

Randolph-Henry High School



Student Guide for Individual Career Planning

INTRODUCTION

This document has been prepared for use in planning a high school program of studies. The suggested course outlines include, at the appropriate grade levels, the courses which are required by the State Board of Education and Charlotte County School Board of all students before receiving a high school diploma. In addition, suggestions are offered for course choices at each grade level in accordance with the planned courses of study. **Parents are urged to read carefully all sections of this booklet before making course selections with their children.** Questions may be directed to the student's counselor at the respective school. Parents are encouraged to make appointments with their child's school counselor, or they may contact them by telephone: CMS (434) 542-4536 & RHHS (434) 542-4111.

4-YEAR PLAN

Students in grades 9-12 will be required to update their program of studies with their counselor annually. As students progress in school, they may make changes in courses previously selected. Conferences with counselors and consent from parents will be required prior to any change.

4X4 BLOCK SCHEDULE

A four-course semester block schedule (commonly known as the 4x4) is used in grades 9-12. The semester schedule offers each student at the high school an opportunity to take eight courses per year.

SCHEDULING

Student course selections are made after consultation with school counselors and parent approval. Course selections are used to schedule classes and to determine staffing needs. Seniors will be given first choice in course selection whenever possible. If a first choice is unavailable or does not fit in the schedule, a student will receive one of their alternate choices.

SCHEDULE CHANGES

Changes will not be made unless it is determined that there are very unusual circumstances. All changes must be approved by the principal/school counseling department and will be regulated by space limitations. If a course is selected that will not be offered due to lack of enrollment, students will be given one of the alternate courses selected. Students will be enrolled in alternate choice courses if a selected course is full. Not all subjects will be offered each semester. **THE DEADLINE FOR ALL SCHEDULE CHANGES WILL BE 3 DAYS AFTER THE FIRST DAY OF SCHOOL. NO SCHEDULE CHANGES WILL BE ALLOWED AFTER THIS TIME.**

Grading Scale

Courses designated as Advanced, Governor's School, Dual Enrollment and AP Classes denote weighted classes.

GRADING SCALE

Letter	Numerical Value	Achievement Rating	Quality Point Value	Val./Weighted Class
A	90-100	Outstanding	4.0	5.0
B	80-89	Above Average	3.0	4.0
C	70-79	Average	2.0	3.0
D	65-69	Below Average	1.0	2.0
F	Below 65	Unsatisfactory	0.0	0.0

GRADE POINT AVERAGE (GPA)

A student's grade point average (GPA) shall be based on all credit courses taken for graduation purposes including credit courses completed in grade 8. GPA shall be determined by adding the quality points earned per credit and dividing the total by the number of credits attempted. The GPA shall be based on the final letter grade in each class.

PROMOTION

Students will be promoted according to the following policy:

Grade 10 - pupil shall have accumulated 6 credits including English 9.

Grade 11 - completion of 12 credits including English 10.

Grade 12 – completion of 18 credits including English 11 and six verified credits (if entered 9th grade).

HONOR ROLL

1. To qualify for the —Academic Honor Roll, the student shall have achieved an overall B average for the designated marking period. No C shall be permitted.
2. To qualify for the —Principal’s List, the student shall have earned A’s in all courses for the designated marking period.
3. A student must take at least two (2) credit courses to qualify for the—Academic Honor Roll or Principal’s List.

DUAL ENROLLMENT- must meet minimum requirement on College Entrance Exam.

Students selecting dual enrollment classes will have the tuition for 12 credit hours paid by the Charlotte County School Board. This policy is subject to change depending on the availability of funds. Any student choosing to take more than 12 credit hours must pay the tuition fees for those courses. There is a consumable fee of \$25.00 (per 3 credits) for each dual enrollment course in which a student is enrolled. **Any student enrolled in dual enrollment classes choosing to drop a class must do so prior to the Drop/Add date set by the college. Students dropping a class after that date will receive an F in the class and must reimburse Charlotte County Schools for cost of tuition. Students receiving a grade below a C in a dual enrollment class will be required to reimburse Charlotte County Schools for the cost of tuition. If students do not complete and return SVCC applications, they will be withdrawn from the class. If a dual enrollment class is not needed for a student’s program of study, the request to take the class may be denied.**

Students participating in the Southside Virginia Governor’s School will have the tuition for 12 additional credit hours paid by the Charlotte County School Board in addition to the GSSV classes if they enroll in Dual Enrollment classes through SVCC.

SUMMER SCHOOL

Randolph-Henry does not offer summer school for high school credits. Randolph-Henry does not offer summer school for high school credits in every content area. Students may attend high school summer courses taught in other accredited school divisions. All guidelines relative to credit courses must be met in order to use such classes for graduation purposes. Students and parents are encouraged to direct any questions concerning summer school to the RHHS Guidance Office. Permission to take a course for high school credit must be granted by the principal. Students cannot take dual enrollment courses during the summer for high school credit unless the student is an approved associate’s degree student and the course will not fit in their schedule during the school year. The exception to this is Economics and Personal Finance which is available to all students as dual enrollment credit through Longwood University.

Students may be invited to attend Project Graduation during the summer for SOL Verified Credit recovery.

CLASS RANK

Class rank is determined by the cumulative total of quality points earned for all courses attempted for graduation purposes beginning in grade 8. The total quality points for a course type and each letter grade are indicated in the grading scale. Courses carrying a weighted value are marked in the list of course offerings. Valedictorian and Salutatorian will be determined based on the cumulative number of quality points with the highest total being declared Valedictorian and second highest total being declared Salutatorian. In the event of a tie in total quality points, co-positions will be named.

****Beginning with the graduating class of 2019, Valedictorian and Salutatorian will be determined based on GPA. GPA is determined by the cumulative number of quality points divided by the number of courses taken.**

VERIFIED CREDITS/STANDARD CREDITS

Students must obtain verified credits as well as standard credits in order to obtain a diploma. A **standard credit** is based on: 1) A minimum of 140 clock hours of instruction, 2) Successful completion of the requirements of the course. A **verified credit** is based on: 1) A minimum of 140 clock hours of instruction, 2) Successful completion of the requirements of the course, and 3) The achievement of a passing score on the end-of-course SOL test for that course. The following pages show the number of verified and standard credits required for graduation.

GRADUATION REQUIREMENTS

ADVANCED STUDIES DIPLOMA (26 credits)

For students entering 9th grade for the first time in 2018-19 and beyond

Advanced Studies Diploma Course Requirements		
Discipline Area	Standard Credits	Verified Credits
English	4	2
Mathematics	4	1
Laboratory Science	4	1
History & Social Sciences	4	1
World Languages	3 (or 2 & 2)	
Health & Physical Education	2	
Fine Arts or Career or Technical Education	1	
Economics and Personal Finance	1	
Electives	3	
Total	26	5

Additional Requirements for Graduation

- **Advanced Placement, Honors, or International Baccalaureate Course or Career and Technical Education Credential** - In accordance with the Standards of Quality, students shall either (i) complete an Advanced Placement, honors, or International Baccalaureate course or (ii) earn a career and technical education credential approved by the board, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the advanced 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.
- **Training in emergency first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillators (AED)** - Students shall be trained in emergency first aid, CPR, and the use of AED, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Students 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 five Cs** - Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication, and citizenship in accordance with the Profile of a Virginia Graduate approved by the board.

STANDARD DIPLOMA (22 credits)

For students entering 9th grade for the first time in 2018-19 and beyond

Standard Diploma Course Requirements		
Discipline Area	Standard Credits	Verified Credits
English	4	2
Mathematics	3	1
Laboratory Science	3	1
History & Social Sciences	3	1
Health & Physical Education	2	
World Language, Fine Arts or Career or Technical Education	2	
Economics and Personal Finance	1	
Electives	4	
Total	22	5

Additional Requirements for Graduation

- **Advanced Placement, Honors, or International Baccalaureate Course or Career and Technical Education Credential** - In accordance with the Standards of Quality, students shall either (i) complete an Advanced Placement, honors, or International Baccalaureate course, or (ii) earn a career and technical education credential approved by the board, except when a career and technical education credential in a particular subject area is not readily available or appropriate or does not adequately measure student competency, in which case the student shall receive satisfactory competency-based instruction in the subject area to satisfy the standard diploma requirements. 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.
- **Training in emergency first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillators (AED)** - Students shall be trained in emergency first aid, CPR, and the use of AED, including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Students 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 five Cs** - Students shall acquire and demonstrate foundational skills in critical thinking, creative thinking, collaboration, communication, and citizenship in accordance with the Profile of a Virginia Graduate approved by the board.

STANDARD DIPLOMA WITH CREDIT ACCOMMODATIONS (22 credits)

The Board of Education has approved **Guidelines for Standard Diploma Credit Accommodations for Students with Disabilities** to provide alternatives for these students in meeting the requirements for a Standard Diploma. Students with disabilities who entered 9th grade in 2013-14 and beyond may qualify for the Standard Diploma with Credit Accommodations. The use of credit accommodations for a student is determined through the IEP team.

Credit accommodations provide alternatives for students with disabilities in earning the standard and verified credits required to graduate with a Standard Diploma.

Credit accommodations for students with disabilities may include:

- Alternative courses to meet the standard credit requirements
- Modifications to the requirements for locally awarded verified credits
- Additional tests approved by the Board of Education for earning verified credits
- Adjusted cut scores on tests for earning verified credits
- Allowance of work-based learning experiences through career and technical education (CTE) courses

While credit accommodations provide alternate pathways and flexibility, students receiving accommodations must earn the 22 standard credits and six verified credits required to graduate with a Standard Diploma. In contrast, only 20 standard credits and 0 verified credits are required for the Modified Standard Diploma.

APPLIED STUDIES DIPLOMA

The Applied Studies Diploma is a diploma option available to students identified as having a disability who complete the requirements of their individualized education programs (IEPs) and meet certain requirements prescribed by the Board of Education pursuant to regulations, but do not meet the requirements for any named diploma.

Students completing graduation requirements in a summer school accredited under these standards shall be eligible for a diploma. The last school attended by the student during the regular session shall award the diploma unless otherwise agreed upon by the principals of the two schools.

Students who complete a prescribed course of study as defined by the school board but who do not qualify for diplomas shall be awarded a Certificate of Program Completion by the school board.

TRANSFER CREDITS

1. A secondary school shall accept credits received from other accredited secondary schools, including summer schools, special sessions schools accredited through the Virginia Council for Private Education, and educational programs operated by the state. Credit also shall be accepted for courses satisfactorily completed in accredited colleges and universities when prior written approval from the principal has been granted.
2. Records of transferred students shall be sent directly to the school receiving the student upon request of the receiving school in accordance with the provisions of the Management of the Student's Scholastic Records in Virginia.

COURSES COMPLETED PRIOR TO NINTH GRADE

When students below the ninth grade successfully complete courses offered for credit in grades 9-12, credit shall be counted toward meeting the standard units required for graduation. These courses must meet SOL requirements or be equivalent in content and academic rigor as those courses offered at the secondary level.

HIGH SCHOOL CREDIT COURSES TAKEN PRIOR TO 9TH GRADE

For any high school credit-bearing course taken in middle school, parents may request in writing that grades be omitted from the student's transcript and the student not earn high school credit for the course by May 1st of that school year. The superintendent specifies, by regulation, the deadline and procedure for making such a request. Notice of this provision is provided to parents.

AWARDS FOR EXEMPLARY PERFORMANCE

Students meeting specific requirements for graduation and demonstrating exemplary performance may receive diploma seals for recognition. VDOE makes available to local school divisions the following seals:

Governor's Seal – Awarded to students who complete the requirements for an Advanced Studies Diploma with an average grade of "B" or better, and successfully complete college-level coursework that will earn the student at least nine transferable college credits in Advanced Placement (AP), International Baccalaureate (IB), Cambridge, or dual enrollment courses.

Board of Education Seal – Awarded to students who complete the requirements for a Standard Diploma or Advanced Studies Diploma with an average grade of "A" beginning with the ninth-grade class of 2006-2007 and beyond.

Board of Education's Career & Technical Education Seal – Awarded to students who:

- earn a Standard or Advanced Studies Diploma and complete a prescribed sequence of courses in a career and technical education concentration or specialization that they choose and maintain a "B" or better average in those courses
 - OR pass an examination or an occupational competency assessment in a career and technical education concentration or specialization that confers certification or occupational competency credential from a recognized industry, trade or professional association
 - OR acquire a professional license in that career and technical education field from the Commonwealth of Virginia.
- The Board of Education shall approve all professional licenses and examinations used to satisfy these requirements.

Board of Education's Advanced Mathematics & Technology Seal – Awarded to students who earn either a Standard or Advanced Studies Diploma and satisfy all of the mathematics requirements for the Advanced Studies Diploma (four units of credit including Algebra II; two verified units of credit) with a "B" average or better; and either

- pass an examination in a career and technical education field that confers certification from a recognized industry, or trade or professional association
- OR acquire a professional license in a career and technical education field from the Commonwealth of Virginia
- OR pass an examination approved by the board that confers college-level credit in a technology or computer science area.

The Board of Education shall approve all professional licenses and examinations used to satisfy these requirements.

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

- Satisfy the requirement to earn a Modified Standard Diploma, a Standard Diploma or an Advanced Studies Diploma

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

Students may receive other seals or awards for exceptional academic, career and technical, citizenship, or other exemplary performance in accordance with criteria defined by the school board.

ADDITIONS TO GENERAL CURRICULUM

In addition to the course offerings and course descriptions on the following pages, Randolph-Henry High School offers the programs and courses listed below.

- Dual Enrollment University Parallel Program – General Studies Associate in Arts and Science
 - This program is geared towards rising 9th graders who have met qualification standards during 8th grade.
- On-Campus Dual Enrollment
 - These SVCC classes are taught on the Randolph-Henry High School campus by Randolph-Henry teachers and SVCC professors.
- On-Line Dual Enrollment
- Governor's School of Southside Virginia
 - This program is geared towards rising 11th and 12th graders who have met qualification standards during 10th grade.
 - There are two strands:
 - Humanities
 - STEM
- Post-Secondary Education Certification and Licensures
 - Agribusiness Career Studies Certificate
 - General Education Certificate
 - Public Safety Career Studies Certificate
 - Automotive Diagnosis and Tune-Up Certificate
 - Welding Career Studies Certificate
 - Certified Nurse Aide Certificate
 - Mechatronics (SVHEC)
 - IT Academy (SVHEC)
- Virtual Virginia Courses
- APEX

Charlotte County Public Schools Nondiscrimination Policy

(Policy AC) The Charlotte County School Board is committed to nondiscrimination with regard to sex, gender, gender identity, race, color, national origin, disability, religion, ancestry, age, marital status, genetic information or any other characteristic protected by law. This commitment will prevail in all of its policies and practices concerning staff, students, educational programs and services, and individuals and entities with whom the Board does business.

(Policy GB) The Charlotte County School Board is an equal opportunity employer, committed to nondiscrimination in recruitment, selection, hiring, pay, promotion, retention and other personnel actions affecting employees or candidates for employment. Therefore, discrimination in employment against any person on the basis of race, color, creed, religion, national origin, ancestry, political affiliation, sex, sexual orientation, gender, gender identity, age, pregnancy, childbirth or related medical conditions, marital status, military status, genetic information or disability is prohibited. Personnel decisions are based on merit and the ability to perform the essential functions of the job, with or without reasonable accommodation.

The Charlotte County School Board provides facilities, programs and activities that are accessible, usable and available to qualified disabled persons. Further, the Charlotte County School Board does not discriminate against qualified disabled persons in the provision of health, welfare and other social services.

(Policy JB) Equal educational opportunities are available for all students, without regard to sex, sexual orientation, race, creed, color, national origin, gender, gender identity, ethnicity, religion, disability, ancestry, marital or parental status or any other unlawful basis. Educational programs are designed to meet the varying needs of all students.

Note: All students attending Charlotte County Public Schools may participate in all education programs and activities regardless of race, color, national origin, primary spoken language, religion, age, disabling condition or sex. These include, but are not limited to, core academic courses, health and physical education, music and art, vocational and technical education (agricultural education, business education, work and family studies, grade and industrial education, etc.), and other elective courses and programs.

Specific complaints of alleged discrimination pursuant to Policy AC, GB, and JB should be referred to the designated Compliance Officers:

Dr. Shep Critzer, Director of Student Services
Charlotte County Public Schools
250 LeGrande Avenue
P O Box 250
Charlotte Court House, VA 23923
Phone: 434-542-9503
FAX: 434-542-4261

COURSE DESCRIPTIONS

ENGLISH DEPARTMENT

ENGLISH 9

The main emphasis in this course will be the SOL objectives mandated by the state of Virginia. Students will exhibit knowledge and comprehension of correct language and mechanics usage. Students will expand on vocabulary development, write with clarity, and analyze literature.

Prerequisite: Language Arts 8

ENGLISH 10

Students will demonstrate knowledge and understanding of various literary genres including poetry, drama, short stories, nonfiction, and legends. Students will demonstrate knowledge of the correct usage of language. They will increase their vocabularies. They will use the writing process to develop persuasive, expository, narrative, and descriptive writings. They will analyze consumer information and write a resume. The main emphasis in the course will be on current SOL objectives as set forth by the state of Virginia.

Prerequisite: English 9

ENGLISH 11

Focusing primarily on the SOL objectives, this course emphasizes the study of American literature and composition. The study of literature is on ideas, characteristics, and themes from the Colonial times to the present. The study of composition focuses on persuasion, business, and research.

Prerequisite: English 10

COLLEGE COMPOSITION I AND II (ENG 111/ENG 112) Dual Enrollment

Develops writing ability for study, work and other areas of writing based on experience, observation, research, and reading of selected literature. It will guide students in learning writing as a process, understanding audience and purpose, exploring ideas and information, composing, revising, and editing. Supports writing by integrating experiences in thinking, reading, listening, and speaking. Students need strong organizational skills and must be able to work independently, as this is a college level course. Students receive six college credits.

Prerequisite: A or B in English 10 or 11 & GPA

ENGLISH 12

Students enrolled in this course will be involved in a number of activities designed to improve reading and communication skills. Emphasis is on reading critically and expressing ideas with clarity. State mandated SOL's for English 12 are all incorporated in this class.

Prerequisite: English 11

SURVEY OF BRITISH LITERATURE I AND II (ENG243/ENG244) Dual Enrollment

Studies major English works from the Anglo-Saxon period to the present, emphasizing ideas and characteristics of the British literary tradition. The course involves critical reading and writing. This is an advanced college level course that requires students to read approximately 50 pages per week and write analysis papers on an independent basis. Students will receive six college credits.

Prerequisite: A or B in English 111 & 112 & GPA

MATH DEPARTMENT

ALGEBRA I (semester or year)

The student will learn to use integers and variables to simplify expressions and solve equations and inequalities. Other topics will include graphing functions, factoring, polynomials, matrices, square roots, systems of equations, and applications. Technology (including calculators, computers, and/or graphing calculators) will be utilized.

GEOMETRY (semester or year)

This course is the study of figures, both solid and plane. Students will study the formation of the formal mathematical proof while working with sets of points such as parallel lines, congruent triangles, and polygons. They will see how 2-dimensional and 3-dimensional figures are related and how formulas for areas and volumes are developed. In addition, students will be introduced to the properties of quadrilaterals, circles, and special right triangles. Calculators, computers, and/or graphing calculators will be used where feasible. This course must be taken before Algebra II.

Prerequisite: Algebra I

ALGEBRA FUNCTIONS DATA ANALYSIS

Prerequisite: Algebra I & Geometry

This course is designed for students who have successfully completed Algebra I. Within the context of mathematical modeling and data analysis, students will study functions and their behaviors, systems of inequalities, probability, experimental design and implementation, and analysis of data. Data will be generated by practical applications arising from science, business, and finance. Students will solve problems that require the formulation of linear, quadratic, exponential, or logarithmic equations or a system of equations. Through the investigation of mathematical models and interpretation/analysis of data from real life situations, students will strengthen conceptual understandings in mathematics and further develop connections between algebra and statistics.

ALGEBRA II (semester)

Prerequisite: Algebra I & Geometry

This course expands upon the skills learned in Algebra I and introduces topics necessary for higher-level math courses. It deals with advanced algebraic concepts including functions, rational and radical expressions, complex numbers, variations, sequences and series, matrices, and basic probability and statistical concepts. Problem solving and applications are stressed. The use of technology (calculators, computers, and/or graphing calculators) is incorporated when applicable.

ADVANCED MATH

Prerequisite: Algebra II

This course is designed to familiarize students with mathematical concepts that are necessary for college-level studies. Topics include functions, graphing linear inequalities, rational expressions, conic sections, and an extensive study of trigonometry. This course will receive a weighted grade.

STATISTICS I (MTH 245) Dual Enrollment

Prerequisite: Algebra II & GPA

This dual-enrollment course will cover descriptive statistics, elementary probabilities, probability distributions, estimation, and hypothesis testing. Lecture 3 hours per week. Algebra I, Algebra II, Geometry, and college reading competency required.

PRE-CALCULUS (MTH 161) Dual Enrollment

Prerequisite: Adv. Math & GPA

Pre-calculus is being offered as a dual-enrollment course through SVCC. The course is designed to familiarize students with concepts necessary for a study of calculus. Topics include functions, polynomials, trigonometry, arithmetic and geometric sequences and series, and polar equations with graphing.

SCIENCE DEPARTMENT

ENVIRONMENTAL SCIENCE

Prerequisite: None

Environmental Science integrates 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. This course will include student data collection and analysis through laboratory experiences and field work.

BIOLOGY

Prerequisite: Earth Science

Students are introduced to the basic biological principles of science. The course is designed to help students develop biological concepts, which may help them in life. Major topics covered include Human Anatomy and Physiology, Human Disease, Plant Biology, Cell Biology, the Classification System, the distribution of life on Earth, and the human impact on the biosphere. Laboratory investigations are an important part of this course. A science project is required for the class. Students will use the Scientific Method to discover scientific principles.

ADVANCED BIOLOGY

Prerequisite: Earth Science & Teacher Recommendation

This course is for the college bound student and is a college level introduction to general biology. The course is designed to help students develop biological concepts, which may help them in life. Major topics covered include Human Anatomy and Physiology, Human Disease, Plant Biology, Cell Biology, the Classification System, the distribution of life on Earth, and the human impact on the biosphere. Laboratory investigations are an important part of this course. A science project is required for the class. Students will use the Scientific Method to discover scientific principles.

CHEMISTRY

Prerequisite: Algebra I, Biology and Geometry

This is an introductory course in Chemistry. Chemistry is the science dealing with materials, their composition, and the changes they undergo. Topics include: states of matter, stoichiometry, calculations in chemical equations, types of reactions, the periodic table, laboratory procedures, acid/base chemistry, etc. Laboratory experiments are used to reinforce the topics studied.

ANATOMY

Prerequisite: Biology

This class is for high school students who have completed Biology. This course will cover most body systems so the learner will have a basic understanding of how the human body works. Students will develop a basic appreciation of the structure and function of the human anatomy, in addition to topics of nutrition, metabolism, and growth and development.

ADVANCED ANATOMY

Prerequisite: Biology & Teacher Recommendation

This class is for high school students who have completed Biology and Chemistry and who are interested in pursuing a career related to the human body, such as Sports Medicine, Nursing, Physical Therapy and Forensic Science. The course will place emphasis on the study of the structure of body parts and their relationship to one another.

SOCIAL STUDIES DEPARTMENT

WORLD HISTORY TO 1500 A.D. & GEOGRAPHY

Prerequisite: None

The standards enable students to explore the historical development of people, places, and patterns of life from ancient times until about 1500 A.D. Students study the origins of much of our heritage using texts, maps, pictures, stories, diagrams, charts, chronological skills, inquiry/research skills, and technology skills.

ADVANCED WORLD HISTORY TO 1500 A.D. & GEOGRAPHY

Prerequisite: Predetermined SOL score & Teacher Recommendation

This course will concentrate on the same areas of content as the regular section. The differentiation will be the accelerated pace, and a stronger emphasis on writing and comprehension. Students should have an A/B average in previous social studies courses. This class receives a weighted grade.

WORLD HISTORY: 1500 A.D. TO THE PRESENT AND GEOGRAPHY

Prerequisite: World History to 1500 A.D. & Geography

The standards for students cover history and geography from the late Middle Ages (1500 A.D.) to the present with emphasis on Western Europe. Geographic influences on history continue to be explored, but increasing attention is given to political boundaries that developed with the evolution of nation-states. Significant attention will be given to the ways in which scientific and technological revolutions created new economic conditions that in turn produced social and political changes. The people and events of the nineteenth and twentieth century's will be emphasized for their strong connections to contemporary issues. The standards strike a balance between the broad themes of history and the probing of specific historic events, ideas, issues, persons, and documents. Using texts, maps, pictures, stories, diagrams, charts, and a variety of chronological, inquiry/research, and technological skills, students develop competence in chronological thinking, historical comprehension, and historical analysis.

VIRGINIA & UNITED STATES HISTORY

Prerequisite: World History to 1500 A.D. & 11th Grade

This course of American History presents, explores, and analyzes the complexity of problems and policies, which have shaped the American experience from colonization to the present day. It is designed to give the students a general but practical knowledge of the political, social, and economic issues that have structured the American past and that are continuing to direct our national purposes and policies today.

UNITED STATES HISTORY I and II (HIS 121/HIS 122) 2 semesters Dual Enrollment

Prerequisite: A or B in Social Studies classes, GPA & 11th Grade

This course is a survey of American History. It begins with the settlement of Native Americans across the Western Hemisphere and ends with the events surrounding the close of the 20th century. Its primary objective is to show students the correlation between the past and present and future of the United States. This course receives a weighted grade and six college credits.

VIRGINIA AND UNITED STATES GOVERNMENT

Prerequisite: Virginia and United States History & 12th Grade

Virginia and United States Government involves a survey of all areas of the American governing systems. It includes local, state and national organizational studies and the elements of influence that exist in our political structure. Students are encouraged to become involved in national, state, and local political structure activities both in and out of the classroom setting. The value of

living in a democratic society and the importance of citizen participation for the preservation of that society are promoted. The curriculum is designed to relate government principles to current happenings. This class or Political Science is required for graduation.

POLITICAL SCIENCE I and II (PLS 135/PLS 136) Dual Enrollment

Prerequisite: College History or GPA & 12th Grade

This class concentrates on the form of government as established in the United States of America. Practical experiences as well as research in political theory will be encountered. The class will fulfill the government requirement for graduation. The students must be able to write papers on issues of political science including: capitalism and democracy, the philosophy behind the U.S. Constitution, and liberty and justice under the law. This course receives a weighted grade and six college credits.

HISTORY OF WESTERN CIVILIZATIONS I and II (HIS 101/HIS 102) Dual Enrollment

Prerequisite: GPA

Studies thought, values, and arts of Western culture, integrating major developments in art, architecture, literature, music, and philosophy. Covers the following periods: Ancient and Classical, Early Christian and Byzantine, Medieval, Early Renaissance, Renaissance, Baroque, Enlightenment, Romantic, and Modern.

PHYSICAL EDUCATION DEPARTMENT

HEALTH AND PHYSICAL EDUCATION-GRADE 9

Required

Physical education includes various team and individual sports activities. Each student will also be expected to complete the Virginia Physical Fitness Test and several other types of conditioning activities. Students will complete a unit in Health.

HEALTH AND PHYSICAL EDUCATION-GRADE 10

Required

Prerequisite: Health & PE 9

Physical education includes various team and individual sports activities. Students will be expected to complete the Virginia Physical Fitness Test and several other conditioning activities. Within H&PE 10, Driver Education is a unit of instruction designed to prepare the student for the responsibilities of driving an automobile. The program is divided into two parts:

- Thirty-six periods of classroom instruction (required unit for all students in PE 10).
- Fourteen periods of behind-the-wheel training – an elective program for students fifteen years, six months old (effective July, 1, 2001). The in-car driver education instructor schedules the participants in this program after school hours, weekends, or during the summer.

ADVANCED PHYSICAL EDUCATION

Grades: 11-12

This course is designed to improve physical strength, cardiovascular conditioning, agility and flexibility through a structured program and requires a great deal of physical activity. Students must have passed H&PE 10 with a C or better and be able to participate in all activities. The course includes opportunities for participation in various team and individual sports activities. Students will be expected to complete Strength and Physical Fitness Tests and several other conditioning activities. This is an elective class that is recommended for 11th and 12th grade athletes who participate in sports.

WEIGHT TRAINING & CONDITIONING I or II

Grades: 11-12

This course is designed to improve physical strength, cardiovascular conditioning, agility and flexibility through a structured program. This course also includes opportunities for participation in various team and individual sports activities. Students will be expected to complete the Virginia Physical Fitness Test and several other conditioning activities. This is an elective class that is recommended for 11th and 12th grade athletes who participate in sports.

FOREIGN LANGUAGE DEPARTMENT

SPANISH I

Prerequisite: None

Level I will focus on developing a student's ability to read, write and speak in Spanish and their understanding of the culture(s) of Spanish-speaking countries. Students will be encouraged to use the Spanish language as much as possible.

SPANISH II

Prerequisite: Spanish I

Level II will continue to develop the students' proficiency in reading, writing, and speaking Spanish. They will begin to show a greater level of accuracy when using basic language structures and are exposed to more complex features of the Spanish language. Emphasis continues to be placed on the use of Spanish in, as well as outside the classroom.

SPANISH III

Prerequisite: Spanish II

In Spanish III, students continue to develop their proficiency in the three modes of communicative competence: interacting with other speakers of Spanish, understanding oral and written messages in Spanish, and making oral and written presentations in Spanish. They communicate using more complex structures in Spanish on a variety of topics, and grammar aspects. They comprehend the main ideas of what they read and hear and are able to identify significant details when the topics are familiar. Spanish is used more frequently in the class.

FINE ARTS DEPARTMENT

MUSIC

CONCERT/SYMPHONIC BAND

Grades: 9-12

Students in Concert/Symphonic band will learn and perform several styles of music from classical to pop. Concert/Symphonic band is open to students in grades 9 through 12. An audition is required for a first-time member. Playing skills are sharpened through participation in competitions, concerts, and workshops. Students will study tone production, fundamentals, and technical exercises. Areas of concentration are Brass, Woodwinds, and Percussion. Concert/Symphonic band students will be **required** to perform at various concerts throughout the term including Winter Holiday Concert, Spring Concert, and all V.B.O.D.A. Festivals. Performing at graduation is a requirement of the class. One credit will be earned for Concert/Symphonic Band.

MUSIC THEORY and BAND INTERNSHIP

Prerequisite: Concert/Symphonic Band Grades: 11-12

Music theory is an introduction and further development of the fundamentals of music including notation, scales, intervals, triads, and rhythm. The course will develop the students' abilities to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Students will also serve as interns for the middle school band classes.

THEATRE

THEATRE I

Prerequisite: None

It is in drama that students can thrill to the joys of artistic expressions through acting. Since the actor's medium is himself-his voice, body, mind, senses, and emotions-all training must be directed toward his personal improvement. All projects and activities involve class members as group or individual participants in pantomimes, improvisations, extemporaneous and prepared talks, discussions, problem-solving scenes, and play production. These projects require careful student preparation. Some after school participation is required. **Students are required to act in front of an audience.**

THEATRE II

Prerequisite: Theatre I with A or B average or One Act Play participant

Students enrolled in this course will continue to develop their dramatic skills: voice, body, mind, emotional recall, projection, and production. The class will select and perform a full-length play or musical and will learn new techniques of staging, costume, lighting, and make-up. Students will also perform or assist in dramatic and forensics competitions. Due to the nature of the class, after school participation is required.

THEATRE III (Advanced Acting)

Prerequisite: Theatre II with A or B average

Students must have written permission from Randolph-Henry's theatre director to take this class. Students will continue to develop acting skills, projection, and stage movement. Students will be expected to participate outside of the regular class time.

THEATRE IV (Directing)

Prerequisite: Theatre III with A or B average

Theatre IV gives students an opportunity to direct. Students will continue to improve the skills learned in previous theatre courses, but will also learn all aspects of directing, including stage management, actor motivation, set creation, scripting, and planning.

ART

ART I

Prerequisite: None

Art I is a foundation course including an introduction to the elements of art (line, space, texture, form, and color) and the principles of design. This is accomplished through basic drawing and painting, 2-D and 3-D exercises, and art appreciation instruction. Students become familiar with the basic use of most art materials.

ART II

Prerequisite: Art I

Art II is a continuation of the art foundations program begun in Art I with an introduction to advanced art problem solving and skill development as mastery of foundation objectives is accomplished. This includes the ability to utilize the elements of art and principles of design in complete works of art. Examples of areas that will be studied include drawing, painting, printmaking, sculpture, crafts, and art history and appreciation. Students develop skill in the use of a variety of art materials.

ART III

Prerequisite: Art I & II with at least a C average

Emphasis is placed upon aesthetic knowledge, visual problem solving, creative growth, and personal expression. In-depth experience in painting, architecture, sculpture, art history and careers, and advanced drawing will be provided. Students will explore new techniques in art media and continue to develop skills in areas previously introduced.

ART IV

Prerequisite: Art I, II & III with at least a C average

This class is designed to expand on the art principles learned in Art I-III. Students will work with more advanced drawing, painting and sculpting techniques with an emphasis on creating quality artwork. Students will develop their artistic skills through practice and application. Students will work with painting media (oil, watercolor, acrylic), drawing media (pencil, pastels, pen and ink), and 3-D media (ceramics and sculpture).

ART V

Prerequisite: Art I, II, III, & IV with at least a C average

Art V is the study of twentieth century American art history. This course will build on the foundations learned in Art I-IV. Emphasis will be placed on studio art, oil painting, and sculpting. Students will be required to plan and produce works of art.

CAREER & TECHNICAL EDUCATION DEPARTMENT

AGRICULTURAL EDUCATION

FOUNDATIONS OF AGRICULTURE (8006) Central Middle School

Prerequisite: None

This course is designed to develop competencies in each of the career pathways as they pertain to agricultural education, including the areas of Virginia's agriculture industry; the global scope of agriculture; scientific research concepts in plant, animal, and food science; principles of leadership and opportunities within student organizations; agribusiness and Supervised Agricultural Experience program opportunities; agricultural skills and safety in power, structural, and technical systems; and natural resources and environmental systems.

APPLIED AGRICULTURAL CONCEPTS (8073) Randolph-Henry

Prerequisite: None

Students gain positive experiences through fundamental agricultural competencies needed for rural or urban living. Areas of instruction include food production, handling, preparation; introduction to the livestock and poultry industry; soil, soil fertility, and cultural practices; mechanical applications; plant systems and disease/pest management for shrubs, lawns, pastures, gardens, and fruit trees. The course emphasizes leadership development and participation in FFA activities. Supervised agricultural experiences will allow for enhanced learning and growth opportunities for students. Electrical, plumbing, carpentry, and metalworking lab competencies are incorporated throughout the course.

AGRICULTURAL FABRICATION AND EMERGING TECHNOLOGIES (8019)

Prerequisite: Applied Agricultural Concepts

Students will receive instruction in metal fabrication, including cutting, welding, and cold metalworking processes, for agricultural applications. The course will also include the investigation of emerging technologies used within the field of agriculture. Leadership and career skills will be incorporated throughout.

AGRICULTURAL PRODUCTION TECHNOLOGY (8010)

Prerequisite: Foundations of Ag or Applied Agricultural Concepts

This course emphasizes one or more areas of plant science, animal science, soil science, agricultural business management, and agricultural mechanization, based upon the student's employment objective. Local school divisions should select one of the following livestock enterprises: beef cattle, dairy cattle, swine, horses, or sheep. The competencies for the selected livestock enterprise are considered essential for the course. Supervised occupational experience programs and leadership training are important parts of the

course. When only single periods are provided, greater emphasis is placed on individualized instruction and supervised occupational experience programs.

LIVESTOCK PRODUCTION MANAGEMENT (8012)

Prerequisite: Ag Production Tech

Course includes instruction in agricultural mechanics, with emphasis placed on the application of mechanical skills to farm power and machinery, soil and water management, supervised farming programs, and leadership training.

OPERATING THE FARM BUSINESS (8014)

Prerequisite: Livestock Production Management

Much of the content in this occupational preparation course may be provided through individualized instruction. Students focus on farming, farm management, and occupational experience as they receive instruction in adjusting, operating, and maintaining farm machinery and equipment and in planning and constructing farm buildings and facilities. Continued emphasis is placed on leadership training.

EQUINE MANAGEMENT AND PRODUCTION I

Prerequisite: Foundations of Ag or Applied Agricultural Concepts

The study of horse care and management includes instructional areas of equine health, nutrition, management, reproduction, training, evaluation and showmanship. Additional topics include the tools, equipment, and facilities needed for equine enterprises. Students may also study business management topics such as the economics of boarding, training, and merchandising horses. Activities to encourage leadership training and participation in FFA will be offered as part of the instructional program. Students will care for a horse during the semester, focusing on feeding, hoof care, facility care, and animal health.

EQUINE MANAGEMENT AND PRODUCTION II

Prerequisite: Equine Management and Production I

The course features a continuation of the reinforcement of the instructional basics learned in Equine Management and Production I. Emphasis on equine reproduction, gestation, and foal care. Leadership and equine business management abilities are further developed.

VETERINARY SCIENCE I

Prerequisite: Equine or Livestock Grade: 11-12

This course prepares students for postsecondary education and/or careers in veterinary medicine or related fields. Students develop their skills in anatomy, nutrition, medical terminology, sanitation, clinical exams, and handling animals. Live animal handling may occur. Course content also includes facility maintenance, and office functions, as well as safety practices. The National FFA Organization, Supervised Agricultural Experience (SAE), or related student organization activities are encouraged.

FLORAL DESIGN I

Prerequisite: Applied Agricultural Concepts

This course offers an expanded study of floral design, introduced in the Horticulture Sciences course. Course content covers career opportunities in the floral design industry, floral design foundations, design applications, and the marketing of floral design products and services. Students will learn about the cut flower industry, the history of floral design, identification of flowers and foliage, design shapes, mechanics of design, everlasting flowers, and use knowledge and skills to create custom design work for special occasions. Supervised Agricultural Experiences (SAEs) and FFA are required components of a total Agricultural Education program and provide students with opportunities for experiential and work-based learning.

HORTICULTURE SCIENCES

Prerequisite: Applied Agricultural Concepts

In this course, students develop the necessary knowledge, skills, habits, and attitudes for entry-level employment and advancement in areas such as floriculture, landscape design, greenhouse operation, nursery plant production, and turf management. They receive instruction in using soil and other plant-growing media and in identifying, propagating, and growing horticultural plants in the greenhouse and land laboratory. Instruction is provided in safety practices and leadership development.

GREENHOUSE PLANT PRODUCTION AND MANAGEMENT

Prerequisite: Horticulture Sciences Grades: 10-12

Students enrolled in this course learn the operating procedures for a greenhouse. Units of instruction include developing plant production facilities, science application in plant production, and identification of plants. Business management and marketing skills are emphasized to prepare students for careers in the greenhouse plant production and management industry. Leadership development is offered through participation in FFA.

TURFGRASS MANAGEMENT (8051)

Prerequisite: Applied Agricultural Concepts

Students begin to master the duties and tasks of professionals who establish and maintain turf in public areas such as golf courses; parks; athletic fields; school, industrial, and institutional campuses; and residential lawns.

ADVANCED TURFGRASS MANAGEMENT (8054)

Prerequisite: Turfgrass Management

Students continue to study the duties and tasks of professionals who establish and maintain turf in public areas such as golf courses; parks; athletic fields; school, industrial, and institutional campuses; and residential lawns.

BUSINESS & INFORMATION TECHNOLOGY

CYBERSECURITY

Grades: 9-12

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

CYBERSECURITY OPERATIONS

Prerequisite: Cybersecurity Fundamentals Grades: 11-12

Cybersecurity Software Operations is designed to teach many aspects of computer support and network administration. Students learn networking concepts, from usage to components, and create peer-to-peer network systems and client server networks. Students learn how to install and configure network cards and connect them to networks; to install the operating systems; to create, set up, and manage accounts; to load software; and to establish, implement, and maintain network integrity security plans. This course may cover software-based network operating systems, such as Windows Server or Linux, to prepare students with a foundation in computer network administration.

ACCOUNTING

Grades: 10-12

Accounting students study the basic principles, concepts, and practices of the accounting cycle for a service business and a merchandising business. Topics covered include analyzing transactions, journalizing and posting entries, preparing payroll records and financial statements, and managing cash control systems. Business ethics and professional conduct are emphasized. Students learn fundamental accounting procedures, using both manual and electronic systems.

ADVANCED ACCOUNTING

Prerequisite: Accounting and Grades 11 & 12

Advanced Accounting students gain knowledge of advanced accounting principles, procedures, and techniques used to solve business problems and make financial decisions. Students work in a technology-integrated environment, using accounting and spreadsheet software to analyze, synthesize, evaluate, and interpret business financial data related to inventory, fixed assets, notes/accounts payable and receivable, implementation of a partnership and a corporation, and other specialized accounting systems. Using authentic workplace scenarios that reflect current industry trends and standards, students analyze financial data and acquire knowledge of business ethics.

DESIGN, MULTIMEDIA, & WEB TECHNOLOGIES

Grades: 9-12

Students develop proficiency in creating desktop publications, multimedia presentations/projects, and Web sites using industry standard application software. Students incorporate principles of layout and design in completing publications and projects. Students design portfolios that may include business cards, newsletters, mini-pages, Web pages, multimedia presentations/projects, calendars, and graphics. Completion of this course may prepare students for industry certifications.

BUSINESS MANAGEMENT

Grades: 9-12

Students study basic management concepts and leadership styles as they explore business ownership, planning, operations, marketing, finance, economics, communications, the global marketplace, and human relations. Quality concepts, project management, problem solving, and ethical decision making are an integral part of the course.

BUSINESS LAW

Grades: 9-12

Students examine the foundations of the American legal system and learn the rights and responsibilities of citizens. Students gain practical knowledge and life skills by exploring economic and social concepts related to laws governing business and individuals. Focus areas include contracts, consumer protection, criminal law, tort law, international law, family/domestic law, employment law, and careers in the legal profession.

INFORMATION TECHNOLOGY (IT) FUNDAMENTALS

Grades 9-12

Information Technology (IT) Fundamentals introduces the essential technical and professional skills required for students to pursue programs leading to professional careers and IT certifications (IC3). The focus of the IT Fundamentals course is the introduction of skills related to information technology basics, Internet fundamentals, network systems, computer maintenance/upgrading/troubleshooting, computer applications, programming, graphics, Web page design, and interactive media.

INTRODUCTION TO DIGITAL & INFORMATION LITERACY & COMPUTER APPLICATIONS(ITE 152) Dual Enrollment

Prerequisite: GPA

Develops understanding of digital and information literacy. Introduces basic computer concepts in hardware, software, cyber, cloud, database, and operating systems. Includes hands-on experience developing word processing, spreadsheet and presentation documents. Evaluates the reliability of sources. Covers creating a simple web page. Examines topics such as social, legal, and ethical issues.

PROGRAMMING

Prerequisite: IT Fundamentals Grades: 10-12

Students in the programming course explore programming concepts, use algorithmic procedures, implement programming procedures with one or more standard languages, and master programming fundamentals. Coding is used throughout the course. Graphical user interfaces may be used as students design and develop interactive multimedia applications, including game programs. In addition, students employ HTML or JavaScript to create Web pages. Students develop their employability skills through a variety of activities.

ADVANCED PROGRAMMING

Prerequisite: Programming Grades: 10-12

Students use object-oriented programming to develop database applications, interactive multimedia applications including game applications, mobile applications, and Web applications. Students continue to develop their employability skills as they research pathways for continuing education and careers in the information technology industry and engage in various career-building activities.

ECONOMICS & PERSONAL FINANCE

(Required for graduation with a Standard or Advanced Diploma)

Students learn how to navigate the financial decisions they must face and to make informed decisions related to career exploration, budgeting, banking, credit, insurance, spending, taxes, saving, investing, buying/leasing a vehicle, living independently, and inheritance. Development of financial literacy skills and an understanding of economic principles will provide the basis for responsible citizenship and career success. In addition to developing personal finance skills, students will also study basic occupational skills and concepts in preparation for entry-level employment in the field of finance. The course incorporates all economics and financial literacy objectives included in the *Code of Virginia* §22.1-200-03B. Students will also be eligible to take the WISE Financial Literacy certification test.

ENTREPRENEURSHIP

Prerequisite: Accounting, Business Mgmt, or Relevant Business Course Grades: 10-12

Students use object-oriented programming to develop database applications, interactive multimedia applications including game applications, mobile applications, and Web applications. Students continue to develop their employability skills as they research pathways for continuing education and careers in the information technology industry and engage in various career-building activities.

CAREER CONNECTIONS

JOBS FOR VIRGINIA GRADUATES (JVG)

Grades: 12

Jobs for Virginia Graduates (JVG) is a course that is designed to help students plan for what's next after graduation, as well as finish high school successfully. Students will be taught employability skills from the 21st Century Workplace Readiness Skills for the Commonwealth. These skills have been identified as critical needs by Virginia employers and include as Person Qualities & Abilities, Interpersonal Skills, and Professional Competencies. Students will learn skills such as verbal and written communication, time-management, leadership, teamwork, career development, creating and using a resume, interviewing techniques, getting and keeping a job. JVG students will explore potential career pathways, do extensive career interest assessment activities and in-depth research on colleges, companies, and occupations. JVG students will also work closely with our School Counselors and College Advisors to promote and assist with the completion of FAFSA, college applications, scholarships, and to develop a plan for post-secondary education that may include the workforce, college, or military. JVG encourages students to focus on student's personal motivation, accountability of choices, appropriate decision-making skills and ownership of ones' future.

VIRGINIA TEACHERS FOR TOMORROW

Grades: 11-12

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 classroom and field experience.

VIRGINIA TEACHERS FOR TOMORROW II

Grades: 11–12

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 certifications in Virginia, and participate in a practicum experience.

FAMILY & CONSUMER SCIENCES

INTRODUCTION TO CULINARY ARTS

Grades: 9-12

Introduction to Culinary Arts students investigate food safety and sanitation, culinary preparation foundations, basic culinary skills, diverse cuisines, service styles, nutrition and menu development, and the economics of food. Students also explore postsecondary education options and career opportunities within the food service industry.

CULINARY ARTS I Part A & I Part B (Yearlong)

Prerequisite: Intro to Culinary Arts & Grades: 10-12

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, of purchasing and receiving, and of fundamental nutrition. The curriculum incorporates math and science in culinary applications

INTRODUCTION TO INTERIOR DESIGN

Grades: 9-12

Students explore the influences on the design of interior spaces, investigate careers in the interior design industry, and focus on the technical and soft skills necessary for employment in the field of interior design.

HEALTH & MEDICAL SCIENCES

INTRODUCTION TO HEALTH & MEDICAL SCIENCE

Grades: 10 –12

Introduction to Health Occupations is a one-credit course that focuses on exploring health occupations. This course introduces the student to all health careers and helps the student develop basic skills needed for employment in nursing homes, clinics, medical offices, hospitals, homes, and certain public health settings. Students should have interest in a health career.

HEALTH ASSISTING CAREERS

Prerequisite: Intro to Health

Students explore opportunities in the healthcare field by developing basic skills (including learning to take vital signs, transferring patients safely, etc.) common to several assisting careers (physical therapy, athletic training, sports medicine, pharmacy, radiology, nursing, etc.). They study body structure and function, principles of health, microbes, and disease, and an overview of the health and patient care system. Supervised work-based learning may begin as part of the course in health care settings.

TRADE AND INDUSTRIAL EDUCATION

COMPUTER SYSTEMS TECHNOLOGY I

Prerequisite: A or B in IT Fundamentals (Intro to Computers)

Students enter the world of computer technology and gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. In addition, students explore the relationships between internal and external computer components. Upon successful completion of the course, students may qualify to take the A+ certification exam.

COMPUTER SYSTEMS TECHNOLOGY II & III

Prerequisite: Computer Systems Technology I

Building on the foundation of Computer Systems Technology I, this advanced course provides students with training in procedures for optimizing and troubleshooting concepts for computer systems and subsystems. Students explore wireless technologies and create and configure a network. The course prepares students for postsecondary education and training and a successful career in information technology. Upon successful completion of the course, students may qualify to take the A+ certification exam.

COMMERCIAL PHOTOGRAPHY I

**Suggested Grade Levels: 9–11
Pre-requisite: None**

Students will explore industry-relevant technical skills and have the opportunity to work with a variety of technology, including digital cameras, design software, and editing tools to stage, shoot, process, print, and present professional-grade images. In addition, students will evaluate and critique photographic work and investigate the history of photography.

COMMERCIAL PHOTOGRAPHY II Part A

Suggested Grade Levels: 10–12

Pre-requisite: Successful completion of Commercial Photography I with an A or B

Students will explore industry-relevant technical skills and have the opportunity to work with a variety of technology, including digital cameras, lighting, design software, and editing tools to stage, shoot, process, print, and present professional-grade images while developing a portfolio for a related career. **Students in this course will be a part of the photography staff for the Randolph-Henry Yearbook Staff.**

COMMERCIAL PHOTOGRAPHY II Part B

Suggested Grade Levels: 10–12

Pre-requisite: Successful completion of Commercial Photography II Part A

Students will explore industry-relevant technical skills and have the opportunity to work with a variety of technology, including digital cameras, lighting, design software, and editing tools to stage, shoot, process, print, and present professional-grade images while developing a portfolio for a related career. **Students in this course will be a part of the photography staff for the Randolph-Henry Yearbook Staff.**

ADVERTISING DESIGN I

Suggested Grade Levels: 9–11

Pre-requisite: None

Students explore the skills and principles involved in the development and function of advertising and the production process. In their course of study, students apply aesthetic theories and technical skills to graphic design objectives. Elements covered include principles of design and illustration, typography, photography, computer graphics, and pre-press theory. **Students in Advertising Design II A & B (yearlong) will create the Randolph-Henry High School Yearbook.**

ADVERTISING DESIGN II Part A

Suggested Grade Levels: 10–12

Pre-requisites: Successful completion of Advertising Design I with an A or B

Students explore the skills and principles involved in the development and function of advertising and the production process. In their course of study, students apply aesthetic theories and technical skills to graphic design objectives. Elements covered include principles of design and illustration, typography, photography, computer graphics, and pre-press theory. **Students in Advertising Design II will create the Randolph-Henry Yearbook.**

ADVERTISING DESIGN II Part B

Suggested Grade Levels: 10–12

Pre-requisites: Successful completion of Advertising Design II Part A

Students explore the skills and principles involved in the development and function of advertising and the production process. In their course of study, students apply aesthetic theories and technical skills to graphic design objectives. Elements covered include principles of design and illustration, typography, photography, computer graphics, and pre-press theory. **Students in Advertising Design II will create the Randolph-Henry Yearbook.**

YEARBOOK EDITOR INTERNSHIP

Grade Level: 12

Pre-requisites: Successful completion of Advertising Design II with an A or B

This course is for students who wish to obtain a second year editorial position on the yearbook staff. Editors are responsible for working with the entire staff and for creating a plan to produce a quality yearbook on deadline. They are personally responsible for the cover, end sheets and all theme pages as well as for working with all sections to make sure jobs are getting done and that they are providing leadership to those working for them. Editors are also responsible for reading all copy and captions before they are placed on spreads, editing all spreads before they are sent to the printer, reading and correcting all proofs and getting them returned to the printer on deadline. The editors are responsible for keeping the adviser informed and for asking for help to get the yearbook done well.

MISCELLANEOUS

MULTICULTURAL FILMS AND CULTURE

Grades: 11 –12

Students taking this course will be exposed to different cultures of the world through films, customs, and food. Various small-group cultural projects will be incorporated and presented during class utilizing the computer lab and student creativity. Students will be graded on class participation and project completion. Some films to be viewed may include the following: *Australia, Quigley Down Under, Crocodile Dundee, The Ghost and the Darkness, Amistad, Lonesome Dove, Bourne Identity, Valkyrie, The Medicine Man, Operation Dumbo Drop, Memoirs of a Geisha, Not Without My Daughter, Blood Diamonds, Taken, Anacondas, Pompeii, The Tourist, I am Number Four, Dark Shadows, King Kong, The Hunger Games, Jaws, World War Z, Frankenstein, The Book Thief, Anna Karenina, The Great Gatsby, The Maze Runner.*

AFRICAN AMERICAN HISTORY (Virtual Virginia)

Grades: 9-12

In this course, students will examine the role African Americans have played in American history. The activities and assignments in the course promote cultural awareness and critical thinking through the lenses of power, politics, economics, and geography. The course traces the trials, tribulations, and triumphs of race relations in the United States. Students will identify and understand the African origins and developments of the Black experience in North America; evaluate how African Americans have shaped, have contributed, and have been shaped by the institutions, policies, and laws established by federal, state, and local governments; evaluate and interpret the various paths of civic responsibility that led to quests for equality, justice, and freedom for individuals and communities facing barriers and oppression based on race, class, and gender; and analyze and understand how the institution of slavery in the United States shaped beliefs about race and the supremacy of one race over another and influenced America's economy and politics.

PRINCIPLES OF PSYCHOLOGY (PSY 200) 1 semester Dual Enrollment

Prerequisite: GPA

Surveys the basic concept of psychology. Covers the scientific study of behavior, behavioral research methods and analysis, and theoretical interpretations. Includes topics such as: physiological mechanisms, sensation/perception, motivation, learning, personality, psychopathology, therapy, and social psychology.

DEVELOPMENTAL PSYCHOLOGY (PSY 230) 1 semester Dual Enrollment

Prerequisite: GPA

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. **Principles of Psychology** and **Developmental Psychology** are a combined course. Students receive a total of 6 college credits.

SURVEY OF HUMANITIES I (HUM 100) 1 semester Dual Enrollment

Prerequisite: GPA

(Or other humanities elective) Introduces the humanities through the art, literature, music, and philosophy of various cultures and historical periods.

RELIGIONS OF THE WORLD (REL 230) 1 semester Dual Enrollment

Prerequisite: GPA

(Or other humanities elective) Introduces the religions of the world with attention to origin, history, and doctrine.

STUDENT INTERNSHIP

Grade: 12

The Student Internship Program has been designed to offer students an opportunity to explore careers through a hands-on internship experience. Students will be assigned an internship with a local employer that will allow the student to engage in day-to-day tasks and responsibilities of that particular profession. Students will complete the internship with a unique understanding of the position, networking skills, a resume, and job experience. Students must be in good standing and have available space in their schedule to be eligible for the internship. Students will have to provide their own transportation to and from the job site.