New Kent High School

Program of Study

2026-2027

Parents and Students,

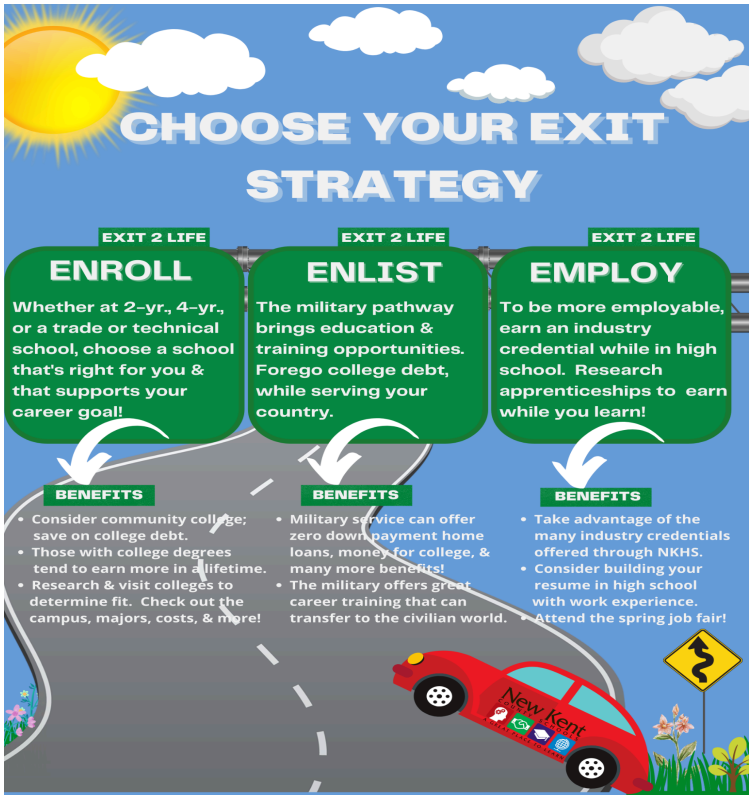
This book contains information that will enable you and your student to plan his or her high school career according to your goals and desires for future education or a career. The book also explains high school graduation requirements for the Commonwealth of Virginia. It presents a wide range of information 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 4-year planner 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:		SCHOOL COUNSELORS:	
Ms. Allison Strickland	Principal	Mrs. Renee Johnson	Last Names A-E
Mrs. Wendi James	Asst. Principal (12th)	Ms. Rita Richardson	Last Names F-Ma
Mr. Chris Leech	Asst. Principal (9th)	Ms. Jennifer Dwiggins	Last Names Mc-Sn
Mrs. Lindsey Smith	Asst. Principal (10th-11th)	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 _____

	9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
English	*Eng. 9 or Pre-AP Eng. 9*	*Eng. 10 or AP English 10 Seminar*	*Eng. 11 or DE Eng. 11*	*Eng. 12, Eng. 12 Honors(26-27 only) or DE Eng. 12*
Mathematics	*Math courses will vary grades 9-12 based on student needs*	*Math courses will vary grades 9-12 based on student needs*	*Math courses will vary grades 9-12 based on student needs*	*Math courses will vary grades 9-12 based on student needs*
Lab Science	*Environmental Science*	*Biology or Bio Honors*	*Science courses grades 11 and 12 will vary based on student needs*	*Science courses grades 11 and 12 will vary based on student needs*
Social Studies	*World History I or Pre-AP WHI & Geog. to 1450CE*	*World Geography, World History II or Pre-AP WHII & Geog. 1450CE to present*	*Virginia/US History or AP Virginia/US History*	*Virginia/US Government or AP Virginia/US Government*
Health & PE	*Health. & PE 9*	*Health. & PE10*		
Elective or World Language				
Elective			*Economics & Personal Finance or AP Business w/Personal Finance*	*Economics & Personal Finance (if not taken in 11th)*
Elective				

IMPORTANT Notes:

- **Please use the diploma requirement information found on the following pages when completing this document.**
- **Course requirements will vary based on diploma type.**

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. AP Computer science A or IB Computer science course credit earned by students may be considered a mathematics course credit.
Laboratory Science	3	1	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 SOL content from multiple academic areas. The board shall approve courses to satisfy this requirement. AP Computer science A or IB Computer science course credit earned by students may be considered a science credit but does not count towards the science disciplinary requirement for a standard or advanced diploma. A laboratory science verified credit may be awarded to students who complete a career and technical education (CTE) program sequence and (i) pass two examinations or occupational competency assessments in a CTE field that confers certification or an occupational competency credential from a recognized industry, trade, or professional association; (ii) acquire two professional licenses in a CTE field from the Commonwealth of Virginia; or (iii) pass one examination or competency assessment from clause (i) and acquire one license from clause (ii). The examination or occupational competency assessment must be approved by the board as an additional test to verify student achievement.
History and Social Sciences	3	1	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.
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) and Superintendent's Memo #067-21.
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. AP Computer science A or IB 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. AP Computer science A or IB Computer science course credit earned by students may be considered a science credit but does not count towards the science disciplinary requirements for a standard or advanced diploma.
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. A student who is pursuing an advanced diploma and whose IEP specifies a credit accommodation for world language may substitute two standard units of credit in computer science for two standard units of credit in a world language.
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) and Superintendent's Memo #067-21.
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 and Pre-AP courses will receive a 0.5 weight. Advanced Placement and Dual Enrollment will receive a 1.0 weight. Other honors weighted courses will include any world language class above level 3.

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:
- AP instructional objectives, coursework, textbooks, and materials are approved by College Board. The cost of the exam is approximately $100.00.

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 and meet prerequisite requirements for Rappahannock Community College
- DE instructional objectives, coursework, textbooks, and materials are created, approved, and/or delegated directly by RCC.

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.

Late Arrival/Early Dismissal
Juniors and Seniors are permitted to have late arrival and/or early dismissal if they are in good standing with graduation requirements and have parent permission. This is an upperclassmen privilege. Students who have late arrival and/or early dismissal are not permitted to be on school grounds during these times. In the event of an emergency these students will not be accounted for as they are noted in our system as off campus.
Freshmen and Sophomore students are not permitted to have late arrival and/or early dismissal.

Summer School (Policy IGBG–R – Form 1/IGBE- Form 1)
Recovery Courses: If NKHS is offering the course during summer school that a student chooses to retake, the student is expected to take the course at NKHS. Should a course not be offered at NKHS, a student must secure approval of the principal to take the course through an alternate program. Approval by the principal will require sufficient assurance that all work will be completed in a timely manner and that all tests and exams will be satisfactorily proctored. A transcript showing the final grade for the summer school course must be sent to the NKHS school counseling office no later than the last business day of the month of July. Failure to adhere to the conditions of approval may result in denial of course credit.

New Courses: If a student chooses to take a new course during summer school, the student must secure approval of the principal to take the course through an alternate program. If pre-approval is

not secured the course will not count toward diploma requirements.

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.
In addition to VHSL eligibility:
Students are not permitted to withdraw from a class when a season ends. All classes must be completed in their entirety.
Students are not permitted to have early dismissal during their season due to the limited amount of time between leaving school, practice and game start times.

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 five class meetings of each semester. After the fifth 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 fifth 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.

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. Students are encouraged to review the *Guide for the College-Bound Student-Athlete*, found at ncaa.org. This guide will provide valuable eligibility information.

COURSE OFFERINGS

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.

Recommendations for Course Placement:
New Kent High School utilizes an instructional rubric for core course placement purposes using factors such as final grades, SOLs, teacher recommendations, etc. While recommendations are believed to be the best placement for students, students and families do retain the right to make adjustments upon request. To begin this process, please first contact the teacher who made the original recommendation.

Fees are subject to change from Program of Study publication to the next school year, based on NKCPS and/or AP/DE programs.

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.

LANGUAGE ARTS

ENGLISH 9 (1130)
1 Credit
Prerequisite: Promotion to grade 9
Grade Level: 9

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.

Pre-AP ENGLISH 9 ***New 26-27!***
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 9
This is a semester course and there is no AP exam.

Pre-AP English 9 is a rigorous, honors-level course designed to prepare students for success in future Advanced Placement and Dual Enrollment coursework. The class emphasizes close reading, analytical writing, and critical thinking across a variety of literary and informational texts. Students will engage with fiction, nonfiction, poetry, and drama while developing skills in literary analysis, research, and argumentation. The course builds foundational writing proficiency through frequent practice in narrative, expository, and persuasive modes, with an emphasis on clear thesis development, textual evidence, and revision. Vocabulary study, grammar, and mechanics are embedded in writing instruction to strengthen communication skills.

ENGLISH 10 (1140)
1 Credit
Prerequisite: English 9
Grade Level: 10

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.

AP ENGLISH 10 SEMINAR (22110)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 10
Fee: The AP Exam is approximately $100.

AP Seminar is a foundational skills-based course where students engage in cross curricular conversations through a variety of texts. Students choose a topic to explore, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work in a group to communicate their ideas. Students who take English 10: AP Seminar can fulfill a core course graduation requirement.

ENGLISH 11 (1150)
1 Credit
Prerequisite: English 10
Grade Level: 11

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.

D.E. ENGLISH 11 (1150DE)
1 Credit
Prerequisite: Meet prerequisite requirements for Rappahannock Community College.
Grade Level: 11

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

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.

ENGLISH 12 HONORS (1160H)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 12 (Available in 2026-2027 Only)

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.

D.E. ENGLISH 12 (1601DE)
1 Credit
Prerequisite: DE English 11 (ENG 111 and ENG 112)
Grade Level: 12

DE English 12 is comprised of English 245 and 255.
ENG 245 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.
ENG 255 Examines literary texts across a variety of cultures, genres, and time periods. Develops critical thinking and interpretive skills through close reading, discussion, and analysis of literary texts from around the world in their historical, cultural, social, and/or literary contexts.

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 (1210B02)
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 (1200B03)
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.

SOCIAL STUDIES

WORLD HISTORY I TO 1500 A.D. (2215)
1 Credit
Prerequisite: Promotion to grade 9
Grade Level: 9

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.

Pre-AP WHI/Geography: Ancient to Postclassical (to c. 1450 CE) ***New 26-27!***
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 9
This is a semester course and there is no AP exam.

Pre-AP World History and Geography is designed to build the concepts and skills that matter most for success in high school, college, careers, and civic life. Students explore how communities, governments, economies, and cultures have interacted and evolved over time, as well as practice examining sources, questioning assumptions, and refining interpretations. Students are encouraged to take on the roles of disciplinary thinkers—asking questions, analyzing data, and constructing arguments grounded in evidence.
Unit 1: Geography and World Regions (~7 weeks)
Unit 2: The Ancient Period (to c. 600 BCE) (~7 weeks)
Unit 3: The Classical Period (c. 600 BCE – c. 600 CE) (~7 weeks)
Unit 4: The Postclassical Period (c. 600 CE – c. 1450 CE) (~7 weeks)

WORLD HISTORY II: 1500 A.D. TO PRESENT (2216)
1 Credit
Prerequisite: World History I
Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
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.

Pre-AP WHII/Geography: Early Modern to Present (from c. 1450 CE) ***New 26-27!***
1 Credit
Prerequisite: Pre-AP World History I or World History I
Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 10
This is a semester course and there is no AP exam.

Pre-AP World History and Geography is designed to build the concepts and skills that matter most for success in high school, college, careers, and civic life. Students explore how communities, governments, economies, and cultures have interacted and evolved over time, as well as practice examining sources, questioning assumptions, and refining interpretations. Students are encouraged to take on the roles of disciplinary thinkers—asking questions, analyzing data, and constructing arguments grounded in evidence.
Unit 1: Geography and World Regions (~7 weeks)
Unit 2: The Early Modern Period (c. 1450 – c. 1750) (~7 weeks)
Unit 3: The Modern Period (c. 1750 – c. 1914) (~7 weeks)
Unit 4: The Modern Period (c. 1914 – Present) (~7 weeks)

WORLD GEOGRAPHY (2210)
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)
1 Credit
Prerequisite: World History II or World Geography
Grade Level: 11

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.

ADVANCED PLACEMENT VIRGINIA AND UNITED STATES HISTORY (2319AP)
1 Credit
Prerequisite: Recommended that you take Pre AP World History II.
Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 11
Fee: The AP Exam is approximately $100.

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.

VIRGINIA AND U.S. GOVERNMENT (2440)
1 Credit
Prerequisite: United States/Virginia History
Grade Level: 12

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.

ADVANCED PLACEMENT GOVERNMENT AND POLITICS: UNITED STATES (2445AP)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 12
Fee: The AP Exam is approximately $100.

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.
AP instructional objectives, coursework, textbooks, and materials are approved by College Board.

DUAL ENROLLMENT PSYCHOLOGY (2900DE)
1 Credit
Prerequisite: Meet prerequisite requirements for Rappahannock Community College.
Grade Level: 11-12
Fee: PSY 200 no fee at this time. PSY 230 will include a per credit fee.
(Courses not included as part of the *Uniform Certificate of General Studies* require a per credit fee.)

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

(Math sequencing chart can be found on page 46)

ALGEBRA I PART I (3131)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

Algebra I Part I is a semester course that introduces students to the fundamental concepts of algebra while providing additional time and support for developing essential mathematical skills. The course focuses on understanding variables, expressions, equations, and inequalities, as well as interpreting and representing linear relationships. Emphasis is placed on problem-solving, reasoning, and applying algebraic concepts to real-world situations. Scientific calculators are highly recommended to aid in exploration and visualization of mathematical relationships.

ALGEBRA I PART II (3132)
1 Credit
Prerequisite: Algebra I Part 1

Algebra I Part II is a semester course that continues the study of foundational algebraic concepts introduced in Algebra I Part I. The course extends students' understanding of linear equations, systems of equations, polynomials, and quadratic functions. Students will strengthen problem-solving skills, analytical reasoning, and the ability to model real-world scenarios using algebraic methods. Scientific calculators are highly recommended to aid in exploration and visualization of mathematical relationships.

ALGEBRA I (3130)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

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.

GEOMETRY PART I (3144)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

Geometry Part I is a semester course that introduces students to the foundational principles of geometric reasoning, relationships, and measurement. The course emphasizes logical thinking, problem-solving, and the use of geometric properties to analyze figures and patterns. Topics include points, lines, planes, angles, congruence, and transformations, as well as introductory coordinate geometry. Students will apply algebraic skills to geometric concepts through hands-on activities and real-world applications.

GEOMETRY PART II (3145)
1 Credit
Prerequisite: Completion of Geometry Part I

Geometry Part II is a semester course that continues the study of geometric concepts with an emphasis on advanced reasoning and applications. Topics include similarity, right triangle trigonometry, circles, surface area, volume, and geometric proofs. Students will extend their understanding of coordinate geometry and use algebraic methods to model and solve geometric problems. The course strengthens analytical thinking and prepares students for higher-level mathematics.

GEOMETRY (3143)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

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.

ALGEBRA, FUNCTIONS, AND DATA ANALYSIS (3134)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

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: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

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.

TRIGONOMETRY (02103)
1 Credit
Prerequisite: Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).

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

DUAL ENROLLMENT PRE-CALCULUS/Math Analysis (3232DE1) *New in 26-27!*
1 HS Credit + 3 College Credits (MTH 161)
Prerequisite: Meet prerequisite requirements for Rappahannock Community College. Algebra II with a C or higher is strongly encouraged.
Grade Level: 11-12

Course Description:
In Pre-Calculus 1/Math Analysis, students will be learning algebraic topics including power, polynomial, rational, exponential,
and logarithmic functions, and systems of equations and inequalities
The course moves students beyond simple equation solving to master the following technical competencies:
• Function Transformations & Composition: Understanding how to shift, stretch, and reflect functions and how to combine
them through composition.
• Polynomial and Rational Functions: Analyzing end behavior, finding real and complex zeros using the Rational Zero
Theorem, and identifying vertical, horizontal, and oblique asymptotes.
• Exponential and Logarithmic Functions: Mastery of the laws of logarithms to solve complex growth and decay equations.
• Inequalities and Systems: Solving nonlinear inequalities and using matrices to solve multi-variable systems.
• Data Modeling: Using regression analysis to determine which type of function best fits a set of real-world data points.

DUAL ENROLLMENT PRE CALCULUS/Trigonometry (3232DE2) *New in 26-27!*
1 HS Credit + 3 College Credits (MTH 162)
Prerequisite: Dual Enrollment Pre Calculus/Math Analysis
Grade Level: 11-12

In Pre-Calculus 2/Trigonometry students focus on trigonometry, trigonometric applications including Law of Sines and
Cosines and an introduction to conics.
The curriculum moves from algebraic functions to periodic functions and the geometric relationships between variables.
• The Unit Circle & Periodic Functions: Moving beyond right-triangle trigonometry to understand sine, cosine, and tangent
as functions of real numbers. Students learn to graph these functions, identifying period, amplitude, and phase shifts.

• Trigonometric Identities & Equations: Proving complex identities and solving trigonometric equations
• Advanced Formulas: Mastery of sum and difference, double-angle, and half-angle formulas.
• Law of Sines and Cosines: Applying these to "oblique" triangles to solve real-world problems in navigation and
surveying.
• Polar Coordinates & Complex Numbers: Learning to plot points and equations in a circular coordinate system
• Conic Sections: A rigorous study of the algebraic properties of parabolas, ellipses, and hyperbolas.
• Vectors & Parametric Equations: Introduction to vector magnitude, direction, and dot products.

DUAL ENROLLMENT CALCULUS (3230DE)
1 Credit
Prerequisite: Meet prerequisite requirements for Rappahannock Community College which includes completion of DE Pre Calculus/Math Analysis (MTH 161) and DE Pre Calculus/Trigonometry (MTH 162) with a C or higher.
Grade Level: 11-12

Dual Enrollment Calculus (MTH 263) is a semester course that introduces students to fundamental concepts of differential and integral calculus with an emphasis on conceptual understanding and real-world applications. Topics include limits, continuity, derivatives, integrals, and the Fundamental Theorem of Calculus. Students will learn to model and solve problems involving motion, growth, and optimization. Graphing calculators, such as the TI-84, are required to assist in exploring graphical, numerical, and analytical representations of calculus concepts. Students will earn 1 high school credit and 4 college credits.

DUAL ENROLLMENT STATISTICS (3231DE)
1 Credit
Prerequisite: Meet prerequisite requirements for Rappahannock Community College which includes completion of DE Pre Calculus/Math Analysis (MTH 161) with a C or higher.
Grade Level: 11-12

Dual Enrollment Statistics (MTH 245) is a semester course that focuses on collecting, analyzing, and interpreting data to make informed decisions and predictions. The course covers descriptive and inferential statistics, probability distributions, sampling methods, hypothesis testing, and regression analysis. Emphasis is placed on reasoning with data, interpreting statistical results, and applying concepts to real-world scenarios. Graphing calculators, such as the TI-84, are required to support computation, data visualization, and statistical analysis. Students will earn 1 high school credit and 3 college credits.

SCIENCE

ENVIRONMENTAL SCIENCE (03003B)
1 Credit
Prerequisite: Promotion to grade 9
Grade Level : 9

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.

ENVIRONMENTAL SCIENCE HONORS (03003H)
1 Credit
Prerequisite: Promotion to grade 9
Grade Level : 9

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.
Honors environmental science will cover the same fundamental topics as a standard class but will involve deeper analysis, independent research, and additional reading on current environmental issues. Honors labs will be designed to be more in-depth, providing greater challenges that strengthen critical thinking skills.The coursework is more rigorous and moves at a faster pace, with a greater focus on critical thinking and complex problem-solving.

BIOLOGY (4310)
1 Credit
Prerequisite: Environmental Science
Grade Level: 9-10

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.

BIOLOGY HONORS (4310H)
1 Credit
Prerequisite: Environmental Science
Placement into the course will be based on criteria outlined in *Recommendations for Course Placement* (found on page 10).
Grade Level: 9-10

Biology serves as a comprehensive foundational survey course that systematically explores the fundamental principles of life sciences across multiple interconnected domains. Students engage with essential topics ranging from cellular structure and function to complex ecological relationships, including detailed study of genetics, evolutionary processes, microorganisms, plant biology, invertebrate and vertebrate systems, human biology, and environmental interactions. The curriculum emphasizes hands-on laboratory investigations, enabling students to develop critical thinking skills through direct experimentation while mastering proper equipment usage and safety protocols. The course cultivates scientific literacy by teaching students to formulate and evaluate theories based on empirical evidence, while preparing for advanced coursework such as Dual Enrollment Biology through rigorous academic standards. Honors-level students demonstrate deeper understanding through enhanced laboratory work, independent research projects, and complex applications that extend beyond standard curriculum requirements, fostering the analytical skills necessary for success in advanced biological studies.

EARTH SCIENCE (4210B)
1 Credit
Prerequisite: Biology
Grade Level: 10-12

Earth Science is the study of Earth's systems, how these systems interact with one other, and Earth's place in our universe. Students will investigate concepts in Geology, Astronomy, Meteorology, Oceanography, & Environmental Science. Course topics include the Nature of Science, Mapping, Minerals, Rocks, Natural Resources, Plate Tectonics & Resulting Features, Weathering, Soil, Surface Water, Groundwater, Geologic Time & Fossils, Weather & Climate, Oceanography, Stellar Evolution, the Solar System. Hands-on laboratory experiences are an important part of the course. Humans' impact on the environment are discussed throughout the class.

EARTH SCIENCE II - OCEANOGRAPHY(4250)
1 Credit
Prerequisite: Environmental Science and Biology
Grade Level: 11-12

Oceanography is the study of Earth's Oceans. It is an interdisciplinary course with the geology, chemistry, physics, and biology of our world's oceans being explored throughout the semester. Course topics include the History of Ocean Navigation, Plate Tectonics, Seafloor Mapping, Geology of the Ocean Floor, Marine Sediments, Seawater Chemistry, Air-Sea Interactions, Ocean Currents, Waves, Tides, Coastal Processes, Marine Ecosystems, Marine Biology, and the Chesapeake Bay. Hands-on laboratory experiences are an important part of the course. Humans' impact on the ocean environment are discussed throughout the class.

CHEMISTRY (4410)
1 Credit
Prerequisite: Biology and Algebra II or concurrent enrollment in Algebra II
Grade Level: 10-12

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

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 or Environmental Science
Grade Level: 11-12

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 and Chemistry recommended. Meet prerequisite requirements for Rappahannock Community College.
Students are required to enroll in both parts.
Grade Level: 11-12

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

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.

FRENCH IV (5140)
1 Credit
Prerequisite: French III

French IV is designed to advance students toward higher levels of language proficiency through continued development of the four communicative skills: listening, speaking, reading, and writing. Students will engage in authentic communication across the interpretive, interpersonal, and presentational modes, with an emphasis on increasing fluency, accuracy, and cultural competency. Through the use of authentic materials such as articles, short films, songs, and literary excerpts, students will explore themes related to francophone history, contemporary culture, and global perspectives. Grammar review is embedded within meaningful contexts to support precision and self-expression. Class activities and projects are conducted primarily in the target language, encouraging students to use French confidently and creatively in real-world situations.

SPANISH I (5510)
1 Credit
Prerequisite: None

Spanish I introduces students to the fundamentals of the Spanish language and culture. Through listening, speaking, reading, and writing activities, students will build basic communication skills for everyday situations. Topics include greetings, introductions, family, school, food, hobbies, and travel. Students will also explore cultural traditions and practices from Spanish-speaking countries, fostering an appreciation of global perspectives. By the end of the course, students will be able to engage in simple conversations, understand basic texts, and express ideas using foundational vocabulary and grammar.

SPANISH II (5520)
1 Credit
Prerequisite: Spanish I

Spanish II is designed to provide students with the opportunity to review and broaden their understanding of the fundamental concepts introduced in Spanish I. Particular attention will be given to the continued study of grammatical structures and the systematic expansion of vocabulary, with the goal of fostering greater proficiency in the four key language skills: listening comprehension, speaking, reading, and writing. All instruction will promote both linguistic competence and cultural awareness. Students will be expected to read and interpret extended passages of text, demonstrate comprehension through both oral and written expression, and apply acquired vocabulary and structures in meaningful contexts. By the conclusion of the course, students should be able to engage in conversations, formulate and respond to questions with increasing accuracy, and participate more confidently in communicative exchanges pertaining to the material studied.

SPANISH III (5530)
1 Credit
Prerequisite: Spanish II
Spanish III builds upon the skills developed in Spanish I and II, with a focus on advancing communication and deepening cultural understanding. Students will strengthen their ability to converse in Spanish through more complex vocabulary, verb tenses, and sentence structures. Emphasis is placed on improving fluency, comprehension, and accuracy in listening, speaking, reading, and writing. Cultural exploration expands to include literature, film, art, and current events from the Spanish-speaking world. By the end of the course, students will be able to engage in extended conversations, write with greater detail and organization, and analyze authentic cultural materials.

SPANISH IV (5540)
1 Credit
Prerequisite: Spanish III, recommended that you earn a B or better in the previous course.

Spanish IV is a course designed to refine language proficiency and broaden cultural perspectives. Students will apply their knowledge of grammar and vocabulary to engage in more sophisticated conversations, discussions, and presentations. Emphasis is placed on interpreting authentic texts, films, and media from Spanish-speaking countries, as well as writing essays and creative pieces with greater depth and accuracy. Cultural studies include history, literature, art, and contemporary issues, fostering critical thinking and global awareness. By the end of the course, students will demonstrate confidence in using Spanish to communicate effectively in both academic and real-world contexts.

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
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
Fee: $20.00 fee for uniform and $5.00 for the Dr. Ed. Workbook (Required)

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 $100 is required for Behind-The-Wheel instruction. Fourteen (14) hours of on-road instruction is taught before and after school 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
Grade Level: 11-12
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.

12 NUTRITION & WEIGHT TRAINING (7610)
1 Credit
Prerequisite: PE 11
Grade Level: 11-12
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
Grade Level: 11-12
Elective Course
Fee: $20.00 fee for uniform, if purchased

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: 11-12
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.

ATHLETIC AND SPORTS LEADERSHIP DEVELOPMENT (22103)
1 Credit
Prerequisite: None
Grade Level: 10-12
Elective Course

The Sports and Athletics Leadership program goal is to help students and athletes develop the skills and traits needed to be leaders in school and on the field, mat, track, pool, court…. This class is part "internship" for the Activities Office and part course-study on sports leadership where there will be units of study along with working with the Activities Office on helping and enhancing our athletics programs at New Kent HS & MS. Sports leadership will give students the opportunity to participate in events both in and out of the classroom. During this course students will also develop the skills to be leaders, collaborators, communicators, goal-directed individuals, and creative and critical thinkers.

SPORTS, EXERCISE & HEALTH SCIENCE (7638)
1 Credit
Prerequisites: None
Grade Level: 10-12
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

ECONOMICS & PERSONAL FINANCE (6120)
1 Credit
Prerequisite: None
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.

AP BUSINESS WITH PERSONAL FINANCE ***New 26-27!***
1 Credit
Prerequisite: None
Grade Level: 11-12

AP Business with Personal Finance is a yearlong high school business and personal finance course that aligns closely with a college-level introduction to business course. Students explore the business disciplines of entrepreneurship, marketing, finance, accounting, and management through real-world business applications, case studies, and project based learning. In addition, students learn and apply all the National Standards for Personal Financial Education created by the Council for Economic Education and the Jump$tart Coalition for Personal Financial Literacy. This course meets the E/PF requirement needed for graduation.

MARKETING EXPLORATION (8110)
1 Credit
Prerequisite: None
Suggested Grade level(s): 9-12
Elective Course
Fee: $10

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

SPORTS, ENTERTAINMENT & EVENT MARKETING (8175)
1 Credit
Prerequisite: Marketing Exploration
Suggested Grade level(s): 10-12
Elective Course
Fee: $10

Description: This course helps students develop a thorough understanding of fundamental marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of customer service, branding, product development, pricing and distribution, business structures, sales processes, digital media, sponsorships and endorsements, as well as promotion needed for sports and entertainment events. The course explores career options and develops workplace readiness skills. Contextual instruction and student participation in co-curricular DECA activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

STRATEGIC MARKETING (8130)
1 Credit
Prerequisite: Marketing Exploration
Suggested Grade level(s): 10-12
Elective Course
Fee: $10

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

INTRODUCTION TO CULINARY ARTS (8250)
1 Credit
Prerequisite: None
Grade Level 9 - 12
Elective Course Fee: $50.00

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.

CULINARY I ***New 26-27!***

2 Credits (Year long course, meets every day)
Prerequisite: None
Grade Level: 10-12
Elective Course
Fee: $ 100

Culinary Arts I provides students with a foundational understanding of the food service industry and opportunities to build technical skills in food preparation and service. Students examine basic rules of kitchen safety and sanitation, purchasing and receiving, nutrition, and menu development. The curriculum incorporates culinary applications of math, science, and technology. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

ELECTRONICS SYSTEMS I (8416)

1 Credit
Prerequisite: None
Grade Level: 9-12
Elective Course
Fee: $20.00

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: $20.00

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: $20.00

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.

ENGINEERING DRAWING/DESIGN (8436)
1 Credit
Prerequisite: Intro to Engineering
Grade Level: 10-12
Elective Course
Fee: $20.00

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

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
Grade Level 10-12
Elective Course

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
Grade Level 10-12
Elective Course

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.

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

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.

Students enrolled in the DE section of VTfT 1 will complete this course:
EDU 200 - Foundations of Education
Explores the foundational topics related to education. Emphasizes the historical, philosophical, social, legal, ethical, and professional aspects of teaching. This course requires a practicum with a minimum of 20 hours of observation in a K-12 setting.
Lecture 3 hours. Total 3 hours per week.
3 college credits
Fee: TBD (Courses not included as part of the *Uniform Certificate of General Studies* require a per credit fee.)

VIRGINIA TEACHERS FOR TOMORROW 2 (9072)
1 Credit
Prerequisite: Virginia Teacher for Tomorrow 1
Grades 11-12
Elective Course

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 NKCPS while enrolled in college.

Students enrolled in the DE section of VTfT 2 will complete this course:
EDU 206 - Classroom and Behavioral Management
Provides an overview of developing a positive and inclusive learning environment. Emphasizes methods for managing the diverse needs of students in order to promote a positive learning environment. Addresses how to establish and communicate expectations for effective instruction.
Lecture 3 hours. Total 3 hours per week.
Prerequisite: EDU 200
3 college credits
Fee: TBD (Courses not included as part of the *Uniform Certificate of General Studies* require a per credit fee.)

NATIONAL JUNIOR RESERVE OFFICER'S TRAINING CORPS Levels 1-4 (09101, 09102, 09103)
1 Credit
Prerequisite: None
Grade Level: 9-12
Elective Course (Year long A/B)
Fee: $30.00

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

Portfolio Preparation: 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.

AP STUDIO ART- Two Dimensional (05174)
1 Credit
Prerequisites: Art 3 or Photo 3
Grade Level: 11-12
Elective Course
Fee: The AP Exam is approximately $100.

In AP 2-D Art and Design, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 2-D art and design skills through graphic design, sequential art, photography, collage, printmaking, illustration, industrial design,
animation, game design, painting, fibers, and others.

AP STUDIO ART- Three Dimensional
1 Credit
Prerequisite: Ceramics 2 and Crafts/Material Study or Ceramics 3
Grade Level: 11-12
Elective Course
Fee: The AP Exam is approximately $100.

In AP 3-D Art and Design, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 3-D art and design skills through sculpture, architecture, ceramics, jewelry, fashion and apparel design, bookmaking, game design, interior design, fibers, and others.

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

Portfolio Preparation. 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.

CRAFT DESIGN & Material Studies (9160)
1 Credit
Prerequisite: Art 1, Photo 1, or Ceramics 1
Grade Level: 9-12
Elective Course
Fee: $25.00

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.

PHOTOGRAPHY I (9190)
1 Credit
Prerequisite: None
Grade Level: 9-12
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: 9-12
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: 10-12
Elective Course
Fee $35.00

Portfolio Preparation. 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. Students are self-driven and work on how they can use photography with webpage editing and potential career paths. Film cameras will be provided; students 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 instrument rental $30 class fee
* Students are expected to provide an instrument for the class. A limited number of large instruments such as tubas, baritones, and large woodwind instruments are available to rent for $25 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:$30

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: $30
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: $20.00

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: $20.00

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: $20.00

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: $20.00

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.

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 Geometry 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 Geometry 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 credit in Algebra II and carry an overall 3.0 to qualify.

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.
Mrs. Peggy Spiak serves as the school's point of contact (pspiak@nkcps.k12.va.us).
An RCC Navigator also works with students to assist with course selection.

VIRTUAL VIRGINIA

The Virginia Department of Education (VDOE) through the Virtual Virginia (VVa) program offers a variety of distance-learning opportunities for K–12 students throughout the Commonwealth. For VVA, success is all about providing educational opportunities to all Virginia students and helping students grow academically.
NKHS students may be eligible to enroll in an initial or recovery credit online (virtual) course available through Virtual Virginia. All virtual learning courses require advance approval from the principal, counselor, and parent.
Virtual Virginia courses utilize both asynchronous and synchronous approaches to instruction, through which students will work independently and collaborate with their instructors and peers.

- Course offerings are available only for those classes not offered at NKHS (the principal may grant exceptions to this policy as necessary). Prior to approval for any Virtual Virginia course, students are required to meet with their counselor to discuss academic plans and available alternatives to scheduled courses.
- Students and parents are strongly encouraged to view the Parent/Family Orientation video and the Handbook for Students and Families prior to requesting a course. Both can be found at: https://virtualvirginia.org/parents/
- Students must enroll in Virtual Virginia courses for the entire school year and attend a scheduled classroom at NKHS during the regular school day. In the event that a scheduled time will not fit in a student's schedule an exception may be made with prior approval from the principal.
- Only weighted courses with an equivalent at NKHS will be weighted. These courses will be weighted according to the NKHS weight.
- Courses taken through Virtual Virginia may require payment of tuition/fees. Students who drop these courses after the deadline will incur a cancellation fee.

WELDING

3 HS credits
12 College Credits
Grade Level: 12

This program is offered through Rappahannock Community College. 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. Students will learn various welding processes including SMAW (Shielded Metal Arc Welding), GMAW (Gas Metal Arc Welding), FCAW (Flux Cored Arc Welding), and GTAW (Gas Tungsten Arc Welding).
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. Students will also earn college credits.

PRACTICAL ELECTRICAL TECHNICIAN Career Studies Certificate

3 HS credits
16 College Credits
Grade Level: 12

This career studies certificate ;leads to entry-level employment in the eclectic industry. The curriculum provides foundational knowledge in basic electrical concepts, safety, wiring, controls, and the National Electrical Code. The courses in this career studies certificate are also foundational in the Applied Associate of Science degree in General Engineering Technology.
The Practical Electrical Technician Career Studies Certificate prepares students for employment in entry-level or internship positions in the electrical industry, such as electrical maintenance technician, industrial electrical technician's assistant, cable technician, electrical repair, and tool technician.

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 until 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.

Culinary Arts (8275/8276/9093/8272)
Two-year completer 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. Average salary for chefs and cooks range from $31,847 to $63,580 for skilled positions.

Cyber Security & Game Design (6640/6641/8628/6302/8400/8460)
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. Average salaries range from $59,874-$139,805,000, depending on skill and education.

Diesel Equipment Technology (8613/8614/9093/9094)
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. Average salary for heavy equipment mechanics and diesel specialists range from $55,098 to $57,898 depending on skill and experience.

Small Engine & Marine Service Technology (8725/8726/8750/8751)
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 average annual salary from $43,000 to $53,000.

HVACR (8503/8504/ES8411/ED8411/9093)
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%.

Emergency Medical Services (8333/8334/8383)
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. Average entry salary for basic EMTs is $38,148.

Nursing (8355/8356/8368)
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 checks are required.
This program is a senior level dual enrollment Nurse Aide class. A minimum of forty 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 continue on to a Registered Nurse degree after graduation. Average salary for a CNA 35,072 and an average RN salary is: $84,010.

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. An average salary for Pharmacy Technicians is $39,430.

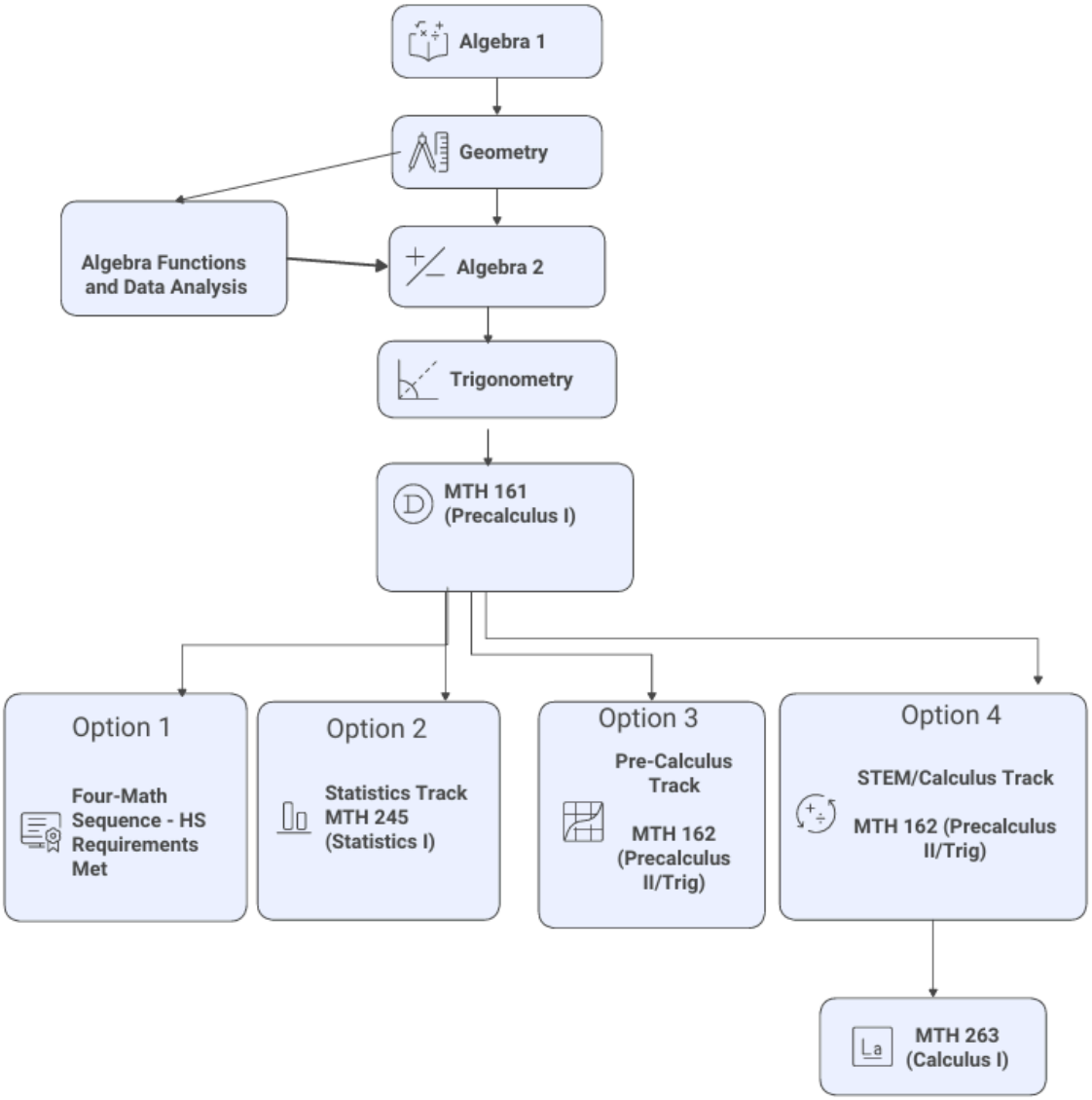
Please note *that students participating in each BCTC program will be awarded three high school credits each year upon successful completion of course requirements. College credits awarded vary by program and course.*

Math Pathways for the Standard and Advanced Studies Diplomas

Recommendations for Course Placement:
New Kent High School utilizes an instructional rubric for core course placement purposes using factors such as final grades, SOLs, teacher recommendations, etc. While recommendations are believed to be the best placement for students, students and families do retain the right to make adjustments upon request. To begin this process, please first contact the teacher who made the original recommendation.

The standard diploma pathway may include Algebra and/or Geometry in Parts in addition to Algebra, Functions, and Data Analysis.

High School Math Pathways



* These are the main four pathways students will most likely follow however students can adjust some of these pathways to align with personal goals.