and writing for production to operating studio and editing equipment. Students practice various methods of gathering news and information from individuals, research, and online resources. In addition, students are introduced to analog and digital principles of film production.

HORTICULTURAL SCIENCE AND PRACTICES (8034)

1 Credit

Prerequisite: None

Grade Level: 9 - 12

Elective Course Fee: \$10.00

Horticultural Science is an elective exploring all areas of horticulture and related fields. The four main areas of horticulture - pomology (fruit production), olericulture (vegetable production), floriculture (flower production), and landscape/nursery production, are discussed as well as the related areas of plant propagation, pest management, anatomy, and physiology. The course is divided into an academic component where the science of plant growth and development is investigated and a practical component where the class develops school beautification projects and grows several greenhouse crops for seasonal plant sales to earn funds to support class activities. Coursework includes various hands on projects.

GREENHOUSE PLANT PRODUCTION AND MANAGEMENT (8035)

1 Credit

Prerequisite: Horticulture Science

Grade Level: 9 - 12

Elective Course Fee: \$10.00

Greenhouse plant production is the second year course in a three year sequence. This is a continuation of Horticultural Science and will explore introductory topics in greater depth and detail. Topics will include, but not be limited to, greenhouse production systems (water, heating, cooling, etc.), crop production (lilies, poinsettias, annuals, perennials, vegetables, etc.), plant hormones, plant light response, Bonsai production and others. As with the intro class, there will be an academic and practical component to the class.

LANDSCAPING (8036)

1 Credit

Prerequisite: Greenhouse Plant Production Grade Level: 10 - 12

Elective Course Fee: \$10.00

Landscaping is the third year course of a three year sequence. The emphasis of this class will be landscape principles and design and will include a strong business component. We will use manual design techniques as well as computer assisted design through LandscapePro design software and Quickbooks accounting software. A strong knowledge of plant material is essential and will be stressed.

VIRGINIA TEACHERS FOR TOMORROW (19151)

1 Credit

Prerequisite: 2.7 Cumulative GPA and Application Grades 11-12

Elective Course Fee: \$10.00

Virginia Teachers for Tomorrow(VTfT) fosters student interest understanding, and appreciation of the teaching profession and allows secondary students to explore careers in education. Students build a foundation for teaching; learn the history, structure and governance of teaching; apply professional teaching techniques in the VTfT classroom and field experience; and reflect on their teaching experiences. Additional education leadership opportunities are offered through the student organization, Educators Rising.

VIRGINIA TEACHERS FOR TOMORROW 2 (9072)

1 Credit

Prerequisite: Virginia Teacher for Tomorrow 1 Grades 11-12

Elective Course Fee:\$10.00

Virginia Teachers for Tomorrow II(VTfT) fosters student interest, understanding, and appreciation of the teaching profession and allows secondary students to explore careers in education. 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.

Special Note: Students successfully completing TFT at NKHS who return to NKCPs after earning a

VA Teaching License will be guaranteed a job in the division. Additionally, successful TFT students will be guaranteed substitute teaching positions in NKPCS while enrolled in college.

NATIONAL JUNIOR RESERVE OFFICER'S TRAINING CORPS (NJROTC 09101)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course (Year long A/B)

Fee: \$25.00

The NJROTC program prepares high school students for leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. It is a stimuli for promoting graduation from high school and it provides instruction and rewarding opportunities which will benefit the student, community, and nation. NJROTC teaches young men and women the kind of self discipline, self-confidence, and leadership skills that can help them successfully meet the challenges of adulthood.

VISUAL & PERFORMING ARTS

ART I/ART FOUNDATIONS (9120)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course

Fee: \$25.00

Students will be introduced to a variety of exciting opportunities in using the artistic thinking process to learn to think conceptually and realize potential as a creative and critical thinker in order to meet the challenges of the 21st century. Explore personal interests, while developing skills and techniques in the following areas: drawing, painting, graphics, fibers, ceramics, art history, and three-dimensional design. Course content includes art production, art appreciation, and studies in visual culture.

ART II/INTERMEDIATE (9130)

1 Credit - Prerequisite: Art I

Grade Level: 9-12

Elective Course

Fee: \$25.00

Cultivate previously developed artistic knowledge and skills learned in Art I. Explore new combinations and possibilities through experiences in the following areas: drawing and painting, art history, printmaking, and three-dimensional design. Investigate contemporary topics as they relate to artistic expression and design. Ask questions, solve

problems, create products, and communicate ideas in innovative ways. Course content includes art production, design thinking, art history and criticism, aesthetics, and studies in visual culture.

ART III ADVANCED INTERMEDIATE (9140)

1 Credit

Prerequisite: Art II

Grade Level: 10-12

Elective Course

Fee: \$25.00

Expand and improve artistic understandings and skills by using creative processes. Develop an individual style and voice to communicate ideas. Articulate responses to personal and global issues through the integration of traditional and unconventional media. Present artworks in diverse formats. Course content includes art production, design application, art history, criticism, aesthetics, and studies in visual culture.

ART IV ADVANCED INTERMEDIATE (9145)

1 Credit

Prerequisite: Art III

Grade Level: 11-12

Elective Course

Fee: \$25.00

Students will learn to express confidence in skills and aesthetics by building and maintaining a portfolio of work. This student-directed course expects a high level of research, art criticism and Students are challenged to evaluate their art products to solve problems in terms of the chosen art media, and learn concepts and skills as they relate to personal art expressions. Students will be working towards specific portfolio goals in Drawing/Painting, Color & Design, artist research, and a concentrated area of study where the work will focus on a specific theme or the student's choosing. Students initiate, define, and solve challenging visual arts problems independently using intellectual skills such as analysis, synthesis, and evaluation.

DRAWING AND PRINTMAKING (9153)

1 Credit

Prerequisite: None

Grade Level: 9 –12

Elective Course

Fee: \$20.00

Drawing and printmaking are connected by the very skills they require. The class will explore drawing techniques with various mediums that include but are not limited to pencils, charcoal, pen/ink and

pastels. We will explore various drawing techniques that include contours, blind contours, texture shading, value scales and more. The class will cover basic non-toxic printmaking techniques of lino-cuts, collographs and more extensive work with multi-plate prints in limited editions. A unit on visual communication in advertising is also included. Units also include contemporary perspective works, printmaking with found objects, gelli plates and more.

CERAMICS I (9175)

1 Credit

Prerequisite: None

Grade Level: 9 – 12

Elective Course Fee: \$35.00

Ceramics I is a foundation course with beginning instruction in hand-building and wheel throwing. Students create using pinch, coil, slab, and combination construction techniques. Cultural information as it relates to American Indian pit firing and carbon firing, Japanese Raku firing, Saggar Firing as well as Obvara and more contemporary electric kiln firing techniques are incorporated in the instruction. Emphasis is placed on creativity and craftsmanship as students are asked to examine the ceramics of other cultures as well as their own work.

CERAMICS II (9176)

1 Credit

Prerequisite: Ceramics I

Grade Level: 9-12

Elective Course Fee: \$35.00

Ceramics II was created for students who have completed Ceramics I and have a desire to continue training in the field of pottery. Advanced design concepts are introduced as students work to combine functional pottery with sculptural creativity. Exercises in creative problem-solving are incorporated in every project while the students are growing in their understanding of clay. Continued firing techniques from Ceramics 1 are carried forward.

CERAMICS III (9177)

1 Credit

Prerequisite: Ceramics II

Grade Level: 10-12

Elective Course Fee: \$35.00

Ceramics III further develops skills in hand-building techniques and wheel throwing combinations.

Multiple part pieces are completed with emphasis on completion and skill. Students will use underglazes as well as glazes and slips. Additional techniques include making and using sprig molds for series work, completing sets, and independent study projects.

CERAMICS IV (9199B)

1 Credit

Prerequisite: Ceramics III

Grade Level: 10-12

Elective Course Fee: \$35.00

The creation of sets and companion pieces is explored with multiple firing and finishing techniques. More complex forms and/or throwing skills, the use of spring molds and multi-part construction are encouraged with an emphasis on developing a body of work for a final Advanced Ceramics Show.

DE CERAMICS I (9177DE)

1 High School Credit/3 College Credits

Prerequisite: Ceramics 1 and 2 with an A or B

Grade Level: 11-12

Elective Course Fee: \$15 per college credit

Presents problems in the design and production of functional and non-functional ceramic works. Includes handbuilding the potter's wheel and clays and glazes. Part I of II. Lecture 0-2 hours. Studio instruction 4-6 hours. Total 5-8 hours per week. Students will earn one high school elective credit and 3-4 college credits for Art 153.

DE CERAMICS II (9199)

1 High School Credit/3 College Credits

Prerequisite: DE Ceramics I with an A or B

Grade Level: 11-12

Elective Course Fee: \$15 per college credit

Presents problems in the design and production of functional and non-functional ceramic works. Includes handbuilding the potter's wheel and clays and glazes. Part II of II. Lecture 0-2 hours. Studio instruction 4-6 hours. Total 5-8 hours per week. Students will earn one high school elective credit and 3-4 college credits for Art 154

CRAFT DESIGN I (9160)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course Fee: \$20.00

Craft Design I is a crafts and handwork course that covers but is not limited to Folk Art Crafts, Outsider Art, American Indian Handwork, Paper Crafts, (includes bookmaking & paper sculpture), and topics in American Traditional and Contemporary style crafts. Students will learn to recognize different styles, history, and origins of American crafts with interdisciplinary connections to social studies, culture, language, and science. This class may not be a substitute for Art I.

CRAFT DESIGN II (9161)

1 Credit

Prerequisite: Completion of Craft Design I, Grades 9-12

Elective Course Fee: \$20.00

This course is a continuation of Crafts I with emphasis on developing crafts skills with more complex projects. Course study includes altered books, mixed media, folk art sculpture and takes a look at contemporary crafts, genealogy studies, further studies in American Indian works and textiles.

INTRODUCTION TO PAINTING (9197)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course Fee: \$20.00

Students will work in water-based painting mediums. The course will cover landscapes, portraiture, still life and abstract compositions by completing paintings while studying the works of prominent artists beginning in the mid-1800's. As the course progresses, students will work on various painting grounds to include but not be limited to canvas, paper, boards, etc... In addition the use of gels, extenders and textural elements will be explored.

PAINTING II (9198)

1 Credit

Prerequisite: Painting I

Grade Level: 9-12

Elective Course Fee: \$20.00

This is a continuation of the student's work in Painting I. This is a process-based course with an emphasis on developing a firm foundation in style. Students will explore in depth specific styles and techniques to further strengthen their own style in the medium. Working with additional gel mediums, extenders to raise the work from the surface, and mixed media, students will maintain an extensive artist journal pictorially chronicling their progress as they create original works.

PAINTING III

1 Credit

Prerequisite: Painting II

Grades 10-12

Elective Course Fee: \$20.00

This process based course emphasizes the development of a body of work representative of a college admission portfolio. Students will explore genres and styles along with more in-depth research of specific artists and periods.

PHOTOGRAPHY I (9190)

1 Credit

Prerequisite: None

Grade Level: 10-12

Elective Course Fee: \$35.00

This is an introductory course that enables students to enhance their creativity and visual perception through black and white film and digital photography. Light, the elements and principles of design, cameras, films, as well as basic darkroom techniques and artistic techniques are introduced. The study of the famous photographers and a brief history of the medium provide a broad overview of this technical and artistic field. Self-expression is emphasized and results are maintained in a beginning portfolio. Film cameras will be provided; students will be required to purchase a manual digital SLR camera.

PHOTOGRAPHY II (9191)

1 Credit

Prerequisite: Photo I

Grade Level: 10-12

Elective Course Fee: \$35.00

Photography II continues the study of black and white and digital photography through nine styles of photography. Leading exponents, equipment, and techniques are introduced in their historical context. Students acquire and use an in-depth knowledge of photographic equipment, films, and specialized

processes. Conducting a critique, evaluating great works of art, and examining photography and its relationship to other art forms are explored. Development of a portfolio results as students become dynamic designers with the medium of light. Film cameras will be provided; students will be required to purchase a manual Digital SLR camera.

PHOTOGRAPHY III (9192)

1 Credit

Prerequisite: Photo II

Grade Level: 11-12

Elective Course

Fee \$35.00

Photography III continues the skills and understanding of the student photographer in both film and digital media. More complex concepts are applied with emphasis on completion quality of work and overall skill and understanding. Additional techniques, such as advanced photo editing (both darkroom and digital), photo/mixed media are, and manipulating/controlling light sources will be covered. Student are self-driven and work on how they can use photography with webpage editing and potential career paths. Film cameras will be provided; student will be required to have a Digital SLR camera.

SYMPHONIC BAND Levels 1-4 (9233-1, 9233-2, 9233-3, 9233-4)

1 Credit

Prerequisite: Audition/Instructor Recommendation

Grade Level: 9-12

Elective Course

Fee: \$25 or \$50, if renting a school instrument

* Students are expected to provide an instrument for the class. Limited number of large instruments such as tubas, baritones, and large woodwind instruments are available to rent for \$50 for the school year. There is an extremely limited number of school instruments available for students experiencing financial difficulties.

The Symphonic Band is the premiere instrumental ensemble at New Kent High School. The course is open to students with significant previous instrumental experience at the secondary level. Symphonic Band continues to develop and refine the concepts of proper tone production, intonation, rhythmic fluency, and increased individual instrumental technique. Students will continue to develop and enhance ensemble concepts such as balance, blend, and style through the study and

performance of both original concert band works, as well as significant transcriptions of orchestral and choral repertoire. Symphonic Band rehearses during the school day but has evening performances, and occasional after school rehearsals. The Symphonic Band performs for the winter and spring concerts, the pre-assessment concert, VBODA District 1 Band Assessment, and Graduation. Students will also have the opportunity to audition for honors ensembles VBODA and NNMP Area Band throughout the year.

GUITAR I (9245)

1 Credit

Prerequisite: None

Grade Level: 9-12

Elective Course

Fee:\$25 Guitar

Rental) Students may rent a guitar from the school for the semester.

Guitar is a one semester performance-based course designed to cover the basics of playing guitar for students with no previous guitar experience. Students will study music notation, rhythm, chord symbols and guitar tablature. The objective of this course will be to create an enhanced understanding and appreciation of music through the study of guitar.

GUITAR II (9247)

1 Credit

Prerequisite: Guitar I

Grade Level: 9-12

Elective Course

Fee: \$25(Guitar

Rental)

Students may rent a guitar from the school for the semester or may elect to use their own guitar (acoustic only).

Guitar II is held in conjunction with Guitar I. Students in Guitar II will have successfully completed Guitar I. The course will offer a review of concepts taught in the Guitar I course, while enriching additional skills and concepts.

CHORALE Levels 1-4 (9285-1, 9285-2, 9285-3, 9285-4)

1 Credit

Prerequisite: Concert Choir and audition or permission of instructor

Grade Level: 9-12

Elective Course

Chorale is a mixed voice ensemble open to students primarily in grades 10-12 with significant

previous vocal experience. Chorale will continue the development of vocal technique, tone production, intonation, as well as increasing musicianship through the study of written and aural theory and music history. Students will study and perform a wide variety of music from diverse genres, cultures, and compositional periods. Chorale rehearses during the day, but will have evening performances, and occasional after school rehearsals. Chorale performs regularly at the winter and spring concerts, VCDA District Chorus Assessment, and Graduation. Students will have the opportunity to audition for the extra-curricular chamber choir and VCDA honors choruses.

INTRODUCTION TO TECHNICAL THEATRE (1435)

1 Credit

Grade Level: 9 - 12

Elective Course

Fee: \$20.00

Students learn about the design processes for costumes, makeup, lighting, sound, properties, set, and publicity. The requirements for stage managing will be introduced in relation to each of these design areas. The students will create mock designs for shows and critique and analyze scripts in order to foster a basic understanding of how a show comes to life. Students will assist with basic technical needs in relation to the current shows in production. All work for this course will occur during class time and requires no level of after-school commitment unless the student elects to participate in an extracurricular activity.

INTERMEDIATE TECHNICAL THEATRE (1448)

1 Credit

Prerequisite: Successful completion of Introduction to Technical Theatre

Grade Level: 9-12

Elective Course

Fee: \$20.00

Students will select three design areas to focus on for the semester and will complete practical design work for one act or full-length productions being conducted after school such as Student Directed One Acts, VHSL Competition Shows, or State Presented Shows. The student will research the history of focus areas from Greek Theatre to Elizabethan, create designs in all three areas for aforementioned shows, and execute accepted design proposals for shows. Students will be required to participate in at least one Design

competition at NKHS, VTA, or VA Thespian Conference. These may be scholarship, assessment, individual event, or Tech Rodeos. All work for this course will occur during class time and requires no level of after-school commitment unless the student elects to participate in extracurricular activity.

TECHNICAL THEATRE III (05099)

1 Credit

Prerequisite: Intermediate Technical Theatre

Grade Level: 10-12

Elective Course

Fee: \$20.00

Students will select three design areas to focus on for the semester and will complete practical design work for one acts or full length productions being conducted after school such as Student Directed One Acts, VHSL Competition shows, or State Presented Shows. Students will put a special emphasis on learning and executing the tasks associated with being a Stage Manager and will create both mock prompt books for hypothetical shows as well as an actual prompt book for one show in production. They will research the history of their focus areas from Restoration Theatre to the Present, create comprehensive designs in two areas for aforementioned shows, and will execute accepted design proposals for shows.

THEATRE I INTRODUCTION TO THEATRE (1410)

1 Credit

Prerequisite: None.

Grade Level: 9 – 12

Elective Course

Fee: \$30.00

Introduction to Theatre Arts is an elective class designed for all high school students who desire to learn the most basic aspects of the stage, design, playwriting, and acting. This class will also serve as a springboard for basic principles of public speaking. Special emphasis is placed on verbal, vocal, and non-verbal delivery methods, and on working effectively as contributing members of a group. Each member of the class will be required to perform on stage in front of an audience.

ADVANCED ACTING – Year II (1430)

1 Credit

Prerequisite: Introduction to Theatre I/Intro to Theatre

Grade Level: 9-12

Elective Course

Fee: \$30.00

Advanced Acting is designed as a course of enhanced studies in the artistic, technical and business aspects of theatre production. The course provides additional opportunities for students to perform on stage. Students will think critically as actors do. The class is open to grades 10-12; however, students must have proven success in at least one of the performance areas.

THEATRE III INTERMEDIATE ACTING & PLAYWRITING(1423)

1 Credit

Prerequisite: Advanced Acting

Grade Level: 10-12

Elective Course Fee: \$30.00

Theatre III/Intermediate Acting is a continuation of Advanced Acting, and will build on the principles learned in the artistic, technical and business aspects of theatre production.

THEATRE IV ADVANCED ACTING AND DIRECTING (1426)

1 Credit

Prerequisite: Theatre III

Grade Level: 11-12

Elective Course Fee: \$30.00

Theatre IV will build upon the artistic, technical, and production aspects of Advanced Acting. Students will be responsible for directing projects and producing student driven works with a concentration on completing the entire process from beginning to end. The class is open to grades 10-12; however, students must have proven success in all of the performance areas.

PROFESSIONAL MUSICAL THEATRE STUDIO 1-4 (14481-14484)

1 Credit

Prerequisite: One HS Theatre Arts Class, HS Chorus Class or HS Music Class or written permission from the instructors.

Audition Prerequisite: Students interested in this class must complete an audition in the form of a solo musical theatre song performance. This may be completed as part of the production audition process in the Spring Semester preceding the year of the course or done separately. Please contact the instructor with questions.

Grade Level: 9-12

Elective Course Fee:\$20.00

Students will study advanced performance

techniques specific to both classes and modern musical theatre based on the current musical production. If there is no musical production during the course an alternate performance opportunity will be developed. Topics include acting, body/stage movement, vocal technique, and production standards. Students will explore the history of musical theatre as well as current topics related to auditioning and resume development. Students will complete requisite research analysis, research on the authors of the libretto and music, as well as past productions. Students will participate in the school-based performance of a selected musical piece. After the culmination of the performance students will reflect and analyze the directional and technical choices made in the production in a "post mortem" style discussion. The final project consists of finding, researching, and presenting suitable musical options for the future.

D.E.THEATRE HISTORY (1420)

1 Credit

Prerequisite:Theater 1 or Technical Theater 1 or approval from the teacher.

Grade Level: 10-12

Elective Course Fee: \$10.00

Theater History is an analytical approach to the understanding and appreciation of theatre as an art form. The course is designed for both prospective theatre majors and non-theatre students who wish to improve their understanding of theatre, both historically and aesthetically. The course will consist of lecture and discussions concerning the major historic periods in the theatre, with representative plays being studied. All plays will be considered within the context of the time they were written. Students will receive 3 dual enrollment credits from Rappahannock Community College. Upon completion of this course, the student will be able to:

- Identify key developments in theatre from the Greeks to present day
- Recognize plays in both western and non-western drama
- Analyze the dramatic structure of a play script
- Identify key elements and personnel involved in theatrical productions

OTHER ELECTIVES

LEADERSHIP DEVELOPMENT (9097)

1 Credit

Prerequisite: Application and Approval of Proposed Program

Grade Level: 9 - 12

Elective Course

This is a community service program designed to prepare students to become productive members of society. By providing recognition and opportunities for community service, the school can involve students in activities which will allow them to contribute to the common good, thereby practicing good citizenship. It provides students with the opportunity to complete 140 hours of community service to earn one credit. Sponsorships include church-related activities, public service agencies, civic club - related activities, recycling efforts, and school activities. This credit may be earned **only one time** between grades 9 and 12. Interested students must also complete an application that can be obtained through the School Counseling office.

ESL I (5710)

1 Credit

Prerequisite: Recommendation of ESL Teacher

The purpose of the course is to: develop proficiency in English through the study of cultural topics; develop an understanding of the American culture; and discuss the nature of signs, symbols and gestures as a form of communication. Students will read a variety of literature and relate life situations to literary themes. Students will continue to develop their reading and writing skills and study the structure of the English language through an integrated language arts curriculum. Students will refine their listening and speaking skills through class discussions and oral presentations.

OTHER PROGRAMS

CHESAPEAKE BAY GOVERNOR'S SCHOOL

The Chesapeake Bay Governor's School (CBGS) provides high-ability and gifted students from the Northern Neck and the Middle Peninsula with a rigorous curriculum through enrichment, exploratory, investigative, and career awareness experiences. Through the integration of math, science, technology, and research, woven with marine and environmental sciences, students have the opportunity to foster an appreciation and respect for environmental issues. Students apply during their 9th grade year and attend during their 10th-12th grades. These students attend

Chesapeake Bay Governor's School in the mornings and return to New Kent High School in the afternoon for the remainder of their classes. Students who intend to apply for Chesapeake Governor's School will need to take Algebra 2 by the end of their 9th grade year. Students who intend to apply may request to take two math courses during their 9th grade year to complete Algebra 2 prior to their sophomore year.

EARLY COLLEGE ACADEMY (ECA)

Early College Academy affords students an opportunity to earn a certificate or full associate's degree from Rappahannock Community College, while also enrolled in high school. Interested students are to submit an "Intent Form" in 9th grade, followed by the application in 10th. The ideal student is highly self-motivated and seeks an extremely rigorous course of studies. The full associate's program requires successful completion of four Dual Enrollment math classes. Therefore, applicants must be positioned to earn at least a B+ in Algebra II and Math Analysis to qualify. Students who intend to enroll in the Early College Academy will need to take Math Analysis by the end of their 10th grade year. Students who intend to enroll may request to take two math courses during their 9th grade or 10th grade year in order to complete Math Analysis prior to their Junior year.

The Early College program includes a combination of Advanced Placement and Dual-Enrollment courses and involves summer classes after 10th and 11th. Successful completion of the program requires necessary course grades in dual enrollment courses and scores on AP Exams of 3 or higher, summer classes at RCC to complete necessary courses, minimum scores on the VPT or other assessment to enroll in dual enrollment classes at NKHS and RCC, and thoughtful early course planning. To learn more about eligibility and admissions, visit the School Counseling website and see the Early College Academy page.

Because most of the required courses are taught at New Kent High School, for most required courses students and families would only have to pay for the cost of related Advanced Placement Exams and tuition of \$15 per credit (subject to change) for dual-enrollment courses (subject to change). Mrs. Peggy Spiak serves as the school's point of contact (pspiak@nkcps.k12.va.us). An RCC advisor also works with students to assist with course selection.

WELDING

3 credits

Grade Level: 12

This program is offered through Rappahannock Community College's workforce program. NKHS is allotted four seats for seniors.

The year long program is held on the New Kent RCC campus.

Students acquire skillsets that are attached to specified American Welding Society certifications and must earn the industry credential prior to advancement in the program. Personal Protective Equipment is required. Attendance is critical to successful completion of the course. All welding courses must be taken in sequence due to safety/lab restrictions. Meeting or exceeding weld quality specifications as outlined by the American Welding Society (D1.1 code) are a requirement prior to testing.

Students will earn three high school elective credits.

BRIDGING COMMUNITIES REGIONAL CAREER & TECHNICAL CENTER and Governor's STEM Academy (BCTC)

Ph: 804-966-8575

Fx: 804-966-8769

Dr. Julie Ellis, Executive Director

Margaret Best, Executive Assistant

"Preparing students to be industry professionals by empowering them with essential knowledge and skills through career-focused content and work-based learning"

This is a regional program serving New Kent, Charles City, King William, King and Queen, and Middlesex Counties and the Town of West Point.

Application Process:

Programs are available for juniors and seniors in each of the six school divisions. Limited seats are available for each program. Enrollment in the Technical Center is a competitive application process. Interested students should let their counselor know by December if he/she is interested in applying for a program. All applicants will register with the Virginia Community College System and may have to take the Virginia Placement Test in the spring as part of the application process. When scheduling for the upcoming school year during the fall semester.

please select your BCTC Program of interest. Applications are accepted from March through April. Work Based Learning experiences will be required for all BCTC programs. Please see the BCTC Program of Study online at www.bctc.org. GPA's noted for each program are the average GPA of students being admitted to the program.

Diesel Equipment Technology (8613/8614)

Prerequisite: Any Agriculture, Technology or other Mechanical or Technical related class is recommended.

Prerequisite: Enrollment in Rappahannock C.C., a 2.7 GPA or qualifying score on the Virginia Placement Test.

This is a two-year, dual enrollment program with Rappahannock Community College. Students will earn thirty college credits as they learn shop procedures, diesel truck electrical systems, power trains, hydraulics and pneumatics, air brakes, fuel systems and diesel engine reconditioning. Seniors will take the NOCTI Diesel Engine Mechanics Assessment and five ASE (Automotive Service Excellence) certification exams. Students will earn a Career Studies Certificate and have the option of completing three additional classes at RCC to earn a College Studies Certificate. Salary range for heavy equipment mechanics and diesel specialists range from \$25,000.00 to \$62,000.00 depending on skill and experience.

Culinary Arts (8275/8276)

Two-year complete program using New Kent High School Commercial kitchen

Prerequisite: Enrollment in Rappahannock C.C., a 2.3 GPA or qualifying score on the Virginia Placement Test.

This two year program is available to juniors or seniors. Students will earn three high school credits and sixteen college credits. Students will practice the management and production skills used in commercial and other large food establishments. Students will plan, select, store, prepare and serve food and food products, study nutrition, sanitation and food safety, and learn to use commercial equipment. After graduation students can complete the college certificate program in three semesters. In this two-year program students will take the National Restaurant Association ServSafe certification and Pro Start certification tests. In addition to chef or cook, occupational options

include baker, pastry chef, and food service manager and many other specialties. Salaries range from \$22,000.00 to \$65,000.00 for skilled positions.

Coding & Adv. Programming (6640/6641)

Prerequisite: Computer Information Systems or similar Business/IT class

Prerequisite: Enrollment in Rappahannock C.C., a 2.5 GPA or a qualifying score on the Virginia Placement Test.

The Coding and Advanced Programming courses prepare students with entry level skills required to enter programming, game design, and animation/modeling fields. This two-year program will allow students to earn six high school credits and thirty one college credits and two career study certificates from Rappahannock Community College. Second Year students have the opportunity to participate in student internships where they receive work-based learning opportunities. Students also participate in the VA STAR computer refurbishment program. Occupational options include: computer programmers, multimedia artist and animator, software developer, digital visualization specialist, computer information and research scientist, and computer systems analysts. Salaries range from \$42,000-\$110,000, depending on skill and education.

Small Engine & Marine Systems (8725/8726)

Prerequisite: 2.5 GPA recommended- No Virginia Placement Test scores are required.

The Small Engine & Marine Systems program is recommended for students interested in employment in the repair of small engines, power equipment, motorcycles, and outboard marine motors. This two-year career and technical program provides students with the opportunity to earn six high school credits and a national industry recognized Equipment & Engine Training Council (EETC) certification in 2 and 4 stroke gasoline engines and power equipment as well as four Yamaha Outboard Maintenance Technician Certifications. Students will learn shop procedures, demonstrate safety practices, apply theory, and learn the operation, maintenance, and repair of small gasoline two and four stroke engines. Students will diagnose engines and perform procedures for overhaul and reassembly of the engines. Areas of instruction will include fuel

systems, electrical systems, ignition and starting systems, and cooling and exhaust systems. Students will have the opportunity to participate in competitions through SkillsUSA. Graduates in the small engine technology fields may expect an annual salary range from \$32,000 to \$45,000.

HVACR (8503/8504)

Prerequisite: 2.5 GPA and Completion of Geometry is strongly encouraged.

The Heating, Ventilation, Air Conditioning & Refrigeration program is recommended for students interested in a career in the HVAC industry. This two year program provides students with the opportunity to earn six high school credits. Students may participate in the SkillsUSA competition and will have the opportunity to earn industry credentials. Students completing this program will take the OSHA 10 certification test and the Environmental Protection Agency (EPA) Section 608 certification test. Annual salaries from HVACR occupations range from \$32,000 to \$68,000 and the employment growth rate (between 2014 & 2024) is projected to be 14%.

Practical Nursing (8355/8356)

Senior Year Class:

Prerequisite: Enrollment in Rappahannock C.C., 2.7 GPA or qualifying score on the Virginia Placement Test. Physical, Drug Test, and Criminal Background check are required.

This program is a senior level dual enrollment Practical Nursing class. These students complete their first year of the Practical Nursing program from Rappahannock Community College and get automatic admission to continue the program at RCC. A minimum of ninety hours of clinical experience in a community adult care facility and/or hospital is required. This clinical experience may be after school and Saturdays. At the completion of year one, students are eligible to take the licensure examination for Nurse Aide and proceed with instruction to obtain LPN Nurse licensure or Registered Nurse degree. LPN Salary Range: from \$27,000.00 to \$52,000.00 RN Salary Range: \$42,000.00 to \$87,000.00

Pharmacy Technician (8305/8306)

Prerequisite: 2.5 GPA recommended- No Virginia Placement Test scores are required.

A one- year program for seniors. The course provides an in-depth exposure to the pharmaceutical industry. Students will learn about preparing and dispensing prescriptions, compounding medications, preparing intravenous medications, stocking medications, communication and customer service skills, and brand and generic medication schedules and classifications. A minimum of one hundred and thirty hours of clinical experience in a pharmacy is required. This clinical experience may be after school or on Saturdays. Students will take the National Certification Exam upon completion of the course and will be qualified to register with the Virginia Board of Pharmacy to work in the state of Virginia.

Emergency Medical Services (8333/8334)

Prerequisite: Enrollment in Rappahannock C.C., 2.5 GPA or qualifying score on the Virginia Placement Test.

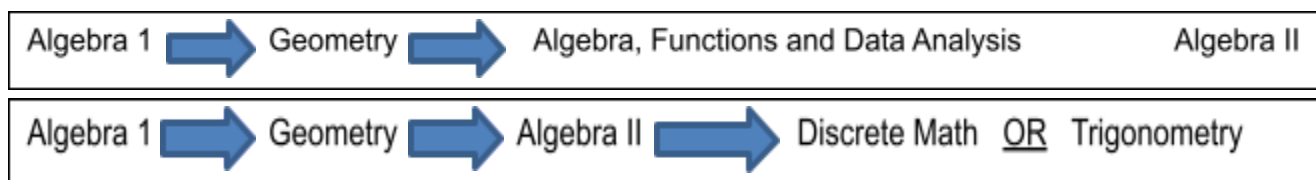
A one-year program open to juniors and seniors that prepares students for Basic Cardiac Life Support, first aid, airway management, patient

assessment, trauma management, medical management, operations including Hazmat, weapons of mass destruction, terrorism awareness, EMS response to specialized incidents, clinical observations, patient assessment, and workforce readiness skills. A minimum of ten patient contacts during clinical experiences riding along with a local fire department is required. This clinical experience may be after school or on Saturdays.

****Please note that students participating in each BCTC program will be awarded three high school credits each year upon successful completion of course requirements. College credits awarded vary by program and course.***

Math Sequencing for an Advanced Diploma

Non dual enrollment course sequence. Students must complete through at least Alg. II and earn four math credits for the advanced diploma.



*New Kent High school offers three **dual enrollment (DE) math pathways** that begin after the successful completion of Algebra II.*

The **first pathway** is intended to serve liberal arts, business, social science, and STEM students. The Applied Statistics Pathway focuses on statistical thinking, reasoning and applications that allow students to put statistical concepts into practice.



The **second pathway** is intended for students who have successfully completed Algebra II, but need further support in calculus prior to taking a dual enrollment course. This STEM Pathway prepares students in some of the sciences, mathematics, technology, and engineering fields.



The **third pathway** is intended to serve students who are recommended to enter into the Dual Enrollment STEM Pathway without taking the high school Pre-Calculus for a high school credit only. This is the most rigorous pathway provided.

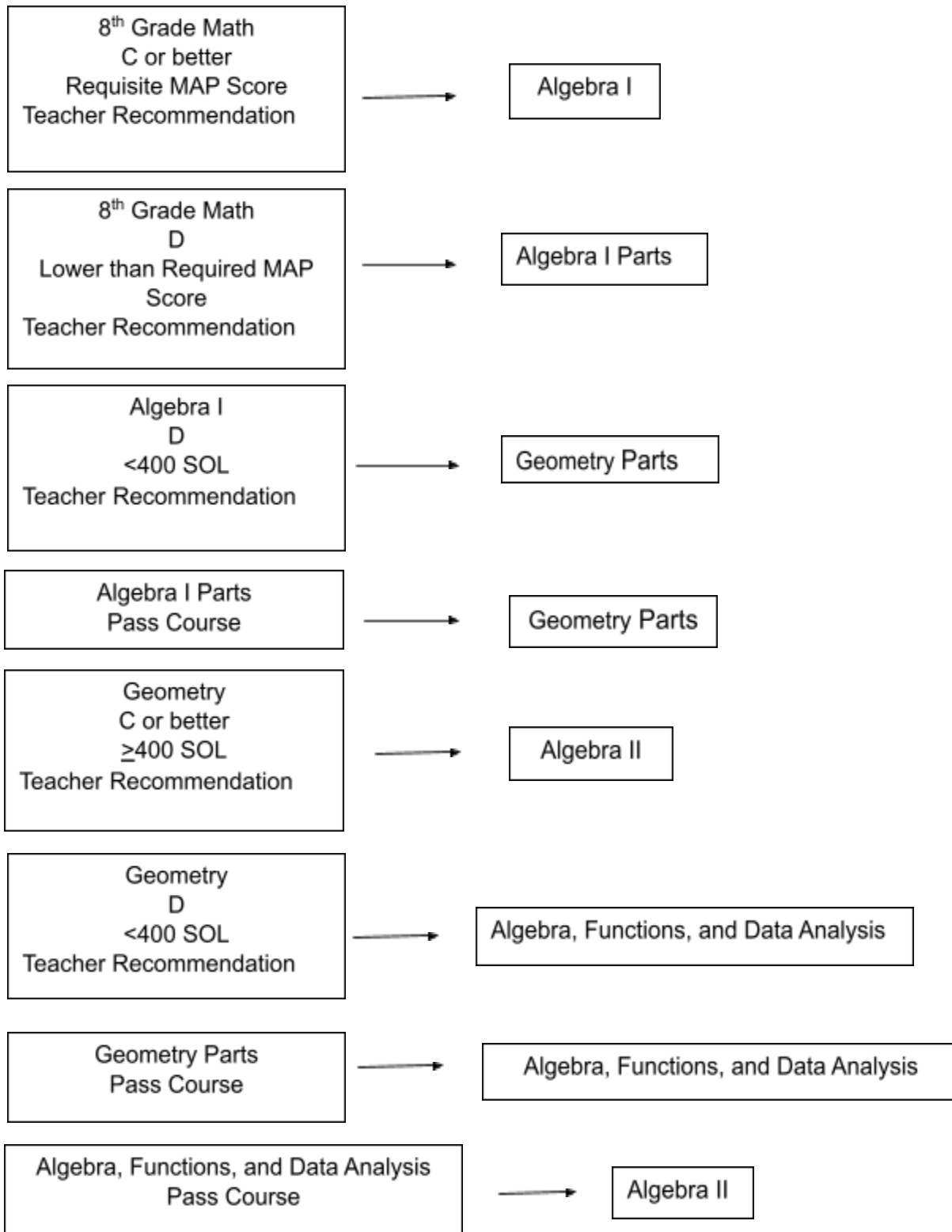


PLEASE NOTE:

The Math Department team members closely review all math placements and will make recommendations based on student performance.

All students interested in taking Dual Enrollment courses **MUST** meet all pre requisite requirements including registration with Rappahannock Community College and qualifying GPA, PSAT, SAT and/or Virginia Placement Test scores.

Math Sequencing for a Standard Diploma



Please Note:

For a Standard Diploma, a sequence of Algebra I, Geometry, and AFDA satisfies the mathematics requirement. The Math Department team members closely review all math placements and will make recommendations based on student performance.