

# **Southampton High School**



## **Student Registration Guide 2019-2020**

## Standard and Verified Credits

The new graduation requirements are effective with students entering the ninth grade in the fall of 2018 (class of 2022). The number of standard credits for a Standard Diploma and Advanced Studies Diploma remain the same but the number of required verified credits — earned by passing a course in the content area and the associated end-of-course assessment — **is reduced to five (one each in English reading, English writing, mathematics, science and history/social science)** for both diplomas.

### Standard Diploma: First-time ninth graders 2018-2019 and beyond

Subject Area	Standard Credits	Verified Credits
English	4	2
Mathematics	3	1
Laboratory Science	3	1
History and Social Sciences	3	1
Health and P.E.	2	0
World Language, Fine Arts or C.T.E.	2	0
Economics & Personal Finance	1	0
Electives	4	0
Student Selected Test	0	0
<b>Total Credits</b>	<b>22</b>	<b>5</b>

### Advanced Studies Diploma: First-time ninth graders 2018-2019 and beyond

Subject Area	Standard Credits	Verified Credits
English	4	2
Mathematics	4	1
Laboratory Science	4	1
History and Social Sciences	4	1
Health and P.E.	2	0
World Language	3	0
Fine Arts or C.T.E.	1	0
Economics & Personal Finance	1	0
Electives	3	0
<b>Total Credits</b>	<b>26</b>	<b>5</b>

In English writing, a student may verify course mastery through a locally developed performance-based assessment. Performance assessments require students to apply what they have learned and provide an opportunity for students to demonstrate that they have acquired critical thinking, creative thinking, communication, collaboration and citizenship skills.

## Minimum Credit Requirements

Discipline Area	Standard Diploma	Advanced Studies Diploma	Standard Diploma With Accommodations	***Applied Studies
English	4 units	4 units	4 units	4 units
Mathematics	3 units (Algebra I & above)	4 units (Algebra I & above)	3 units (Algebra I & above, **Personal Finance and Statistics)	3 units (Applications of Algebra, Geometry, **Personal Finance and Statistics)
Laboratory Science	3 units	4 units	3 units	2 units
History/Social Studies	3 units (US History, Government plus 1 in World History or World Geography)	4 units (US History, Government plus 2 in World History or World Geography)	3 units (US History, Government plus 1 in World History or World Geography)	2 units (Va. & US History, Va. & US Gov't)
Foreign Language (3 of 1 or 2 each of 2)		3 units		
Fine Arts and/or CTE		1 units		1 units
Foreign Language, Fine Arts and/or CTE	2 units		2 units	
Health/Physical Education	2 units	2 units	2 units	2 units
Economics & Personal Finance	1 unit	1 unit	1 unit	
Electives	4 units (at least 2 sequential)	3 units	4 units (at least 2 sequential)	6 units
<b>Totals</b>	<b>22</b>	<b>26</b>	<b>22</b>	<b>20</b>
Verified Credits Entering 9 <sup>th</sup> Grade Prior to 2018-19	6 (2 English, 1 Math, 1 Science, 1 Social Studies, 1 other)	9 (2 English, 2 Math, 2 Sciences, 2 Social Studies, 1 other)	6 (2 English, 1 Math, 1 Science, 1 Social Studies, 1 other with accommodations as specified by IEP)	Testing as specified by IEP
Verified Credits Entering 9 <sup>th</sup> Grade and Beyond	5 (2 English, 1 Math, 1 Science, 1 Social Studies)	5 (2 English, 1 Math, 1 Science, 1 Social Studies)	5 (2 English, 1 Math, 1 Science, 1 Social Studies)	

These standards are effective beginning with first-time ninth graders in 2011-2012.

\*\*All students are required to complete CPR training prior to graduation.

\*\*\*An IEP can override these requirements.

# DIPLOMA TYPES FOR GRADUATION

Students at Southampton High School will be enrolled in a program of studies which will lead to graduation. A diploma will be awarded to all students who successfully complete the requirements of the State Board of Education as indicated in the Credit Requirements chart and meet all state mandated Standards of Learning requirements specified. A certificate may be earned by completing a program approved by the Southampton County School Board.

Students who graduate with a 3.0 or better GPA and who successfully complete at least one advanced placement (AP) or a college level course will receive a Governor's Seal on the diploma. Furthermore, those who graduate with a 3.0 or better GPA will receive a Board of Education Seal on the diploma. The following diploma types are available:

**Standard Diploma:** To graduate with a Standard Diploma, a student must earn at least twenty two (22) standard units of credit by passing required courses and electives, and earn at least six verified credits by passing end-of-course SOL tests or other assessments approved by the Board of Education. For the Standard Diploma the student must successfully complete two sequential electives, complete a career or industry credential and complete a virtual course. The CTE credential could include, but not be limited to, the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness skills assessment.

**Advanced Studies Diploma:** To graduate with an Advanced Studies Diploma a student must earn at least twenty-six (26) standard units of credit and at least nine verified units of credit. The school counselor can advise on available courses to fulfill the requirements for an Advanced Studies Diploma. The Advanced Studies Diploma contains a requirement for three years of one foreign language or two years of two languages. The student must successfully complete two sequential electives, complete a career or industry credential and complete a virtual course. The CTE credential could include, but not be limited to, the successful completion of an industry certification, a state licensure examination, a national occupational competency assessment, or the Virginia workplace readiness skills assessment.

## Additional Diploma Types for IEP Students

Students enrolled in a program of studies designed to meet IEP needs may work toward an Advanced Diploma, Standard Diploma, Standard Diploma with Accommodations or an Applied Studies Diploma. Any student receiving special services must have written approval of his or her parent or guardian indicating full knowledge that such diploma will be awarded upon successful completion of the program. [More information can be obtained by speaking with your child's case manager or by visiting the Virginia Department of Education Website.](#)

**Standard Diploma Credit Accommodations:** The Virginia Board of Education has approved **Guidelines for Standard Diploma Credit Accommodations for Students with Disabilities** to provide alternatives for students in meeting the requirements for a Standard Diploma. 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

**Applied Studies Diploma:** The Applied Studies Diploma is available to students with disabilities who complete the requirements of their IEP and who do not meet the requirements for other diplomas. Any student receiving an Applied Studies Diploma must successfully complete twenty (20) units of credit. The Applied

Studies Diploma is not a replacement for state assessments such as end of course SOL's or the Virginia Alternate Assessment Program.

**Certificate of Completion:** The Certificate of Completion is available to students who complete prescribed programs of studies defined by the local school board but who do not qualify for diplomas.

## **STANDARDS OF LEARNING (SOL) & TESTING PARTICIPATION & INCLUSION**

All students in tested grade levels and courses are expected to participate in Virginia's assessment program, unless specifically exempted by state or federal law or by Board of Education regulations. Virginia's assessment system includes students with disabilities and limited English proficient (LEP) students. Students with disabilities and LEP students may take Standards of Learning tests with or without accommodations or they may be assessed through alternate or alternate assessments (VSEP, VMAST, VAAP). The tests that comprise the Virginia Assessment Program are offered in English only; administration of the tests in other languages is not permitted.

### **GUIDELINES FOR ASSESSMENT PARTICIPATION**

Students with disabilities in the Commonwealth of Virginia include identified students under the *Individuals with Disabilities Education Improvement Act of 2004* (IDEA) and under Section 504 of the *Rehabilitation Act of 1973*, as amended. IDEA and its implementing state and federal regulations require that all students with disabilities participate in the state's accountability system. More specifically, students with disabilities are expected to participate in all content area assessments that are available to students without disabilities.

#### **Description of Assessment Programs**

##### **A. Standards of Learning (SOL) Assessment Program**

The SOL in the content areas of English, mathematics, science, and history/social science are intended to set reasonable targets and expectations for what teachers are expected to teach and students are expected to learn. The results of SOL assessments for these content areas inform parents and teachers about what students are learning in relation to the SOL and hold schools accountable for teaching the SOL content. Students with disabilities may participate in SOL assessments with or without accommodations.

##### **B. Virginia Modified Achievement Standards Test (VMAST)**

The VMAST is an alternate assessment based on modified achievement standards in which research-based supports and simplifications are applied to existing online test items to make them more accessible to eligible students with disabilities. VMAST availability is limited to *Algebra I* and End-of-Course (EOC) *Reading* for students with disabilities who are eligible to use credit accommodations for the Standard Diploma.

##### **C. Virginia Alternate Assessment Program (VAAP)**

The VAAP is available to students high school who are working on academic standards as specified by their IEP's. These academic standards are called Aligned Standards of Learning (ASOL) and are available in reading, writing, mathematics, science and history/social science. Only students who meet the VAAP guidelines for participation may be assessed through the VAAP. Students with disabilities served by 504 Plans are not eligible for VAAP. Students will compile a collection of work samples, or COE to demonstrate achievement on the ASOL. Students who participate in the VAAP participate in all content areas.

## **Determination of How Students with Disabilities Participate in Virginia’s Accountability System**

For all students with disabilities identified under IDEA, the IEP Team determines how the student will participate in the accountability system. For students identified under Section 504, the 504 Committee determines how the student will participate.

### **PROMOTION REQUIREMENTS**

In addition to the number of credits required for graduation, grade level advancement would be based on number of years in high school, credits earned, and SOL verified credits as follows:

Promotion to tenth grade:

- Student has been in high school one year AND
- the student has earned 6 or more credits.

Promotion to eleventh grade:

- Student has been in high school two years AND
- the student has earned 12 or more credits AND
- two or more verified credits if working on a Standard or Advance Diploma.

Promotion to twelfth grade:

- Student has been in high school three years AND
- the student has earned 18 or more credits AND
- three or more verified credits if working on a Standard or Advance Diploma.

### **DIPLOMA SEAL OPTIONS**

Students may earn diploma seals by successfully completing prescribed requirements as defined by the Virginia Department of Education. The following guidelines are in effect for all students entering as first time ninth graders in 2006-2007 and beyond. Any questions may be directed to the Guidance Department.

#### **Board of Education Seal**

The Board of Education Seal is 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.

#### **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 students at least nine transferable college credits in Advanced Placement (AP), International Baccalaureate (IB), Cambridge, or dual enrollment courses.

#### **Board of Education’s Career & Technical Education Seal**

Awarded to students who:

- Earn a Standard or Advanced 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 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 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 fifty (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 a good attendance and minimal disciplinary infractions as determined by local school board policies.

## **Virginia Standards of Learning**

In addition to other graduation requirements the State of Virginia requires that students must earn a minimum of six verified units of credit to be eligible for graduation. Those six verified credits for Standard Diploma must include two tests in English, one test each in Mathematics, History/Social Studies, and Science, and one test of their own choosing. Students working toward an Advanced Diploma must earn a minimum of nine verified units of credit, including two tests each in English, Mathematics, History/Social Studies, and Science, and one test of their choosing. In order to earn a verified credit a student must pass both the SOL course and the SOL test in at least six of the eleven SOL areas. If a student passes the class, but fails the SOL test, credit for the class will be awarded; but it will not be a verified credit until the SOL test is passed. SOL tests are given in the following core subjects: Earth Science, Biology, Chemistry, World Geography, World History I, World History II, U.S. History, Algebra I, Geometry, Algebra II, English 11 Reading and English 11 Writing.

A passing score is achieved when a student scores 400 or above. The State grants students who score between 375 and 399 a one-time opportunity for an *expedited test* on a specified date. Students who miss the expedited test for any reason must attend remediation classes in order to retake the SOL test at a later date.

At the end of the senior year, students who have not met their SOL requirements may submit a request in writing to the Division Superintendent for a locally verified credit in a social studies or science specified area if the following criteria have been met:

- The failing score is between 375 and 399 AND
- The student has met ALL previous remediation and testing requirements.

Seniors who have earned all credits necessary for graduation but have not successfully earned six or more verified units of credit are not eligible for June graduation. These students may earn a Certificate of Completion in Summer School and will have up to two years to continue to retest to earn the necessary verified credits for a high school diploma. Promotion to the next highest grade includes successful achievement of Standards of Learning verified credits, as well as the academic units required by the state and local school board. if working toward a standard or advanced diploma.

- In order to be promoted to the eleventh grade a student must have at least two (2) verified Standards of Learning credits **if working on a Standard or Advanced Diploma.**
- In order to be promoted to the twelfth grade a student must have at least three (3) verified Standards of Learning credits **if working on a Standard or Advanced Diploma.**

## REMEDIATION

In order to give SHS students the greatest potential for success on Virginia required Standards of Learning tests, SHS offers remediation to students in need.

Guidelines:

For students who make a D or F on their interim in a SOL subject:

- Tutorial sessions will be offered to provide assistance to help students pass the class and the end of course SOL test.

For students who have failed a SOL test:

- Remediation classes will be required on a prescriptive basis for any student who passed a SOL class but failed the SOL test in that subject during the current or any previous school year.
- Students who failed both the class and the SOL test will receive remediation when the class is repeated for credit.
- Students who transfer to SHS after previously receiving credit for a course taken at another school must attend remediation classes prior to taking that end of course SOL test for the first time.

## EDMENTUM

Edmentum, an online approved Virginia program, will be utilized to provide students with the opportunity to recover credits in the Credit Recovery program as well as offer additional online CTE courses for students in need of additional electives. This program can also be used as a remediation resource and may also be used for independent study opportunities with permission from the school principal.

## CREDIT RECOVERY

In order to give students the opportunity to repeat a failed class during the school year, SHS offers Credit Recovery classes. Students who have fallen behind their cohort and have failed a core subject may take up to two repeat classes per semester utilizing the Edmentum on-line learning program offered through Academic Success. New classes are NOT available through the Credit Recovery Program.

## CREDIT RETRIEVAL

For students who have achieved a passing grade in a course but did not receive credit due to excessive days, SHS offers Credit Retrieval classes during the summer. Any student who did not exceed 14 days in a semester class or 7 in a quarter class will have the opportunity to attend classes to regain lost credits.

## SUMMER SCHOOL

Students who attend summer school will have their schedule amended as soon as grades are received in the guidance office. Students attending Southampton High School summer school will have the opportunity to work with the guidance persons during the summer months on schedule adjustments.

Students taking subjects as repeat or new work to satisfy the minimum number of units required for matriculation may be eligible for **summer graduation** upon successful completion of those courses.

## REGISTRATION PROCEDURE

Students currently enrolled in Southampton County Schools shall complete registration for classes for the coming year on the following schedule:

- The date for registration forms to be returned to the Guidance Department will be published for students. Parent or Guardian signatures must be affixed.
- In every instance, students are urged to consult with their parents, guidance counselors, and teachers prior to selecting courses.
- Students not previously enrolled in Southampton County schools are urged to register at the earliest date possible.
- Students who fail to turn in a registration form will be assigned a schedule of classes on the basis of subjects required for graduation.

Students and parents may meet with guidance counselors during the summer to **discuss & finalize registration**. Once the new school year begins, schedule adjustments will not be made unless a student fails a class needed to progress in a subject area or is in the wrong academic level of a course, or fails to meet remediation requirements two or more times. Students enrolled in year long classes are not eligible for schedule changes at the change of semesters.

Students are allowed to take only one required English class each year unless they are members of the cohort scheduled to graduate in the current school year or are granted an **exception by the Principal**.

## FULL AND PART-TIME STUDENTS

All students in the secondary schools shall be enrolled in at least eight (8) units or equivalent to be considered a full-time student. Enrollment of a student in less than a full time class schedule will require the approval of the principal and division superintendent. Currently the only acceptable reasons for considering any request for early graduation or part-time status are:

- Impaired health on the part of the student.
- The student is the source of support for the family.
- Tuition per class is paid as a result of student being above the age approved by the state.

## SENIOR SUCCESS RELEASE PROGRAM

**Guidelines for this program are under revision to meet the CTE Work-based learning requirements. This information will be publicized once approval is granted. Seniors will be notified of the application requirements as soon as they are available.**

## GRADE POINT AVERAGE (GPA) & RANKING

Grade point averages for students will be provided by the computer using the final course grades. This will be done in August of each year. Senior grade point averages will be computed at the end of the first term for the purpose of notifying colleges and computing class ranking.

The GPA of **transfer** students will be converted using the values given to equivalent courses at Southampton High school.

### Senior Ranking

For the purpose of representing the senior class, the designation of honor graduates and graduation honors is made upon the weighted GPA of all grades through the end of the third quarter of the school year. If a transferring student (enrolled for fewer than four (4) semesters at Southampton High School) ranks as #1 or #2 in class, a third honors award will be given. The top two students who have matriculated through Southampton High School for four or more semesters will be recognized as Valedictorian and Salutatorian and the transfer student will be cited with an award for outstanding academic achievement.

## GRADE WEIGHTING

Certain course offerings or levels within a particular course will be assigned special value for computing the cumulative GPA. All courses not listed here will have a weight factor of 1.0. Course weights will be evaluated periodically. The values of our weighted courses will be used to convert the GPA's of **transfer** students.

The following courses have been designed as:

### **Advanced Placement/Dual Credit with a weight of 1.50:**

English 12DC

English 12AP

English 11AP

Pre-Calculus I DC

Pre-Calculus II DC

Calculus I AP/DC

Calculus II AP/DC

Chemistry AP

Biology DC

Anatomy & Physiology DC

Virginia & US History DC

Virginia & US Government AP/DC

Statistics AP

Early Childhood Education I DC

Early Childhood Education II DC

Plate Welding

Electricity I

Electricity II

### **Honors with a weight of 1.20:**

English 9H, 10H, 11H

Geometry H

Algebra H

Chemistry

Physics

Biology H

**Academic/Advanced Level with a weight of 1.10:**

English 9A, 10A, 11A, 12A  
French V  
Spanish V  
Geometry  
Computer Math Advanced  
Earth Science A  
World History A  
US Government A  
Masonry III  
Landscaping  
Art IV, V

French IV  
Spanish IV  
Algebra I  
Algebra II  
Trigonometry/Advanced Algebra  
Biology A  
US History A  
Culinary Arts II  
Cosmetology III  
Fisheries & Wildlife Management

**General Courses with a weight of 1.00:**

English 9, 10, 11, 12  
Public Speaking  
Algebra Pt A , Algebra Pt B  
Algebra Functions/Data Analysis  
Geometry Pt A, Geometry Pt B  
Computer Math  
Gen Earth Science  
Biology, Biology II  
Oceanography  
Environmental Science  
Ecology  
World History I, World History II  
US History  
US Government  
Sociology  
World Affairs  
Physical Education I, II  
Modern Health  
Advanced Fitness/Weight Training  
Adaptives  
Driver's Education  
Natural Resources/Ecology  
Horticulture II  
Agricultural Science  
Spanish I, II, III  
French I, II, III

Journalism  
Graphic Design  
Photography  
Photo Journalism  
Keyboarding  
Desktop Multimedia  
Keyboarding Applications  
Child Development  
Nutrition & Wellness  
Independent Living  
CyberSecurity  
Cosmetology I, II  
Basic Catering  
Culinary I, II  
Appreciation of the Arts  
Music Appreciation  
Concert Band  
Beginning Band  
Band YR  
Chorus, Chorus YR  
Recording & Production  
Masonry I, II  
Basic Drawing  
Introduction to Technology  
Engineering Drawing  
Industrial Technology  
Architectural Drawing

## **Governor’s School for the Arts**

4th year	1.30
3rd year	1.20
2nd year	1.10
1st year	1.05

### **ACHIEVEMENT PLACEMENT**

Students are assigned to specific levels in certain subjects on the basis of achievement and teacher recommendation. Also, at the end of the first interim grading period, recommendation by teachers of misplaced students will be considered. Academic issues after the first interim report may be reviewed by the Academic Review Committee.

All students will be expected to register and be enrolled at all times in classes sufficient to yield eight units of credit.

Students are reminded that certain classes carry more than one unit of credit and must consider that when registering for classes. Any student enrolled in a career and technical course who fails to complete the required competencies will not be awarded a unit of credit for the course and must repeat the entire course for credit.

When eighth grade students successfully complete the subjects identified as 9th, 10th, 11th, or 12th grade courses, credit will be awarded. If, during the eighth grade year, a student makes a passing grade of “D” in a subject identified as a high school subject, the student may opt to repeat the course with the written consent of his/her parents and the school principal. High school courses available to eighth graders include, but are not limited to: Algebra I, Art I, French I, and Spanish I. Credit towards graduation as a fine arts unit will not be granted for band unless earned in grades 9-12.

### **ELECTRONIC/VIRTUAL VIRGINIA CLASSROOM**

Students enrolled at Southampton High School may register for courses available through the Electronic Classroom. They may utilize Virtual Virginia to register for AP and other advanced courses not offered on our campus. The Guidance Department has more information for those interested in these advanced classes. A fee will be charged for taking the AP tests if students have not completed the Governor’s Early College Scholar Agreement.

Students participating in the Electronic Classroom Program:

- should be motivated and able to work independently.
- are recommended to have a grade average of 3.0.
- should have achieved success in other academic courses - A’s and B’s in Honors are excellent guidelines for selection.

### **GOVERNOR’S SCHOOL FOR THE ARTS**

Any student who is rising 9th, 10th 11th, or 12th grade and who would like to specialize in any area of the fine arts (either voice, instrumental music, dance, performing arts, or the visual arts) may apply to this school in the fall of the year prior to the year of attendance. Southampton High School will take the students who applied to their audition in January. Preparation of music, dialogues, or any art portfolio is expected and must be presented and accepted by the Governor’s School acceptance committee prior to the year of entry.

## **GOVERNOR'S SUMMER SCHOOL FOR THE GIFTED**

The Governor's Summer School for Gifted is designed to provide, within a community of mutual support, respect, and dedication, intellectually challenging and enriching experiences for a limited number of selected rising 11th and 12th grade high school students who are academically gifted. Each college based Governor's school provides an academically focused curriculum that integrates subject matter from a variety of disciplines around a series of generalizations, issues, and/or problems relevant to the overall theme selected by the school. Mentorships are also conducted in association with NASA, VIMS, and MCV.

## **APPOMATTOX SCHOOL OF ARTS AND TECHNOLOGY**

Students applying to the Appomattox School of Arts and Technology for full time enrollment are encouraged to complete the application process prior to entry into Southampton High School. Students may apply for enrollment in the Appomattox School during their time at Southampton High

## **GOVERNOR'S SUMMER SCHOOL FOR THE GIFTED VISUAL AND PERFORMING ARTS**

The Governor's School for the Visual and Performing Arts is designated to provide, within a community of mutual support, respect, and dedication, artistically challenging and enriching experiences for a limited number of selected students who are gifted in the visual and performing arts.

## **SUMMER OPPORTUNITIES FOR FOREIGN LANGUAGE STUDENTS**

Each year Southampton High School students have the opportunity of applying to the Governor's Foreign Language Immersion Academy which takes place during the summer. Each academy is a 3-4 week stay on campus, during which only the target language is spoken. They are available in Spanish, French, German, Japanese, and Russian. Enrollment is on a competition basis with students from other schools in Virginia.

## **TRANSFER STUDENTS**

Students entering Southampton High School as a result of transfer from another high school must observe the following:

- The student's parent or guardian must accompany the student to the school and verify the residence of the student. Legal guardianship is required for a student to be enrolled.
- Grades and records from the last school must be requested by the parent/guardian for presentation to this school. Any schedule provided by this school without official records would be temporary until such records are received. An unofficial copy of the student's transcript would be most helpful in attempting to accurately place the student until official records can be obtained.
- Included in the records required for enrollment are evidence of a physical examination by a doctor and satisfaction of the immunizations required by the Commonwealth of Virginia. Failure to provide this information will prohibit enrollment. While the school will make every possible concession to aid new students, the responsibility to meet the requirements of this school falls on the student.
- Families wishing to apply for non-resident enrollment must contact the school board office for additional information. The school board office number is (757)653-2692.

## **WITHDRAWALS**

Persons withdrawing from Southampton High School to transfer to another school system must come by the Guidance office and pick up a Release Permission Form. If you are eighteen (18) or older you may complete the form yourself. If you are under eighteen, a parent or guardian must sign the form. Return this form to the

Guidance Office along with the name and address of your new school. Withdrawing students should also pick up a Student Withdrawal form from the Guidance office to be filled out by the student and signed by each of his/her classroom teachers, homeroom teacher, librarian, bookkeeper and a guidance counselor.

### NON-DISCRIMINATION POLICY

Southampton County Schools does not discriminate on the basis of race, color, sex, age, religion, disability, national origin, or marital status in employment or any of its programs or activities. The Compliance Officer for the above statutes is the Director of Human Resources, P.O. Box 96, Courtland, Virginia, 757-653-2692.

### COURSE DESCRIPTIONS

Courses listed in this registration booklet are approved by the Southampton County School Board. The actual offering of any class will depend on sufficient enrollment, teacher availability and scheduling opportunity.

All courses are available to students without regard to sex, race, religion or handicapping condition.

### DUAL ENROLLMENT

SHS students may earn college credits by enrolling in the following dual credit courses offered through Paul D. Camp Community College:

English 12DC	Early Childhood Education I DC	Firefighting I
Virginia & US History DC	Early Childhood Education II DC	Firefighting II
Virginia & US Government DC	Emergency Medical Technician	Anatomy & Physiology DC
Pre-Calculus I DC	Heating, Ventilation, Air Conditioning & Refrigeration I	
Pre-Calculus II DC	Plate Welding	
Calculus I DC	Robotics	
Calculus II DC	Electricity I	
Biology DC	Electricity II	

NOTE: Additional PDCCC courses may be offered as available, including but not limited to *online courses* as prescribed for the Associates Degree or Certificate programs.

Students enrolled in these courses will earn both high school and college credit. A fee is charged that fluctuates with the tuition at the community college. Student participation in tuition payment and possible college fees/resources is required. Payment for all Dual Enrollment courses should be made to the bookkeeper at Southampton High School. **Do not make payment to PDCCC!**

All students taking dual enrollment courses through Paul D. Camp Community College:

- Must meet college placement test criteria
- Must meet individual course prerequisites
- Must sign a contract agreeing to pay their portion of the tuition charges

For students enrolled in academic dual enrollment courses, it is **recommended** the student:

- Has a cumulative GPA of 3.0 or higher
- Has demonstrated success in other academic prerequisite courses (A's and B's in academic or Honors classes)

For career and technical education dual enrollment courses scheduled to be held off campus at Paul D. Camp Community College or one of its facilities, students will be required to:

- Attend an information session **with a parent** and **sign a conduct agreement**

The Dual Enrollment Coordinator at Paul D. Camp Community College works closely with our Guidance Department. The coordinator makes periodic visits to the high school campus to meet with students who are participating in degree or certificate programs and to answer general dual enrollment questions. You may contact the DE Coordinator at 757-569-6081.

### ADVANCED PLACEMENT

Students taking Advanced Placement courses must also take the Advanced Placement exam for each course. A fee will be charged for taking the AP tests if students have not completed the Governor's Early College Scholar Agreement. These exams are given each year in May.

### ASSOCIATES DEGREE PROGRAM

The General Studies Dual Credit Degree Program offers Southampton High School students the opportunity to earn both a high school diploma and an Associates Degree at the conclusion of their senior year. Students would earn 61 hours of college credit by taking several dual credit courses throughout high school plus some summer classes. Students enrolled in this program must meet the criteria outlined under Dual Enrollment.

**\*Any classes taken outside the regular school sessions in the Fall or Spring are the financial responsibility of the students and parents, including summer classes.**

### SCHEDULE CHANGES

Schedules are reviewed during the summer for the entire year. Once the schedule is set for the year a student may not change a schedule unless a class is failed that is a prerequisite to a current class or the student is in the wrong academic level.

Students requesting a change to a different academic level of a course after the class has begun must provide parental permission to guidance in order to request to change a class. A student may change from one level of a subject to another of the same subject with the approval of the principal and recommendation of the present teacher by the end of the first interim report period. When such transfer occur the grades achieved to the date of the transfer will be applied to the receiving class and the grade figured according to the guidelines of the receiving teacher. Once the first interim period has passed, no changes in academic level may be made. When an academic level is changed, grades accumulated to date of transfer will be forwarded to the receiving teacher and used to determine the student's grade in the receiving class. Academic issues after the first interim may be reviewed by the Academic Review Committee.

NOTE: Students are allowed to take only one required English class each year unless administrative approval is granted to maximize progress towards on-time graduation.

**When it is in the best interest of the student, the principal will use his/her discretion to make a determination that may not be reflected in this guide.**

## ENGLISH

### **ENGLISH 9**

English 9 students are expected to achieve the Virginia Standard of Learning as specified for English 9. The ninth-grade student will make planned oral presentations independently and in small groups. Knowledge of the impact that informative/persuasive techniques in media messages make on public opinion will be introduced. The student will continue development of vocabulary, with attention to connotations, idioms, and allusions. Knowledge of literary terms and genres will be applied in the student's own writing and in the analysis of literature. The student will be introduced to significant literary texts. Increased requirements for research and reporting in all subjects will be supported by the use of print, electronic databases, online resources and other media. Students will cite sources of information using a standard method of documentation. The student will distinguish between reliable and questionable sources of information. Writing will encompass narrative, expository, and persuasive forms for a variety of purposes and audiences. The student will demonstrate conventions in writing and speaking.

Title: **English 9**

Course Number: **013**

State Code: **1130**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **Passing English 8, Passing English 8 SOL**

- The purpose of the course is to expose students to a variety of literature including short stories, poetry, novels, nonfiction, Shakespearian drama, and Greek mythology. Students will learn to analyze readings using literary elements and personal reflection. Ninth grade English students will also improve writing skills by furthering their knowledge of basic grammar skills, as well as focusing on creating more varied sentences and stronger paragraphs in their writing. Students will learn how to write in many forms including narrative, expository, persuasive, and descriptive. In addition students will explore the writing process by researching, creating rough drafts, and revising their work.

Title: **English 9A**

Course Number: **012**

State Code: **1130A**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **A or B in English 8, Passing English 8 SOL**

- The purpose of the course is to expose students to a variety of literature including short stories, poetry, novels, nonfiction, Shakespearian drama, and Greek mythology. Students will learn to analyze readings using literary elements and personal reflection. Ninth grade English students will also improve writing skills by furthering their knowledge of basic grammar skills, as well as focusing on creating more varied sentences and stronger paragraphs in their writing. Students will learn how to write in many forms including narrative, expository, persuasive, and descriptive. In addition students will explore the writing process by researching, creating rough drafts, and revising their work. Additional reading, writing and/or projects will be assigned.

Title: **English 9H**

Course Number: **011**

State Code: **1130H**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **A or B in English 8, Passing English 8 SOL and Teacher Recommendation**

- The purpose of the course is to expose students to a variety of literature including short stories, poetry, novels, nonfiction, Shakespearian drama, and Greek mythology. Students will learn to analyze readings using literary elements and personal reflection. Ninth grade English students will also improve writing

skills by furthering their knowledge of basic grammar skills, as well as focusing on creating more varied sentences and stronger paragraphs in their writing. Students will learn how to write in many forms including narrative, expository, persuasive, and descriptive. In addition students will explore the writing process by researching, creating rough drafts, and revising their work. Additional reading, writing and/or projects will be assigned.

Title: **Foundations of English**

Course Number: **010**

State Code:

Grade level: **9**

Credit: **1 unit (Elective)**

-This course will focus on the foundations of writing. Emphasis will include paragraph structure, composition structure, and styles of writing. Essential grammar and usage skills will be covered, including: parts of speech, parts of a sentence, phrases and clauses, subject verb agreement, and punctuation. Additional attention will be given to vocabulary enrichment and reading comprehension skills. Students will be expected to express themselves clearly through both written and oral assignments.

### **ENGLISH 10**

English 10 students are expected to achieve the Virginia Standards of Learning as specified for English 10. The tenth-grade student will become a skilled communicator in small-group learning activities. The student will examine, analyze, and produce media messages. The student will continue development of vocabulary, with attention to connotations, idioms, allusions, and evolution of language. The student will read and analyze literary texts from a variety of eras and cultures. Attention will be given to the analysis of nonfiction texts. The student will critique the writing of peers and professionals, using analysis to improve writing skills. The student will continue to build research skills by crediting sources and presenting information in a format appropriate for content. Grammar knowledge will be expanded as the student presents, writes, and edits materials, applying the conventions of language.

Title: **English 10**

Course Number: **023**

State Code: **1140**

Grade level: **10**

Credit: **1 unit**

Prerequisite: **English 9**

-The purpose of the course is to expose students to a variety of literature including short stories, poetry, novels, nonfiction, Shakespearian drama, and folklore and mythology. Students will learn to analyze readings using literary elements and personal reflection. Tenth grade English students will grow in the skills of work usage and sentence development to improve their writing skills. Students will engage in developing a variety of writing styles to effectively convey their purpose and reach their audience. In addition, students will explore the writing process by researching, creating rough drafts, and revising their work.

Title: **English 10A**

Course Number: **022**

State Code: **1140A**

Grade level: **10**

Credit: **1 unit**

Prerequisite: **English 9A**

- The purpose of the course is to expose students to a variety of literature including short stories, poetry,

novels, nonfiction, Shakespearian drama, and folklore and mythology. Students will learn to analyze readings using literary elements and personal reflection. Tenth grade English students will grow in the skills of work usage and sentence development to improve their writing skills. Students will engage in developing a variety of writing styles to effectively convey their purpose and reach their audience. In addition, students will explore the writing process by researching, creating rough drafts, and revising their work. Additional reading, writing and/or projects will be assigned.

Title: **English 10H**

Course Number: **021**

State Code: **1140H**

Grade level: **10**

Credit: **1 unit**

Prerequisite: **English 9A or 9H**

- The purpose of the course is to expose students to a variety of literature including short stories, poetry, novels, nonfiction, Shakespearian drama, and folklore and mythology. Students will learn to analyze readings using literary elements and personal reflection. Tenth grade English students will grow in the skills of work usage and sentence development to improve their writing skills. Students will engage in developing a variety of writing styles to effectively convey their purpose and reach their audience. In addition, students will explore the writing process by researching, creating rough drafts, and revising their work. Additional reading, writing and/or projects will be assigned.

## **ENGLISH 11**

English 11 students are expected to achieve the Virginia Standards of Learning as specified for English 11. The eleventh-grade student will be able to make and analyze informative and persuasive oral presentations, with attention to the accuracy of evidence and the effectiveness of delivery. An examination of how media influences beliefs and behaviors will be introduced. The student will continue to develop and expand vocabulary. The study of both classic and contemporary American literature will enhance the student's appreciation for literature. The student will be able to identify the prevalent themes and characterizations present in American literature, which are reflective of history and culture. Students will also use nonfiction texts to draw conclusions and make inferences citing textual support. The student will be able to write clear and accurate personal, professional, and informational correspondence and reports for research and other applications. Grammar development will continue through the application of rules for sentence formation, usage, spelling, and mechanics. The student will develop informative and persuasive writings by locating, evaluating, synthesizing, and documenting information following ethical and legal guidelines.

Title: **English 11**

Course Number: **033**

State Code: **1150**

Grade level: **11**

Credit: **1 unit**

Prerequisite: **English 10**

-The eleventh-grade student will be able to make and analyze informative and persuasive oral presentations with attention to the accuracy of evidence and the effectiveness of delivery. The study of both classic and contemporary American literature will enhance the student's appreciation of literature. The student will be able to identify the prevalent themes and characterizations present in American literature, which are reflective of the history and culture. The student will be able to write clear and accurate personal, professional, and informational correspondence and reports for research and other applications. Grammar development will continue through the application of rules for sentence formation, usage, spelling, and mechanics. The student will develop informative and persuasive compositions with careful attention to organization and accuracy. All English 11 students must pass the

English 11 Writing and English 11 Reading SOL tests in order to graduate.

Title: **English 11 A**

Course Number: **032**

State Code: **1150A**

Grade level: **11**

Credit: **1 unit**

Prerequisite: **A or B average in English 10A**

- The eleventh-grade student will be able to make and analyze informative and persuasive oral presentations with attention to the accuracy of evidence and the effectiveness of delivery. The study of both classic and contemporary American literature will enhance the student's appreciation of literature. The student will be able to identify the prevalent themes and characterizations present in American literature, which are reflective of the history and culture. The student will be able to write clear and accurate personal, professional, and informational correspondence and reports for research and other applications. Grammar development will continue through the application of rules for sentence formation, usage, spelling, and mechanics. The student will develop informative and persuasive compositions with careful attention to organization and accuracy. All English 11 students must pass the English 11 Writing and English 11 Reading SOL tests in order to graduate. Additional reading, writing and/or projects will be assigned.

Title: **English 11AP**

Course Number: **030**

State Code: **1150AP**

Grade level: **11**

Credit: **1 unit**

Prerequisite: **English 10A or 10H and a 3.0 GPA**

-English 11AP places emphasis on developing *superior* skills in reading, writing, and critical thinking. These skills will be developed largely through independent activities. Proficiency in the techniques of literary analysis and interpretation will be demonstrated through activities such as oral reports, discussion leading, and challenging topics which require independent judgment. An intense study of vocabulary will also be required. At the conclusion of the course students will take the national tests to determine college placement credit. A fee will be charged for the AP test.

## **ENGLISH 12**

All English 12 students are expected to achieve the Virginia Standards of Learning as specified for English 12. The twelfth-grade student will use organizational skills and both verbal and nonverbal presentation skills to plan and deliver an effective oral presentation, choosing language and tone appropriate to the audience and purpose. Students will use technology and understanding of media to create, organize, and display knowledge in ways others can access, view and use. The student will expand general and specialized vocabulary through speaking, listening, reading, and viewing. The student will analyze British literature and literature of other cultures, recognizing major literary forms and their elements. Using nonfiction-texts, students will analyze and synthesize information to solve problems. Writing will include the production of informational, expository, and persuasive/argumentative papers, logically organized demonstrating knowledgeable judgments, and effective conclusions. The student will also produce a well-documented major research product, by locating evaluating, synthesizing, and documenting information following ethical and legal guidelines. The student will demonstrate advanced knowledge of grammatical conventions through writing, editing, and speaking.

Title: **English 12**

Course Number: **043**

State Code: **1160**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **English 11**

-Senior English will be a study of writing, grammar, vocabulary, spelling, research, reading comprehension and the study and interpretation of literature. The literature in Senior English is mainly a survey of British literature from Beowulf through the modern period with a few works of the World literature from various periods also studied. Senior English prepares students for college English and writing research papers and essays in English and other classes. Senior English will prepare students for college, careers, and beyond.

Title: **English 12A**

Course Number: **042**

State Code: **1160A**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **A or B average in English 11A**

- Senior English will be a study of writing, grammar, vocabulary, spelling, research, reading comprehension and the study and interpretation of literature. The literature in Senior English is mainly a survey of British literature from Beowulf through the modern period with a few works of the World literature from various periods also studied. Senior English prepares students for college English and writing research papers and essays in English and other classes. Senior English will prepare students for college, careers, and beyond. Additional reading, writing and/or projects will be assigned.

Title: **English 12AP**

Course Number: **041**

State Code: **1160AP**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **English 11A or 11H and a 3.0 GPA**

-Advanced Placement Literature is a senior English course taught at a college with the content, approaches, and expectations commensurate with a college freshman English course. This is a course which analyzes how an author makes meaning; it deals in elements of style analysis for the novel, drama, and poetry. Concluding this course, students will take the College Board test to determine college credit. A fee is assessed for the AP exam.

Title: **English 12DC**

Course Number: **040**

State Code: **1160DC**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **English 11A , 11H or 11AP and a 3.0 GPA**

-English 12DC fulfills the requirements for English 111 and 112 at Paul D. Camp Community College. Students compose essays, produce research assignments, and analyze literature on the collegiate level. Both courses carry three hours of college credit and are transferable. The study of British literature, an integral segment of the curriculum, satisfies the State Department mandate. Successful completion of the courses determines credit; no standardized examination is necessary. *This course is part of the Associate Degree Program. Student participation in tuition payment is required.*

Title: **Capstone English**

Course Number: **049**

State Number: **1176**

Grade Level: **12**

Credit: **1 unit**

Prerequisite: **Successful completion of English 11 with verified credits for English 11 Writing and English 11 Reading**

Virginia's *College and Career Ready English Performance Expectations* grade 12 Capstone English elective contains high-interest contextualized content designed to give students an additional boost for competent and successful entry into college and careers. The course will add to students' preparation for critical reading, college and workplace writing, and career-ready communications by enhancing skills in reading, the writing process, creation of effective texts, and effective communications (speaking, listening, and collaborating). The course will augment skills in critical reading; critical thinking; the fundamentals of academic writing; and exposition, persuasion, and argumentation. Through the writing process, students will refine topics; develop and support ideas and hypotheses; 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 include expository, persuasive, and argumentative texts.

The course is designed for students who 1) have satisfactorily completed the Standards of Learning English 11 course; 2) have achieved at least minimum proficiency on **both** the end-of-course English reading and writing assessments; and 3) are planning to attend college or enter the work force directly after graduating from high school.

Title: **Research & Writing**

Course Number: **050**

State Number:

Grade level: **11-12**

Credit: **1/2 unit**

Prerequisite: **C average or above in English is recommended for this course.**

-Research and Writing is a nine week course offered as an elective for Juniors and Seniors. Challenging course work is designed to provide opportunities for students to increase research and writing skills required for college level work.

Title: **Creative Writing**

Course Number: **052**

State Code:

Grade level: **9-12**

Credit: **1/2 unit**

Prerequisite: **C average or above in English is recommended for this course.**

-Creative writing will give students opportunities to explore their own thoughts and experiences and transform these ideas into creative forms. Focus will be on starting points and strategies for developing poems, short pieces of fiction, and scripts.

Title: **Journalism I (Newspaper)**

Course Number: **061**

State Code: **1200**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **C average or above in English is recommended for this course.**

-Journalism I students should be outgoing and self-motivated. They will be expected to conduct interviews, collect research, outline, write, and edit articles. Curriculum will also introduce the history of journalism and review current principles and trends in the journalism industry.

Title: **Journalism II (Yearbook)**

Course Number: **062**

State Code: **1210**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **C average or above in English is recommended for this course.**

-This is a year long class in which the students produce the yearbook. You must have taken **Journalism I** or receive instructor's permission to take the course through an application process.

Title: **Public Speaking**

Course Number: **081**

State Code:

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **C average or above in English is recommended for this course.**

-Oral presentation to large or small groups is a vital part of education. Students will learn how to select topics, devise strategies for presentation, and prepare for delivery. Writing skills, body language, and speaking styles will be refined through a variety of activities. The course will also include the study of communications. Students will participate in skits, improve, acting, and debate.

## FOREIGN LANGUAGE

Title: **French I**

Course Number: **111**

State Code: **5110**

Grade level: **9-12**

Credit: **1 unit**

-In this introductory French course, emphasis is placed on speaking and listening skills. Visual aids and activities will strengthen the ability to use the vocabulary. Class participation is essential. Reading and writing exercises will also provide opportunities to use the language. French-speaking cultures will come alive in the forms of music, foods, and other experiences.

Title: **French II**

Course Number: **112**

State Code: **5120**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **French I**

-Listening and speaking skills are stressed; however, more emphasis is placed on reading and writing. Developing dialogues and descriptions, and reading for comprehension allow students to use lesson vocabulary. French grammar is also an important element. Cultural activities and vocabulary games liven the class.

Title: **French III**

Course Number: **113**

State Code: **5130**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **French II**

-Students incorporate vocabulary and grammar in writing short essays and descriptions. Reading comprehension is emphasized by answering questions and discussing excerpts. Students are encouraged to work on fluency in the language. Cultural discussions and projects play a vital role in the course.

Title: **French IV**  
Course Number: **114**  
State Code: **5140**  
Grade level: **11-12**  
Credit: **1 unit**

Prerequisite: **French III**

-French IV is designed to perfect the student's reading, listening, and speaking ability in the language. Students will write short themes and dialogues to be presented to the class. Students will complete the study of major tenses and grammatical forms. Discussions of reading and culture will be in the target language.

Title: **French V**  
Course Number: **1115**  
State Code: **5150**  
Grade level: **11-12**  
Credit: **1 unit**

Prerequisite: **French IV**

-Open to all 11th and 12th grade students seeking potential college placement credit. Extensive reading in French literature is required.

Title: **Spanish I**  
Course Number: **121**  
State Code: **5510**  
Grade level: **9-12**  
Credit: **1 unit**

-Introduction to Spanish emphasizes conversation (listening and speaking) in simple Spanish, followed by reading and writing. Spanish speaking cultures are compared with that of the United States. You will learn to think new ways and to learn more about yourself. Daily study is essential.

Title: **Spanish II**  
Course Number: **122**  
State Code: **5520**  
Grade level: **9-12**  
Credit: **1 unit**

Prerequisite: **Spanish I**

-The emphasis of Spanish II is still on listening and speaking, but there is more reading and writing than in Spanish I and more grammar. The aim is not toward dull translation, but toward more effective expression.

Title: **Spanish III**  
Course Number: **123**  
State Code: **5530**  
Grade level: **10-12**  
Credit: **1 unit**

Prerequisite: **Spanish II**

-Spanish III teaches more new grammar especially the subjunctive mood. It aims also at using what is learned in Spanish I and II. There is more conversation on various topics, as well as written expression of original thoughts. Spanish III is for the student who wants to work at perfecting what he has already learned.

Title: **Spanish IV**  
Course Number: **124**  
State Code: **5540**  
Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Spanish III**

-Spanish IV is for the student who is seriously interested in advancing and perfecting skills learned in Spanish I, II, and III. In addition to the text, there may be additional reading of novels, short stories, or other outside materials. Those enrolling in Spanish IV should discuss it with the teacher first.

Title: **Spanish V**

Course Number: **125**

State Code: **5550**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **Spanish IV**

-Spanish V is for the student who can do both group and independent work. The class aims to help the student coordinate all the Spanish learned in Spanish I, II, III, and IV

**The following classes are taught via Electronic Classroom (EC):**

Title: **Latin I (EC)**

Course Number: **131**

State Code: **5310**

Grade level: **9-12**

Credit: **1 unit**

-This course is a study of the ancient language which is the base of all other Romance languages. The student will gain a perspective of the lifestyle of the classical world. This will include the study of Roman life in such areas as history, government, literature, art, architecture, philosophy, religion, the military, and linguistics.

Title: **Latin II**

Course Number: **132**

State Code: **5320**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Latin I**

-The student continues to develop the cultural understanding, attitudes, and linguistic performance skills. He increases his awareness of the contributions of Roman civilization to our Western civilization, increasing his knowledge of the Roman way of life, builds his Latin and English vocabularies, improves his reading skills, and improves his mastery of the Latin structural system. As he gains knowledge, he broadens his perspective on life and language today as they are influenced by the past.

Title: **Latin III (EC)**

Course Number: **133**

State Code: **5330**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Latin II**

-The student in this course continues to study classical culture, attitudes and history and their relevance to the present day. Emphasis will be placed on the development of Rome as an empire and the military, literary, and political figures who played prominent roles in that development. The formal study of Latin grammar will be completed during the course of the year with emphasis on the subjunctive and participle moods of the verb and the construction associated with these moods. The review of grammatical forms studied during earlier levels of Latin will continue via the reading used in the course. At least one grading period will focus on the works of a particular Roman author-Caesar, Livy, Pliny, or Ovid.

## MATHEMATICS

### ALGEBRA I

All students are expected to achieve the Virginia Standards of Learning as specified for Algebra I. When planning for instruction, consideration will be given to the sequential development of concepts and skills by using concrete materials to assist students in making the transition from the arithmetic to the symbolic. Students should be helped to make connections and build relationships between algebra and arithmetic, geometry, and probability and statistics. Connections also should be made to other subject areas through practical applications. This approach to teaching algebra should help students attach meaning to the abstract concepts of algebra.

These standards require students to use algebra as a tool for representing and solving a variety of practical problems. Tables and graphs will be used to interpret algebraic expressions, equations, and inequalities and to analyze behaviors of functions.

Graphing calculators, computers, and other appropriate technology tools will be used to assist in teaching and learning. Graphing utilities enhance the understanding of functions; they provide a powerful tool for solving and verifying solutions to equations and inequalities.

Throughout the course, students will be encouraged to engage in discourse about mathematics with teachers and other students, use the language and symbols of mathematics in representations and communication, discuss problems and problem solving, and develop confidence in themselves as mathematics students.

Title: **Algebra I - Part A**

Course Number: **2111**

State Code: **3131**

Grade level: **9**

Credit: **1 unit (elective)**

This is the first course of a two-part Algebra I course. It is designed for students who may learn algebra more effectively by having it presented at a slower pace. Algebra I covers curriculum as specified by the Virginia Standards of Learning. It involves a thorough study of the real number system, solving equations and problems polynomials and rational expressions.

Title: **Algebra I - Part B**

Course Number: **2112**

State Code: **3132**

Grade level: **9-10**

Credit: **1 unit**

Prerequisite: **Algebra I - Part A**

-This is the second course of a two-part Algebra I course. Upon successful completion of this class the student will receive algebra credit and one math credit for graduation. Algebra I covers curriculum as specified by the Virginia Standards of Learning. It involves a thorough study of the real number system, solving equations and problems polynomials and rational expressions. The Virginia Standards of Learning test for Algebra I will be administered at the end of the course.

Title: **Algebra I**

Course Number: **221**

State Code: **3130**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Pre-Algebra with a "C" or better**

- Algebra I covers curriculum as specified by the Standards of Learning for academic students. It involves a thorough study of the real number system, solving equations and problems, polynomials and

rational expressions. The Virginia Standards of Learning test for Algebra I will be administered at the end of the course.

Title: **Foundations of Algebra**

Course Number: **2001**

State Code:

Grade level: **9 - 10**

Credit: **1 unit (elective)**

-This is a transitional math designed for students who require additional instruction in basic skills necessary for high school math.

## **GEOMETRY**

This is the first course of a two-part class in geometry. It is designed for students who may learn geometry more effectively by having it presented at a slower pace. This course is designed for students who have successfully completed the standards for Algebra I. All students are expected to achieve the Virginia Standards of Learning as specified for Geometry. The course includes, among other things, properties of geometric figures, trigonometric relationships, and reasoning to justify conclusions. Methods of justification will include paragraph proofs, two-column proofs, indirect proofs, coordinate proofs, algebraic methods, and verbal arguments. A gradual development of formal proof will be encouraged. Inductive and intuitive approaches to proof as well as deductive axiomatic methods should be used.

This set of standards includes emphasis on two- and three-dimensional reasoning skills, coordinate and transformational geometry, and the use of geometric models to solve problems. A variety of applications and some general problem-solving techniques, including algebraic skills, should be used to implement these standards. Calculators, computers, graphing utilities (graphing calculators or computer graphing simulators), dynamic geometry software, and other appropriate technology tools will be used to assist in teaching and learning. Any technology that will enhance student learning will be used.

Title: **Geometry - Part A**

Course Number: **222A**

State Code: **3144**

Grade level: **10-12**

Credit: **1 unit (elective)**

Prerequisite: **Algebra I**

-This is the first course of a two-part class in geometry. It is designed for students who, may learn geometry more effectively by having it presented at a slower pace. Geometry covers curriculum as specified by the Virginia Standards of Learning and deals mainly with the relationships between lines, angles and geometric figures. It also strives to develop a logical system of thought through the understanding of conditional statements and arguments.

Title: **Geometry - Part B**

Course Number: **222B**

State Code: **3145**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Geometry-Part A**

-This is the second course of a two-part class in geometry. Upon successful completion of this class, the student will receive one math credit for graduation. Geometry covers curriculum as specified by the Virginia Standards of Learning and deals mainly with the relationships between lines, angles and geometric figures. It also strives to develop a logical system of thought through the understanding of

conditional statements and arguments. The Virginia Standards of Learning test for Algebra I will be administered at the end of the course.

Title: **Geometry**

Course Number: **222**

State Code: **3143**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Algebra I with a “C” or better or Algebra, Part A/B with “B” or better.**

-Geometry covers curriculum as specified by the Virginia Standards of Learning and deals mainly with the relationships between lines, angles and geometric figures. It also strives to develop a logical system of thought through the understanding of conditional statements and arguments. The Virginia Standards of Learning test for Algebra I will be administered at the end of the course.

Title: **Geometry H**

Course Number: **231**

State Code: **3143H**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **Algebra I with a “B” or better**

-Geometry H covers curriculum as specified by the Virginia Standards of Learning. Geometry H expands on the topics presented in Geometry including the addition of mathematical proof and independent research and projects. The Virginia Standards of Learning test for Algebra I will be administered at the end of the course.

## **ALGEBRA II**

Students enrolled in Algebra II are assumed to have mastered those concepts outlined in the Algebra I standards. All students enrolled in Algebra II are expected to achieve the Virginia Standards of Learning as specified for Algebra II. A thorough treatment of advanced algebraic concepts will be provided through the study of functions, “families of functions,” equations, inequalities, systems of equations and inequalities, polynomials, rational and radical equations, complex numbers, and sequences and series. Emphasis will be placed on practical applications and modeling throughout the course of study. Oral and written communication concerning the language of algebra, logic of procedures, and interpretation of results should also permeate the course.

These standards include a transformational approach to graphing functions. Transformational graphing uses translation, reflection, dilation, and rotation to generate a “family of graphs” from given graph and builds a strong connection between algebraic and graphic representations of functions. Students will vary the coefficient and constants of an equation, observe the changes in the graph of the equation, and make generalizations that can be applied to many graphs.

Graphing utilities (graphing calculators or computer graphing simulators), computers, spreadsheets, and other appropriate technology tools will be used to assist in teaching and learning. Graphing utilities enhance the understanding of realistic applications through mathematical modeling and aid in the investigation and study of functions. They also provide an effective tool for solving and verifying solutions to equations and inequalities. Any other available technology that will enhance student learning will be used.

Title: **Algebra II**

Course Number: **223**

State Code: **3135**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Algebra I with a “C” or better or Algebra A/B and Geometry A/B with a “B” or better**

-Algebra II expands on topics covered in Algebra I and emphasizes problem solving techniques through practical applications. The Virginia Standard of Learning test for Algebra II will be administered at the end of the course.

Title: **Algebra II H**

Course Number: **232**

State Code: **3135H**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **Algebra I with “B” or better or Geometry H with a “C” or better.**

-Algebra II H covers the same topics as Algebra II but will include more in-depth study and require more independent work by the student. The Virginia Standard of Learning test for Algebra II will be administered at the end of the course.

Title: **Algebra, Functions, and Data Analysis**

Course Number: **215**

State Code: **3134**

Grade level: **10-12**

Credit: **1 Unit**

Prerequisite: **Algebra I**

-This course is designed for students who have successfully completed the standards for 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 and logarithmic equations or a system of equations. Through the investigation of mathematical models and interpretations/analysis of data from real life situations, students will strengthen conceptual understandings in mathematics and further develop connections between algebra and statistics. Students should use the language and symbols of mathematics in representations and communication throughout the course.

Title: **Computer Mathematics**

Course Number: **235**

State Code: **3184**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Algebra I**

-Students who have completed or plan to take Algebra II should enroll in Computer Math Advanced. Computer Math provides students with experience in problem solving through programming on the graphing calculator. It is intended for students working toward a Standard Diploma. Programming concepts, problem-solving strategies, and mathematical applications will be integrated throughout the course.

Title: **Computer Mathematics Advanced**

Course Number: **236**

State Code:

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Algebra II**

-Computer Math Advanced provides an introduction to computer programming for students working toward an Advanced Diploma. Students will solve mathematical problems by writing computer programs ranging from simple programs involving only a few lines to complex problems using multiple inputs, outputs and subroutines. Topics covered include computer memory and storage, program planning, data types, built-in functions, complex decision-making, various loop structures, and debugging.

Title: **Trigonometry/Advanced Alg.**

Course Number: **224**

State Code:

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Geometry or Algebra II with a “C” or better**

-Trig/Algebra is not for students who plan to take Pre-Calculus II. Credit will not be awarded for both Trig/Algebra and Pre-Calculus II. Tri/Algebra deals mainly with the basic circular and triangular trigonometric functions and their properties, as well as analytic geometry and in-depth conics.

Title: **Pre-Calculus I DC**

Course Number: **228**

State Code:

Grade level: **10-12**

Credit: **½ unit**

Prerequisite: **Algebra II H and Geometry H and 3.0 GPA**

- Pre-Calculus I is a semester course that follows Virginia State SOLs for Mathematical Analysis and fulfills the requirements for **Math 163** from Paul D. Camp Community College for 3 college credits. Pre-Calculus I is intended to extend students' knowledge of function characteristics and to introduce to a more intensive mode of mathematical reasoning. Topics covered include college algebra, algebraic, exponential, and logarithmic functions, matrices, parametric equations, and sequences and series. *This course is part of the Associates Degree Program. Student participation in tuition payment is required.*

Title: **Pre-Calculus II DC**

Course Number: **233**

State Code:

Grade level: **10 - 12**

Credit: **½ unit**

Prerequisite: **Pre-Calculus I and a 3.0 GPA**

-Pre-Calculus II is a semester course that follows Virginia State SOLs for Trig/Algebra and fulfills the requirements for **Math 164** from Paul D. Camp Community College for 3 college credits. Pre-Calculus II covers a more in-depth study of the same topics as Trig/Algebra including circular and triangular trigonometric functions, vectors, polar equations, analytic geometry, and trigonometric proofs. *This course is part of the Associate Degree Program. Student participation in tuition payment is required.*

Title: **Calculus I DC**

Course Number: **238DC**

State Code:

Grade level: **11 - 12**

Credit: **½ unit**

Prerequisite: **Pre-Calculus I and II with a “C” or better and a 3.0 GPA**

-Calculus, part I, is a semester course that fulfills the requirements for **Math 175** from Paul D. Camp Community College for 3 college credits. It also covers the first part of the requirements of the College Board Advanced Placement Calculus AB course. This course involves an extensive study of differential calculus of one variable including theory of limits, derivatives, differentials, ant derivatives and applications to algebraic

and transcendental functions. Students taking the class must enroll in DC/AP Calculus part II in the same calendar year. *Student participation in tuition payment is required.*

Title: **Calculus II DC**

Course Number: **239DC/AP**

State Code:

Grade level: **11-12**

Credit: **½ unit**

Prerequisite: **Calculus I and a 3.0 GPA**

-Calculus, part II, is a semester course that fulfills the requirements for **Math 176** from Paul D. Camp Community College for 3 college credits. It also completes the requirements of the College Board Advanced Placement Calculus AB course. AP/DC Calculus part II continues the study of integral calculus of one variable including indefinite integrals, definite integrals and methods of integration with applications to algebraic and transcendental functions. *Student participation in tuition payment is required.*

Title: **Statistics AP**

Course Number: **291**

State Code:

Grade level: **11-12**

Credit: **½ unit**

Prerequisite: **Algebra II**

-This will be a college level, non-calculus based course in introductory statistics. Mathematically able students who possess quantitative reasoning ability should consider the following areas of study: Exploring Data; Planning a Study, Anticipating Patterns in Advance; Statistical Inference. Students should own or have access to a TI-83 graphing calculator. It is taught via Electronic Classroom. *At the conclusion of the course, students will take the national AP test. A fee will be charged for the AP test.*

## SCIENCE

### EARTH SCIENCE

The Virginia Standards of Learning for Earth Science connect the study of Earth's composition, structure, processes, and history; its atmosphere, fresh water, and oceans; and its environment in space. The standards emphasize historical contributions in the development of scientific thought about Earth and space. The standards stress the interpretation of maps, charts, tables, and profiles; the use of technology to collect, analyze, and report data; and the utilization of science skills in systematic investigation. Problem solving and decision making are an integral part of the standards, especially as they relate to the costs and benefits of utilizing Earth's resources. Major topics of study include plate tectonics, the rock cycle, Earth history, the oceans, the atmosphere, weather and climate, and the solar system and universe.

The Earth Science standards continue to focus on student growth in understanding the nature of science. This scientific view defines the idea that explanations of nature are developed and testing using observation, experimentation, models, evidence, and systematic processes. The nature of science includes the concepts that scientific explanations are based on logical thinking; are subject to rules of evidence; are consistent with observational, inferential, and experimental evidence; are open to rational critique; and are subject to refinement and change with the addition of new scientific evidence. The nature of science includes the concept that science can provide explanations about nature and can predict potential consequences of actions, but cannot be used to answer all questions.

Title: **Foundations of Science**

Course Number: **310**

Grade level: **9**

Credit: **1 unit (elective)**

Prerequisite: **Recommendation of guidance counselor**

-A basic general science for those who need additional exposure in the fundamental skills in science.

Title: **Earth Science Part A**

Course Number: **313**

State Code: **4200**

Grade level: **9**

Credit: **1 unit**

-This course is designed to provide the skills necessary for students to be successful in Earth Science. Content focuses on measurements matter and physical science. Study will also include astronomy, geology, meteorology, oceanography, and environmental sciences. General Science is required for students entering ninth grade for the first time who need to develop strong academic skills necessary for Earth Science.

Title: **Earth Science Part B**

Course Number: **314**

State Code: **4201**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **Introduction to General Science**

-Earth Science is the study of the following sciences: Astronomy, geology, meteorology, oceanography, and environmental science. Laboratory exercises and instruction cover the inquiry and analyzes approaches to problem solving. The Virginia Standards of Learning test for Earth Science will be administered at the end of the course.

Title: **Earth Science A**

Course Number: **311**

State Code: **4210A**

Grade level: **9**

Credit: **1 unit**

Prerequisite: **“A” or “B” in Science 8**

-Academic Earth Science is an in-depth study of the following sciences: Astronomy, geology, meteorology, oceanography, and environmental science. Laboratory exercises and instruction cover the inquiry and analyzes to problem solving. Students enrolled will be assigned additional labs and/or projects. The Virginia Standards of Learning test for Earth Science will be administered at the end of the course.

Title: **Earth Science II/Oceanography**

Course Number: **310**

State Code: **4250**

Grade level: **9 – 12**

Credit: **1 unit**

Prerequisite: **Earth Science**

-Oceanography offers students opportunities to expand their understanding of the physical and biological sciences through interactions and experience with the ocean and its inhabitants. Students will learn about processes that influence the hydrosphere, as well as the influence of the hydrosphere on the environment. This course emphasizes the use of laboratory and field investigation to collect data on structure, function, and interactions of the diverse marine organisms and ultimately explore issues involving human impact on the marine environment.

Title: **Environmental Science**

Course Number: **320**

State Code:

Grade level: **9-12**

Credit: **1 unit**

-Ecology is an integrated lab science which draws from many fields of science showing how biotic and abiotic factors interact with one another.

## **BIOLOGY**

The Virginia Standards of Learning for Biology are designed to provide students with a detailed understanding of living systems. Emphasis continues to be placed on the skills necessary to examine alternative scientific explanations, actively conduct controlled experiments, analyze and communicate information, and gather and use information in scientific literature. The history of biological thought and the evidence that supports it are explored, providing the foundation for investigating biochemical life processes, cellular organization, mechanisms of inheritance, dynamic relationships among organisms, and the change in organisms through time. The importance of scientific research that validates or challenges ideas is emphasized at this level. All students are expected to achieve the content the content of the biology standards.

The Biology standards continue to focus on student growth in understanding the nature of science. This scientific view defines the idea that explanations of nature are developed and tested using observation, experimentation, models, evidence, and systematic processes. The nature of science includes the concepts that scientific explanations are based on logical thinking; are subject to rules of evidence; are consistent with observational, inferential, and experimental evidence; are open to rational critique; and are subject to refinement and change with the addition of new scientific evidence. The nature of science includes the concept that science can provide explanations about nature and can predict potential consequences of actions, but cannot be used to answer all questions.

Title: **Biology**

Course Number: **322**

State Code: **4310**

Grade level: **10**

Credit: **1 unit**

Prerequisite: **Earth Science suggested**

-Biology is a study of the exploration into living systems. A student's natural sense of curiosity and inquiry is developed to promote the student's ability to explore their natural surroundings and have them think of the appropriate questions to further their understanding of biology. In order to answer these questions, students are introduced to how scientists explore the world through scientific investigations and methods. Using these methods, students will then investigate biochemical life processes, cellular organizations, and mechanisms of inheritance, dynamic relationships among organisms, and the change in organisms through time. The Virginia Standards of Learning test for Biology will be administered at the end of the course.

Title: **Biology A**

Course Number: **321**

State Code: **4310A**

Grade level: **9-10**

Credit: **1 unit**

Prerequisite: **Earth Science A**

-Academic Biology is an in-depth study of the exploration into living systems. A student's natural sense of curiosity and inquiry is developed to promote the student's ability to explore their natural surroundings and have them think of the appropriate questions to further their understanding of biology. In order to answer these questions, students are introduced to how scientists explore the world through scientific investigations and methods. Using these methods, students will then investigate biochemical life processes, cellular organizations, and mechanisms of inheritance, dynamic relationships among

organisms, and the change in organisms through time. The Virginia Standards of Learning test for Biology will be administered at the end of the course.

Title: **Biology H**

Course Number: **324**

State Code: **4310H**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **A or B in Earth Science A**

-Honors Biology is an in-depth study of the exploration into living systems. A student's natural sense of curiosity and inquiry is developed to promote the student's ability to explore their natural surroundings and have them think of the appropriate questions to further their understanding of biology. In order to answer these questions, students are introduced to how scientists explore the world through scientific investigations and methods. Using these methods, students will then investigate biochemical life processes, cellular organizations, and mechanisms of inheritance, dynamic relationships among organisms, and the change in organisms through time. Students will be assigned additional labs and/or projects. The Virginia Standards of Learning test for Biology will be administered at the end of the course.

Title: **Biology II – Advance Survey of Biology Topics**

Course Number: **325**

State Code: **4320**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Biology A with a “C” or higher or Biology G with an “A” or “B”**

-In preparation for a medical career or science career. Biology II is an advanced specialized elective which will concentrate on Botany, Zoology, Anatomy, and Microorganisms.

Title: **DC Biology**

Course Number: **326**

State Code:

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **A or B in Biology A or H and Chemistry A or H with grades of “A” or “B”**

*This course fulfills the requirement for **Biology 101 and 102** at Paul D. Camp Community College.*

-Dual Credit Biology explores fundamental characteristics of living matter from the molecular level to the ecological community with emphasis on general biological principles. This class introduces the diversity of living organisms, their structure, function and evolution. *This course is part of the Associates Degree Program. Student participation in tuition payment is required.*

Title: **Biology II - Anatomy and Physiology**

Course Number: **328**

State Code: **4330**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **“A” or “B” in Biology A or H and Chemistry A or H with grades of “A” or “B”**

-Human Anatomy and Physiology is a biology course for any student who has completed an introductory Biology class and a class in Chemistry. This course will introduce the students to medical terminology. It will explore the structures of the human body and how this structure influences its function (physiology). Students will begin to understand how dysfunction leads to injury and disease. This brief but comprehensive course will provide the student with an appreciation of how the body works.

## **CHEMISTRY**

The Virginia Standards of Learning for Chemistry are designed to provide students with a detailed understanding of the interaction of matter and energy. This interaction is investigated through the use of laboratory techniques, manipulation of chemical quantities, and problem-solving applications. Scientific methodology is employed in experimental and analytical investigations, and concepts are illustrated with current practical applications that should include examples from environmental, nuclear, organic, and biochemistry content areas.

Technology, including graphing calculators, computers, and probeware, are employed where feasible. Students will understand and use safety precautions with chemicals and equipment. The standards emphasize qualitative and quantitative study of substances and the changes that occur in them. In meeting the chemistry standards, students will be encouraged to share their ideas, use the language of chemistry, discuss problem-solving techniques, and communicate effectively.

The Chemistry standards continue to focus on student growth in understanding the nature of science. This scientific view defines the idea that explanations of nature are developed and tested using observation, experimentation, models, evidence, and systematic processes. The nature of science includes the concepts that scientific explanations are based on logical thinking; are subject to rules of evidence; are consistent with observational, inferential, and experimental evidence; are open to rational critique; and are subject to refinement and change with the addition of new scientific evidence. The nature of science includes the concept that science can provide explanations about nature and can predict potential consequences of actions, but cannot be used to answer all questions.

Title: **Chemistry A**

Course Number: **331**

State Code: **4410A**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Algebra II and Biology A**

-Modern Chemistry deals with major chemistry principles in the “mechanics” of chemistry, the structure of the matter, and mole concept. It covers atomic structure, the elements, inorganic compounds, acids, bases, and chemical equations, chemical stoichiometry and equilibrium, acids and bases and chemical kinetics. Laboratory work along with mini-courses is used to examine and reinforce principles and concepts. The Virginia Standards of Learning test for Chemistry will be administered at the end of the course.

Title: **Chemistry H**

Course Number: **334**

State Code: **4410H**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Biology A and Algebra II H**

-Chemistry H deals with major chemistry principles in the “mechanics” of chemistry, the structure of the matter, and mole concept. It covers atomic structure, the elements, inorganic compounds, acids, bases, and chemical equations, chemical stoichiometry and equilibrium, acids and bases and chemical kinetics. Laboratory work along with mini-courses is used to examine and reinforce principles and concepts. This class will cover material in depth and will require students to work independently in class and lab situations. The Virginia Standards of Learning test for Chemistry will be administered at the end of the course.

Title: **AP Chemistry**  
Course Number: **335AP**  
State Code: **4470**  
Grade level: **11-12**  
Credit: **1 unit**

Prerequisite: **Trigonometry and Chemistry A or H**

AP Chemistry is equivalent to a college level chemistry course usually taken during the freshman year of college. The curriculum prepares students for the Advanced Placement Examination to be taken at the end of the course. Emphasis is on mathematical formulation of principles and laboratory activities based on experimental problems and independent study. Concepts and principles studied include atomic theory and structure, chemical bonding, gases, liquids and solids, solutions, stoichiometry, reaction types, equilibrium, kinetics, thermodynamic relations, and chemical calculations. *At the conclusion of the course, students will take the national AP test. A fee will be charged for the AP test.*

Title: **Physics**  
Course Number: **341**  
State Code: **4510**  
Grade level: **11-12**  
Credit: **1 unit**

Prerequisite: **Algebra II with a “C” or higher**

-Physics involves the concepts of measurements and mechanics of motion and the action of forces on bodies. It deals with physical properties and charges and interaction of matter and energy with emphasis on sound problem solving procedure.

## **SOCIAL STUDIES**

Title: **Foundations of Social Studies**  
Course Number: **4100**  
State Code:  
Grade level: **9**  
Credit: **1 unit (elective)**

-Foundations of Social Studies will focus on the skills necessary for success in the social sciences. Students will interpret and construct maps, charts, graphs, and diagrams. Fundamental study and organization skills for success in the social sciences will also be included in the curriculum.

Title: **World Geography**  
Course Number: **412**  
State Code: **2210**  
Grade level: **9-10**  
Credit: **1 unit**

-The focus of the course is the study of the world's people, places, and environments with historical emphasis on Asia, Latin America, Africa, and the Middle East. The knowledge, skills, and perspectives of the course are centered on the world's population and cultural characteristics, its countries and regions, land forms and climates, natural resources and natural hazards, economic and political systems, and migration and settlement patterns. Spatial concepts of geography will be linked to chronological concepts of history to set a framework for studying human interactions. The course will emphasize how people in various cultures influence and are influenced by their physical and ecological environments. Using texts, maps, globes, graphs, pictures, stories, diagrams, charts, and a variety of geographic, inquiry/research, and technological skills, students consider the relationship between people and places while asking and answering geographic questions.

Title: **World Affairs**

Course Number: **445**

State Code:

Grade level: **9 -10**

Credit: **1 unit**

-World Affairs is a semester class designed for freshmen. This course is an in-depth look at the world's major culture regions focusing on historical and present day social organizations, government and political trends, religious beliefs and institutions. Emphasis will be on how these impact the modern world with an emphasis on current events. The study of each of the culture areas will be supplemented by the development of reading, writing, research, geography, critical thinking, study skills/note taking, technology use and presentation skills. This course will prepare students for content in World History I and World History II courses.

### **WORLD HISTORY & GEOGRAPHY to 1500 A.D.**

The Virginia Standards of Learning for World History and Geography to 1500 A.D. enable students to explore the historical development of people, places, and patterns of life from ancient times until 1500 A.D. (C.E.) in terms of the impact on Western civilization.

The study of history rests on knowledge of dates, names, places, events, and ideas. Historical understanding, however, requires students to engage in historical thinking, raise questions, and marshal evidence in support of their answers. Students engaged in historical thinking draw upon chronological thinking, historical comprehension, historical analysis and interpretation, historical research, and decision making. These skills are developed through the study of significant historical substance from the era or society being studied.

Title: **World History & Geography to 1500 A.D.**

Course Number: **4110**

State Code: **2215**

Grade level: **9-12**

Credit: **1 unit**

-World History to 1500 A.D. enables students to explore the historical development of people, places, and patterns of life from ancient times until about 1000 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. The Virginia Standards of Learning test for World History and Geography to 1500 A.D. will be administered at the end of the course.

Title: **World History & Geography to 1500 A.D. A**

Course Number: **4109**

State Code: **2215A**

Grade level: **9-12**

Credit: **1 unit**

-World History to 1500 A.D. enables students to explore the historical development of people, places, and patterns of life from ancient times until about 1000 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. The Virginia Standards of Learning test for World History and Geography to 1500 A.D. will be administered at the end of the course.

### **WORLD HISTORY & GEOGRAPHY 1500 to the Present**

The Virginia Standards of Learning for World History and Geography 1500A.D. to present will enable students to examine history and geography from 1500 A.D. (C.E.) to the present, with emphasis on Western Europe. Geographic influences on history will continue to be explored, but increasing attention will be given to political boundaries that developed with the evolution of nations. 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. Noteworthy people and events of the nineteenth and twentieth centuries will be emphasized for their strong connections to contemporary issues.

The study of history rests on knowledge of dates, names, places, events, and ideas. Historical understanding, however, requires students to engage in historical thinking, to raise questions, and to marshal evidence in support of their answers. Students engaged in historical thinking draw upon chronological thinking, historical comprehension, historical analysis and interpretation, historical research, and decision making. These skills are developed through the study of significant historical substance from the era or society being studied.

**Title: World History & Geography 1500 to the Present**

**Course Number: 4112**

**State Code: 2216**

**Grade level: 9-12**

**Credit: 1 unit**

-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 centuries 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. The Virginia Standards of Learning test for World History and Geography: 1500A.D. to present will be administered at the end of the course.

**Title: World History & Geography 1500 to the Present A**

**Course Number: 4111**

**State Code: 2216A**

**Grade level: 9-12**

**Credit: 1 unit**

-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 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 centuries 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. The Virginia Standards of Learning test for World History and Geography: 1500A.D. to present will be administered at the end of the course.

## **VIRGINIA & UNITED STATES HISTORY**

The Virginia Standards for United States History include the historical development of American ideas and institutions from the Age of Exploration to the present. While focusing on political and economic history, the standards provide students with a basic knowledge of American culture through a chronological survey of major issues, movements, people, and events in United States and Virginia history. Students should use historical and geographical analysis skills to explore in depth the events, people, and ideas that fostered our national identity

and led to our country's prominence in world affairs.

The study of history must emphasize the intellectual skills required for responsible citizenship. Students practice these skills as they extend their understanding of the essential knowledge defined by the standards for history and social science.

**Title: VA & U.S. History**

**Course Number: 423**

**State Code: 2360**

**Grade level: 11**

**Credit: 1 unit**

-United States History includes the historical development of American ideas and institutions from the Age of Exploration to present. While focusing on political and economic history, basic knowledge of American culture through a chronological survey of major issues, movements, people, and events in United States and Virginia History will be provided by the following Virginia Standards of learning. Students should use historical and geographical analysis skills to explore in depth the events, people, and ideas that fostered our national identity and led to our country's prominence in world affairs. The Virginia Standards of Learning test for Virginia and United States History will be administered at the end of the course.

**Title: VA & U.S. History A**

**Course Number: 422**

**State Code: 2360A**

**Grade level: 11**

**Credit: 1 unit**

- United States History includes the historical development of American ideas and institutions from the Age of Exploration to present. While focusing on political and economic history, basic knowledge of American culture through a chronological survey of major issues, movements, people, and events in United States and Virginia History will be provided by the following Virginia Standards of learning. Students should use historical and geographical analysis skills to explore in depth the events, people, and ideas that fostered our national identity and led to our country's prominence in world affairs. The Virginia Standards of Learning test for Virginia and United States History will be administered at the end of the course.

**Title: VA & U.S. History DC**

**Course Number: 421DC**

**State Code: 2360DC**

**Grade level: 11-12**

**Credit: 1 unit**

**Prerequisite: "A" or "B" avg. in World History/Geography recommended and a 3.0 GPA**

-This course fulfills the requirements of U.S. History 121 and 122 at Paul D. Camp Community College as well as the State Department mandate for the study of U.S. History at the high school level. Successful completion of the course determines credit; no standardized examination is necessary. *This course is part of the Associates Degree Program. Student participation in tuition payment is required.*

**Title: Virginia History**

**Course Number: 420**

**State Code:**

**Grade level: 10**

**Credit: 1 unit (elective)**

-Virginia History will explore history from European contact to the present day in the state of Virginia, with emphasis given to Southampton County when possible. This class will expose students to information that is

part of the current U.S. History Sol curriculum. Instructors will be able to spend more time on those events that affected Virginia and paralleled U.S. History. Field trips to various county sites (Nat Turner's Insurrection Path, Agricultural Museum, etc.) and state sites (Jamestown, Yorktown, Williamsburg, etc.) may be used to further student understanding of the various time periods. This course will better prepare students for content in the U.S. History course that is currently required for graduation. Consequently, student exposure to this information will result in increased SOL test scores.

### **VA & U.S. GOVERNMENT**

The Virginia Standards for Virginia and United States Government define the knowledge that enables citizens to participate effectively in civic and economic life. Students will examine fundamental constitutional principles, the rights and responsibilities of citizenship, the political culture, the policy-making process at each level of government, and the operation of the United States market economy. The standards identify the personal character traits that facilitate thoughtful and effective participation in the civic life of an increasingly diverse democratic society.

Civic education also must emphasize the intellectual skills required for responsible citizenship. Students will practice these skills as they extend their understanding of the essential knowledge defined by the standards for Virginia and United States Government.

Title: **VA & U.S. Government**

Course Number: **433**

State Code: **2440**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **U.S. History**

- U.S. Government is a study of the structure, organization and functions of national, state (VA), and local (Southampton) governments. It includes a study of the rights and responsibilities of American citizens. It also compares the U.S. political and economic systems with those of major democratic and authoritarian nations.

Title: **VA & U.S. Government A**

Course Number: **432**

State Code: **2440A**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **U.S. History**

- U.S. Government A is an in-depth study of the structure, organization and functions of national, state (VA), and local (Southampton) governments. It includes a study of the rights and responsibilities of American citizens. It also compares the U.S. political and economic systems with those of major democratic and authoritarian nations.

Title: **AP Government & Politics: United States**

Course Number: **431**

State Code: **2245AP**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **U.S. History A or U.S. History DC with 3.0 GPA**

-U.S. Government AP is open to all 12th graders seeking potential college placement credit at the end of the course. A national standardized test will determine college placement credit at the end of this course. Credit for this course toward high school graduation will be granted by this school. AP Government is designed to present students with an analytical perspective of government and politics in the United States. The course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case

studies. The course will include the various institutions, groups, beliefs and ideas that constitute U.S. political reality. *At the conclusion of the course, students will take the national AP test. A fee will be charged for the AP test.*

Title: **VA & U.S. Government DC**

Course Number: **430**

State Code: **2245DC**

Grade level: **12**

Credits: **1 unit (6 college credits)**

Prerequisite: **US History A or US History DC with 3.0 GPA**

*This course fulfills the requirements of **American Government I & II (PLS 211 & 212)** at Paul D. Camp Community College.*

-This course is designed to present students with an analytical perspective of government and politics in the United States. The course involves both the study of general concepts used to interpret U.S. Politics and the analysis of specific issues. The course will include the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. *This course is part of the Associates Degree Program. Student participation in tuition payment is required.*

Title: **Economics**

Course Number: **441**

State Code: **2800**

Grade level: **11-12**

Credit: **1 unit**

-Economics is an elective course which deals with basic economic concepts, the free enterprise system, the individual's role as a consumer in that system and interpretations of graphs and charts.

Title: **Sociology**

Course Number: **442**

State Code: **2500**

Grade level: **10-12**

Credit: **1 unit**

-Sociology is an elective course offered to juniors and seniors. It is the study of human relationships - man's relationship to the environment. This study provides the opportunity for students to use the scientific method of research as an aid to understanding human behavior.

Title: **SAT Prep**

Course Number: **443**

State Code:

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Algebra I & English 10**

-This course is designed for students who plan to attend college. Through this course students will acquire and develop verbal and mathematical problem-solving skills. Students will become familiar with admissions tests, review skills measured by tests, be made aware of test taking tips and participate in actual test situations. A variety of methods and materials will be made available to the student in preparation for the SAT. At the conclusion of the course students will be encouraged to take the SAT.

Title: **Senior Achievement**

Course Number: **448**

State Code:

Grade Level: **12**

Credit: **1 unit**

-Senior Achievement is an elective course designed for college bound seniors. During this class students will plan, organize, and successfully complete school and community service projects. Students will research college, scholarship, and career opportunities. A minimum 2.5 GPA is strongly recommended. Twenty hours of community service will be required beyond the class day. Due to a wide range of activities, discipline history will be reviewed prior to enrollment.

## **CAREER AND TECHNICAL EDUCATION**

NOTE: Any student enrolled in a career and technical course who fails to complete the required competencies will not be awarded credit for the course and must repeat the entire course for credit.

### **BUSINESS**

NOTE: Completion of Keyboarding Applications and two of the following: Office Administration, Computer Information Systems, Desktop/Multimedia, or Accounting, signifies that the student, upon graduation, is a Business Program Completer. To be a Tech Prep Completer upon graduation, students must have completed Keyboarding Applications, Office Administration and Desktop/Multimedia. **There is a \$5.00 course fee.**

Title: **Economics & Personal Finance**

Course Number: **505**

State Code: **6120**

Grade level: **9-12**

Credit: **1 unit**

-Beginning with students entering ninth grade in fall of 2011, one standard unit of credit in Economics and Personal Finance is required for graduation with a Standard Diploma or an Advanced Studies Diploma. Students may earn this credit by successfully completing the course at any time during their high school career. Instruction in economics and personal finance prepares students to function effectively as consumers, savers, investors, entrepreneurs, and active citizens. Students learn how economics and markets operate and how the United States' economy is interconnected with the global economy. On a personal level, students learn that their own human capital (knowledge and skills) is their most valuable resource.

Title: **Keyboarding Applications**

Course Number: **512 (Course 1)**

State Code: **6152**

Grade level: **9-12**

Credit: **1 unit**

-Keyboarding Applications is offered to all students. **This is a required foundation course before taking any other business or computer course.** Keyboarding Applications is a basic communications course with emphasis on developing touch keyboarding skills to produce personal/business letters, outlines, manuscripts, and tabulated reports. The skill of touch typing and the basic business formats learned are a must in this technological communication age for speed and formal document appearance.

Title: **Office Administration**

Course Number: **513C (Course 2)**

State Code: **6621**

Grade level: **10-11**

Credit: **1 unit**

Prerequisite: **Keyboarding Applications**

-Office Administration is a course offered to students who have had Keyboarding Applications. Emphasis is placed on the development of keying various documents and office procedure skills. Units of instruction include operation of various office equipment, oral and written communication, records management, record keeping, human relations, information processing, and office career orientation.

Title: **Accounting**

Course Number: **521 (Course 2)**

State Code: **6320**

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Keyboarding Applications**

-Accounting is a course in which emphasis is placed on accounting principles, procedures, and concepts as they relate to manual or automated financial systems. Instruction integrates spread sheet and theory as this relationship is excellent preparation for both personal and business usage. *Highlights:* Cash Transactions; Charge Transactions; Cash Balancing; Petty Cash; Payroll; Returns & Discounts; Depreciation; Yearly Income Calculations; Partnership Financial Reports; Computer Practice Set.

Title: **Computer Information Systems**

Course Number: **641C (Course 2 or 3)**

State Code: **6612**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Keyboarding Applications**

-Computer Information Systems is a course designed to introduce students to the world of computers, the progress that has been made, and the effect on business and society. You will learn about software, hardware, and micro-computer technology for business applications using beginning-level word processing, spreadsheets, database, and graphics. The course is also designed to develop personal use skills for non-vocational students and college bound students. (Students need to know how to type letters, manuscripts, and tabulations from Keyboarding Applications class.) *Highlights:* Window Operations; Processing/Database/Spreadsheet; Word; Form Letters; Mouse/Keyboarding Codes; Formatting/Copying Disks; File Directories; Vocabulary; Spell Check.

Title: **Design/Multimedia & Technologies**

Course Number: **525**

State Code: **6630**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Keyboarding Applications**

-Students develop proficiency in creating desktop publications and multimedia presentations/projects using Microsoft Word, PowerPoint, Publisher, and Macromedia Dreamweaver MX 2004. Students incorporate desktop principles of layout and design in completing publications and projects, such as: newspaper articles, flyers, newsletters, brochures, magazine covers, magazine advertisements, business cards, letterhead, PowerPoint slideshows, and simple web pages. Public speaking is required in this class for all presentations and projects.

Title: **Cybersecurity Fundamentals**

Course Number: **550**

State Number: **6302**

Grade level: **10 or 11**

Credit: **1 unit**

Industry Credentialing: **Workplace Readiness**

-Cybersecurity Fundamentals focuses on the evolving technological environment with an emphasis on securing personal, organizational and national information. Students will investigate the high-skills, high wage, and in-

demand career opportunities in the field of cybersecurity. Students will learn the principles, explore emerging technologies and examine threats and protective measures. This is the foundation course to subsequent courses in Cybersecurity Software Operations, Health Informatics, Cybersecurity in Manufacturing, or Cybersecurity Systems Technologies.

## FAMILY AND CONSUMER SCIENCES

Title: **Independent Living**

Course Number: **610C**

State Code: **8219**

Grade level: **10-12**

Credit: **1 unit**

-This course allows students to explore successful strategies for living independently by actively participating in practical problem solving focusing on relating to others; applying financial literacy; managing resources in the areas of apparel, nutrition and wellness, and housing. The course also explores using leadership skills to reach individual goals, plan for careers and make consumer choices in a global environment.

Title: **Introduction to Early Childhood Education**

Course Number: **612C**

State Code: **8234**

Grade level: **10-12**

Credit: **1 unit**

-Students focus on the principles of child growth and development; development of self-concepts and building self-esteem; appreciation of diversity; learning experiences for children; principles of guiding children in a positive manner; healthy and safe environments; career development; and careers related to early childhood professionals through hands-on exploration, projects, and group learning. This course is an excellent introduction for students who plan to pursue careers that involve working with children.

Title: **Nutrition and Wellness**

Course Number: **613C**

State Code: **8229**

Grade level: **10-12**

Credit: **1 unit**

-Students enrolled in Nutrition and Wellness focus on making choices that promote wellness and good health; analyzing relationships between psychological and social needs and food choices; choosing foods that promote wellness; obtaining and storing food for self and family; preparing and serving nutritious meals and snacks; selecting and using equipment for food preparation; and identifying strategies to promote optimal nutrition and wellness of society. Critical thinking, practical problem solving, and entrepreneurship opportunities within the area of nutrition and wellness are emphasized. Teachers highlight the basic skills of mathematics, science, and communication when appropriate in content.

Title: **Basic Catering**

Course Number: **617**

State Code:

Grade level: **10-12**

Credit: **1 unit**

Prerequisite: **Family and Consumer Science courses**

-Beginning Catering is a one credit class designed to prepare students in the art of planning, arranging, preparing, and serving food and beverages at a variety of social functions, and in preparing and packaging food products. On-the-job training is provided on site in the Wigwam. *Highlights:* include cake decorating, party trays and baking.

**Title: Early Childhood Education I DC**

Course Number: **621YR**

State Code: **8285**

Grade level: **11**

Credit: **2 units/YR**

Industry Credentialing: **NOCTI Early Child Care Basic and Workplace Readiness**

- *This course fulfills the requirements for CHD 120, CHD 145, CHD 205, & EDU 235 at PDCCC.* The first year of a two year child care service program. Students develop skills and knowledge needed in working with young children through curriculum studies and on-the-job training in the Southampton High School Preschool center. Throughout this course, employment skills and knowledge of child development principles are stressed while preparing students for child care entry level jobs or for a background for students entering college to pursue careers working with children. *Student participation in tuition payment is required*

**Title: Early Childhood Education II DC**

Course Number: **622YR**

State Code: **8286**

Grade level: **12**

Credit: **2 units/YR**

Prerequisite: **Early Childhood Education I**

Industry Credentialing: **NOCTI Early Child Care Basic and Workplace Readiness**

- *This course fulfills the requirements for CHD118, CHD 146, SDV 100, CHD 210, CHD 216, & CHD 165 at PDCCC.* Students continue to develop skills necessary to work with young children after high school and gain knowledge necessary to go on to college to pursue a career working with children. During this course students plan and supervise activities in the Southampton High School Preschool Center which operates two mornings per week. *Student participation in tuition payment is required*

**Title: Culinary Arts I**

Course Number: **641YR**

State Code: **8275**

Grade level: **11**

Credit: **2 units/YR**

-Culinary Arts I is a double-credit course, the first year of a two-year culinary arts program designed to develop entry level employment as a short order cook, caterer's helper, waiter/waitress, cafeteria or lunchroom worker, chef's helper, and other food related jobs. Students participate in on-the-job training in the Southampton High School Wigwam Restaurant under the supervision of the instructor. Required uniform consists of white aprons.

**Title: Culinary Arts II**

Course Number: **642YR**

State Code: **8276**

Grade level: **12**

Credit: **2 units/YR**

Prerequisite: **Culinary Arts I**

-Culinary Arts II is a double-credit course, the second part of a two-year program. It provides in-depth instruction in skills related to food preparation, development of personal qualities for job success, and a working knowledge of employment opportunities. Emphasis is placed on acquisition of skill necessary for jobs such as cook, food service supervisor, and cafeteria or lunchroom manager. White aprons are required.

## **TRADE AND INDUSTRIAL EDUCATION**

Title: **Cosmetology I**

Course Number: **661YR**

State Code: **8527**

Grade level: **10**

Credit: **2 units/YR**

Industry Credentialing: **Workplace Readiness**

-Cosmetology I is a double-credit course, the first year of a three year program. It covers the basics; personal development, sanitation and sterilization; shampoos and rinses; the hair and its composition; finger waving, also, diseases of the skin, scalp, and hair. Students must purchase a kit for \$110.00. A smock or apron is required.

Title: **Cosmetology II**

Course Number: **662YR**

State Code: **8528**

Grade level: **11**

Credit: **2 units/YR**

Prerequisite: **Cosmetology I**

Industry Credentialing: **Workplace Readiness**

-Cosmetology II is a double-credit course, the second of a three-year program. It is an extension of Cosmetology I and includes hair coloring, hair cutting, hair relaxing, cold waving, marcel waving, and croquinole curl. A smock or apron is required.

Title: **Cosmetology III**

Course Number: **663YR**

State Code: **8529**

Grade level: **12**

Credit: **2 units/YR**

Prerequisite: **Cosmetology II**

Industry Credentialing: **Cosmetology State Board License and Workplace Readiness**

-Cosmetology III is a double-credit course which includes hair cutting, removal of superfluous hair, manicuring, and review of Cosmetology I and II to prepare the student for the State Boards. Upon successful completion of Cosmetology I, II and III (1500 hours of study), the student is eligible to take the State Board Examination for certification to open or work in a beauty salon. A smock or apron is required.

Title: **Masonry I**

Course Number: **675 (Semester)**

State Code: **8512**

Grade level: **10**

Credit: **1 units**

Industry Credentialing: **NCCRE Introductory Skills: Construction Masonry and Workplace Readiness**

-Masonry I is a single-credit semester course in which students develop the basic skills to use both hand and power tools, as well as machinery and equipment, related to brick and block masonry construction. Students focus on problem-solving and employability skills while performing entry-level brick masonry tasks.

Title: **Masonry II**

Course Number: **676YR**

State Code: **8513**

Grade level: **11**

Credit: **2 units/YR (280 hours)**

Prerequisite: **Masonry I**

Industry Credentialing: **NCCRE Introductory Skills: Construction Masonry and Workplace Readiness**

-Masonry II is a double-credit year-long course in which students further refine and expand their skills in the use of hand and power tools, as well as machinery and equipment, to construct masonry wall systems typical of the 21<sup>st</sup> century. Students may have the opportunity to experience work-based learning.

Title: **Masonry III**

Course Number: **677YR**

Grade Level: **12**

Credit: **2 units/YR (280 hours)**

Prerequisite: **Masonry II**

Industry Credentialing: **NCCRE Introductory Skills: Construction Masonry and Workplace Readiness**

-Masonry III is a double-credit year-long course in which students become familiar with and perform more advanced masonry tasks and prepare for new trends in the industry. By the conclusion of the course, students reach the apprenticeship level, with the potential for placement in a supervised apprenticeship program.

## **AGRICULTURAL EDUCATION**

Title: **Foundations of Agriculture, Food & Natural Resources**

Course Number: **681**

State Code: **8006**

Grade level: **9**

Credit: **1 unit**

Industry Credentialing: **Workplace Readiness**

-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 resource conservation. After taking this course students will choose a career pathway and begin studies in either Natural Resource/Fisheries and Wildlife Management or the Horticulture/Landscape Industry.

Title: **Introduction to Natural Resources and Ecology Systems**

Course Number: **6840**

State Code: **8040**

Grade Level: **10- 11**

Credit: **1 unit**

Prerequisite: **Foundations of Agriculture, Food & Natural Resources**

-This course serves as the introductory level course for the Natural Resources Career Pathway. Students will explore the study of natural resources and begin to develop skills and knowledge required for employment in occupations related to forestry, wildlife and natural resources management, and conservation.

Title: **Fisheries and Wildlife Management**

Course Number: **6841**

State Code: **8041**

Grade Level: **11-12**

Credit: **1 unit**

Prerequisite: **Intro. To National Resources and Ecology Systems II**

-The Fisheries and Wildlife Management course offers instruction in identification and management of wildlife and aquatics and of their habitats. Content addressing the issues related to endangered species and organizations that protect fisheries and wildlife is also included.

Title: **Horticulture Science**

Course Number: **6866**

State Code: **8034**

Grade level: **11**

Credit: **1 unit**

Prerequisite: **Foundations of Agriculture, Food & Natural Resources**

Industry Credentialing: **Workplace Readiness**

-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 operations, 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. Instruction is provided in safety practices and leadership development.

Title: **Landscaping I**

Course Number: **687**

State Code: **8036**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **Horticulture Science**

Industry Credentialing: **Workplace Readiness**

-In this course students develop the necessary knowledge, skills, habits, and attitudes for entry-level employment and advancement in areas such as landscape design, landscape construction, and landscape maintenance. They receive instruction in sketching and drawing, analyzing a landscape site, designing for function and aesthetics, identifying and selecting landscape plants, and maintaining the landscape by watering, fertilizing, mulching, pruning, and controlling pests. This course may assist the student in preparing for the following certification examinations, national assessments, or licensure examinations approved by the Virginia Board of Education:

Horticulture-Landscaping Assessment

(NOCTI)

Commercial Pesticide Applicator

Certification (Virginia Department of Agriculture and Consumer Services)

Title: **Agricultural Business Fundamentals I**

Course Number:

State Number: **8022**

Grade Level: **10/11**

Credit: **1 unit**

Students develop the necessary knowledge, skills, habits, and attitudes for employment in agricultural businesses. Emphasis is placed on personal financial management practices, consumer choices, financial records, business structures and procedures, and the economics of marketing agricultural products and services.

**Title: Agriculture Business Management III**

Course Number:

State Number: **8026**

Grade Level: **12**

Credit: **1 unit**

This course builds upon knowledge gained in Agricultural Business Foundations (8022). It provides further opportunities for the development of business procedures, employability skills, management techniques, leadership skills, and agricultural product knowledge, through student-centered instruction.

**Co-curricular Club Information:** A responsibility of being enrolled in the Agricultural Education program at Southampton is that the students are members of the FFA. The National FFA Organization's purpose is to give students enrolled in Agricultural Education the opportunity to develop their potential for leadership, personal growth, and career success. There are required dues for the Southampton FFA Chapter. They entitle the members to participate in any activity sponsored by the National and State FFA Organizations, a subscription to FFA New Horizons magazine, and participation in activities at our local FFA Chapter.

**Title: Leadership Development**

Course Number: **689**

State Code:

Grade level: **11-12**

Credit: **1/2 unit**

-This course is designed to equip students with personal and group leadership skills. Course content includes units in principles of leadership, parliamentary law, speaking in public, developing effective communication and human relation skills, developing positive public relations, using proper etiquette and group leadership. Principles of organizing and conducting group meetings and activities are also included in the instructional program. Oral reports, class discussions, and practice of procedures will reinforce the course content.

**HEALTH SCIENCES**

**Title: Nurse Aide I**

Course Number:

State Code: **8355**

Grade level: **11-12**

Credit: **1 unit**

Nurse Aide I, offered as an occupational preparation course beginning at the 11th-grade level, emphasizes the study of nursing occupations as related to the healthcare system. Students study normal growth and development, simple body structure and function, and medical terminology and are introduced to concepts of infection prevention and disease processes. They receive elementary skill training in patient-nurse aide relationships; measuring and recording of vital signs; cardiopulmonary resuscitation; and general care of the patient. Limited on-the-job instruction in nursing homes and other healthcare facilities is part of the course. This course can be used to prepare the student for Nurse Aide II so that all competencies for a certified nurse aide are met and as an introduction to careers in nursing, health professions, and STEM-H professions.

**Title: Nurse Aide II**

Course Number:

State Code: **8356**

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Nurse Aide I**

Nurse Aide II (140 Hours) is an occupational preparation course, emphasizing advanced skill training in areas such as catheter care, range of motion, bowel and bladder training, care of the dying, selected procedures for maternal and infant care, and admission and discharge procedures. Students learn diseases and body systems as related to advanced clinical care of the acute medical-surgical patient, the chronically ill, and the elderly. On-the-job instruction in a licensed nursing home is part of the course. Upon completion of the nurse aide program, the student is eligible to take the nurse aide certification exam that leads to employment as a certified nurse aide in hospitals and nursing homes.

**Title: Practical Nursing I**

Course Number:

State Code: **8357**

Grade level: **11/12**

Credit: **2 units/YR (280 hours)** This course would be offered as a double block course during Semester One

In the first semester of Practical Nursing, students will learn the fundamentals of nursing that include communication, human anatomy, body function, and nutrition, as related to patient/clients across the life cycle.

**Title: Practical Nursing II**

Course Number:

State Code: **8358**

Grade level: **11/12**

Credit: **2 units/YR (280 hours)** This course would be offered during Semester Two

Prerequisite: **Practical Nursing I**

In the second semester of Practical Nursing, instruction will focus on basic nursing skills, medical asepsis, human development across the life cycle, and an introduction to pharmacology. Students will also apply basic nursing skills in interactive settings.

**Title: Patient Care Technician**

Course Number:

State Code: **8303**

Grade level: **12**

Credit: **2 units/YR (280 hours)**

Prerequisite: **Nurse Aide II**

Patient Care Technician, offered as an occupational course after the completion of Nurse Aide at the 12th-grade level, emphasizes the study of nursing occupations as related to the healthcare system. Students study normal growth and development, simple body structure and function, and medical terminology and are introduced to microbes and disease. Upon completion of the course, students will master skills performing ECGs, basic medical, lab and exam procedures, drawing blood, and providing basic patient care. Students will be eligible to take the National Certification exams to become a Certified Phlebotomy Technician, Certified EKG Technician, and Certified Patient Care Technician.

## TECHNOLOGY EDUCATION

Title: **Introduction to Technology**

Course Number: **697**

State Code: **8482**

Grade level: **9-10**

Credit: **1/2 unit**

-Introduction to Technology is a nine week course that introduces students to the study of technology in our society. Students learn to use resources to examine and solve problems in a technology laboratory setting as they examine issues in medical technology, biotechnology, information technology, and communication technology. In addition, students will study emerging technologies to predict future technological changes in society.

Title: **Technical Drawing & Design**

Course Number: **690**

State Code: **8435**

Grade level: **10-11**

Credit: **1 unit**

Prerequisite: **Algebra I**

Industry Credentialing: **Workplace Readiness**

-Basic Technical Drawing/Design is a foundation course for students to experience the basic language of industry and technology. Students design, sketch, and make technical drawings, models, prototypes of real design problems. The course is especially recommended for future engineering and architecture students.

Title: **Engineering Drawing/Design**

Course Number: **692**

State Code:

Grade level: **11-12**

Credit: **1 unit**

Prerequisite: **Basic Technical Drawing/Design**

Industry Credentialing: **Workplace Readiness**

-Engineering Drawing/Design is an advanced drawing and design course that enables students to use a graphic language for product design, technical illustration, assembly, patent, and aeronautical drawings. It increases student understanding of drawing techniques learned in the prerequisite course. Computer aided drafting is used extensively while students adhere to established standards to solve design problems. Throughout the course, they hold seminars, meet engineers, and tour drafting offices in order to learn about the benefits of the course on their future study and career.

Title: **Architectural Drawing & Design**

Course Number: **696**

State Code: **8437**

Grade level: **12**

Credit: **1 unit**

Prerequisite: **Basic Technical Drawing/Design**

Industry Credentialing: **Workplace Readiness**

-This course provides for the students the opportunity to learn more about the principles of architecture and related drafting practices and techniques, building knowledge and skills mastered in Basic Technical Drawing. The students will produce a complete set of house plans using CAD and an architectural model during class. The class provides information useful to the homeowner and is especially beneficial to the future architect, interior designer, or home builder.

**Title: Cybersecurity Fundamentals**

Course Number:

State Code: **6302**

Grade level: 9-12

Credit: **1 unit**

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.

**Title: Cybersecurity Software Operations**

Course Number:

State Code: **6304**

Grade level: **11/12**

Credit: **1 unit**

Prerequisite: **Cybersecurity Fundamentals**

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.

## **PDCCC CAREER TECH COURSES**

**Title: Principles of Robotics**

Course Number: **694YR**

Grade level: **10-12**

Credit: **2 units/year**

-This program provides a student with an entry level knowledge of robotics, programming, problem solving and the principles of technology. Upon completion of this program, graduates possess the knowledge and skills required for entry level employment where automated control systems exist, as robot operators, as a robot technician, as a field service technician, or as a machine operator. This program is committed to preparing students to be successful in the workplace as leaders and members of a technical team. Student participation in tuition is required.

**Title: Heating, Ventilation & Air Conditioning & Refrigeration I (HVAC)**

Course Number: **665YR**

State Code: **8503 (140 hours)**

Grade level: **11-12**

Credit: **1 units**

-This program is designed for persons seeking employment in the heating, ventilation, and air conditioning field. The program emphasizes in-depth training in theory, hands-on applications and on-the-job experience. Students will learn the characteristics of refrigerants, circuit diagrams, characteristics of burners, heat pumps, and advance service techniques on a wide variety of equipment used in refrigeration, air conditioning, and phases of heating, ventilation, and controls. Upon completion of this program, graduates possess the knowledge and skills required for entry into the mechanical field as a service technician, installation technician or support staff. Student participation in tuition is required.

**Title: Electricity I**

Course Number: **671**

State Code: **8533**

Grade level: **11**

Credit: **1 unit**

Industry Credentialing: **Workplace Readiness Skills**

*-Electricity I Part A fulfills Elec 133 Practical Electricity at PDCCC.* Electricity I is a one credit class in which students develop skills in the installation, operation maintenance, and repair of residential, commercial, and industrial electrical systems. They also study electrical theory, study the National Electrical Code Book, select and install conductors, and work with panel boards, switchboards, and generators. This class is taken during the first semester of the junior year.

**Title: Electricity II**

Course Number: **672**

State Code: **8534**

Grade level: **11**

Credit: **1 unit**

Prerequisite: **Electricity I**

Industry Credentialing: **Workplace Readiness Skills**

*-Electricity II Part B fulfills Elec 134 Practical Electricity at PDCCC.* Electricity II is the first part of a two part, two credit Electricity II class in which students continue to develop skills in the installation, operation, maintenance, and repair of residential, commercial, and industrial electrical systems. They also study electrical theory and mathematical problems related to electricity, study the National Electrical Code Book, select and install conductors, examine lighting, communication, and power systems, and work with conduit and raceways, panel boards, switchboards, grounding systems, and generators. This class is taken during the second semester of the junior year.

**Title: Electricity III**

Course Number: **673**

State Code: **8535**

Grade level: **12**

Credit: **2 units**

Prerequisite: **Electricity II**

*-Electricity III Part A fulfills Elec 135 National Electrical Code: Residential at PDCCC.* Electricity III is a two credit course taken during two blocks during the senior year. In Electricity III students continue to develop skills in the installation, operation maintenance, and repair of residential, commercial, and industrial electrical systems. They also study electrical theory and mathematical problems related to electricity study the National Electrical Code Book, select and install conductors examine lighting, communication and power systems, and work with conduit and raceways panel boards, switchboards, grounding systems, and generators.

**Title: Welding**

Course Number: **695YR**

State Code: **8672**

Grade level: **12**

Credit: **2 units/year**

Industry Credentialing: **Plate Welding Certification**

*-This program provides beginning welding students with an introduction to the various types of processes, equipment and materials used in welding. Upon completion of this program, graduates possess the knowledge and skills required for entry level employment in the welding industry and for continuing to progress through other welding fields. Student participation in tuition is required.*

**Title: Firefighting I**

Course Number: 698A

State Code: 8705

Grade level: 11-12

Credit: 1 unit

Prerequisite: **Membership in a local fire department**

-This class introduces basic concepts involved in fire suppression including fire behavior, building codes built in protection systems and the life safety code. Content covers the history and philosophy of the fire service at the national, state, and local levels and analyzes the overall fire problem. It is taught by State certified fire safety instructors in conjunction with Paul D. Camp Community College. Upon completion of this course, students will earn three college credits for (FST100) which can later be applied toward an Associate in Applied Science Degree in Fire Science through the State community college system. Student participation in tuition is required.

**Title: Firefighting II**

Course Number: 698B

State Code: 8706

Grade level: 11-12

Credit: 1 unit each

Prerequisite: **Fire Science II Membership in a local fire department**

-This class introduces the fundamentals of fire fighting and the purpose of the techniques used to combat an unfriendly fire. The course explores fire behavior and basic physical and chemical laws of thermal dynamics so students may understand the quick operational decisions made on the fire ground. It is taught by State certified fire safety instructors in conjunction with Paul D. Camp Community College. Upon completion of this course, students will earn three college credits for (FST105) which can later be applied toward an Associate in Applied Science Degree in Fire Science through the State community college system. Student participation in tuition is required.

**Title: Emergency Medical Technician I**

Course Number: 699YR

State Code: 8333

Grade level: 11-12

Credit: 2 units

Prerequisite: **Membership in a local fire department**

-The EMT Course provides basic medical instruction in the initial care provided to patients in pre-hospital emergency medicine. This course is the basis of all higher levels of courses taken for State EMT certification. It is taught by State certified instructors in conjunction with Paul D. Camp Community College. *Upon completion of this course students will earn nine college credits for EMS 112, EMS 109, EMS 113, & EMS 120.* In addition to classroom instruction, students must complete ten hours of clinical internship which will be scheduled after the class begins. A physical exam within the last two years with proof of specific immunizations is required and a tuition fee will be charged. *Student participation in tuition is required.*

## FINE ARTS

Title: **Appreciation of the Arts**

Course Number: **709**

State Code: 051

Grade level: **9-12**

Credit: **1/2 unit**

-Appreciation of the Arts is open to all students. Students will learn about art history, art media, and the aesthetics of artwork. Students will be immersed in the study of art through textbook assignments as well as the completion of hands on projects.

Title: **Art I/Art Foundations**

Course Number: **711**

State Code: **9120**

Grade level: **9-12**

Credit: **1 unit**

-Art I is for students that exhibit some skill in drawing and painting who wish to improve their skills. Students in this class will learn techniques in drawing, painting, perspective, human figure drawing, and shading. Students will be required to pay a course fee.

Title: **Art II/Intermediate**

Course Number: **712**

State Code: 9130

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Art I**

-Art II is a more advance study of drawing, painting, human figure drawing, and three-dimensional construction. It is strongly recommended that students taking Art II have successfully completed Art I with a C or better and have good drawing and painting skills. Students will be required to pay a course fee.

Title: **Art III/Advanced Intermediate**

Course Number: **713**

State Code: **9140**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Art II**

-Art III students must have successfully completed Art II and be capable of drawing and painting and three dimensional constructions on a more advanced level. Students should have good skills in three-dimensional construction. Projects will include drawing, painting, clay construction, glass construction, relief design and other 3-D projects. Students will be required to pay a course fee.

Title: **Art IV/Advanced**

Course Number: **714**

State Code: 9145

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Art III**

-Art IV class is open to students that are capable of working independently and have good basic art skills in a variety or areas (human figure drawing, perspective, clay construction, three-dimensional construction, etc.) Students will be required to pay a course fee.

**Title: Photography (Semester)**

Course Number: **716**

State Code: 1215

Grade level: **11-12**

Credit: **1/2 unit**

Prerequisite: **Art I**

Photography is a class offered to upper grade level students who have taken and passed Art I. Photography is a course offered to students who want to learn about the broad range of photo-realms in art. Student will learn about digital photography and ADOBE Photoshop. Students who own a manual or digital camera are requested to bring them for use in class. Students will be required to pay a course fee.

**Title: Graphic Arts & Design I**

Course Number: **717**

State Code: 9153

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Art I with a "C" or higher**

Graphic Design is open to students who have successfully completed Art I and have an interest in digital art. Emphasis will be on using the fundamentals of art to create graphic designs. The class will focus on logos advertisements and illustrations using the computer program Abode Illustrator CS. Students will be required to pay a course fee.

**Title: Beginning Chorus**

Course Number: **732**

State Code: **9260**

Grade level: **9-12**

Credit: **1 unit**

-The chorus class is designed for students seeking an introduction to proper singing techniques and music reading. Various styles of music will be studied and performed. All performances are mandatory and will be graded. Daily participation, theory lessons, class work, and tests will also be included in the grade.

**Title: Advanced Chorus**

Course Number: **731**

State Code: **9289**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Beginning Chorus or with teacher recommendation**

-Advanced chorus is designed for students seeking a continuation and serious study of music and its functions with an emphasis on performance. A variety of repertoire will be performed and studied. Solo, duet, trio, and quartet performances in class are required for grade determination. All performances are mandatory. Daily participation, after school sectionals, theory lessons, class work and tests will also be part of the grade. Students who take this class for the full year will receive two (2) units of credit.

**Title: Beginning Band**

Course Number: **742**

State Code: 9232

Grade level: **9-12**

Credit: **1 unit**

-Beginning Band provides an opportunity for each student to play a band instrument in a group setting. Beginning Band is designed for students who have had no previous training on the instrument chosen for them.

Title: **Advanced Band**

Course Number: **741**

State Code: 9234

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Beginning Band or Audition & Recommendation of Band Instructor**

-Participation in all scheduled rehearsals and performances is required. After school activities include concerts, parades, scheduled rehearsals, and football games. There will be marching band practice beginning at the same time as fall sports practice. Students who never participated in a band program may apply by audition with the band director.

Title: **Artist Band (Fall – Marching, Spring – Concert)**

Course: **743**

State Code: **9244**

Grade level: **9-12**

Credit: **1 unit**

Prerequisite: **Beginning Band or Audition and recommendation of Band Instructor**

-Participation in all scheduled rehearsals and performances is required. After school activities include concerts, scheduled rehearsals and school programs. Students who never participated in a band program may apply by audition with the Band Director. Attendance to activities is required.

Title: **Governors School for the Arts**

Course Numbers: **751YR, 752YR, 753YR, 754YR**

Grade level: **9-12**

Credit: **3 units/YR**

-Students may specialize in dance (modern or ballet), theater, music (instrumental or vocal) or the visual arts. Classes are held on the campuses of Norfolk State University and Old Dominion University. In addition to completing an application, the student must audition for the Governor's School.

## **HEALTH AND PHYSICAL EDUCATION**

The required units for Physical Education are recommended to be completed during a student's ninth and tenth grade years. However, it is possible to take these classes at any time during the four year high school career.

All students enrolled in Physical Education will be required to have a Southampton Physical Education uniform, tennis shoes which have non-marking soles and a lock to be used in the locker room during class.

Students who opt to take the classroom phase of Driver Education in summer school or through a private driving school must also take the SHS course as part of the curriculum to satisfy the State's requirements for graduation credit.

To enroll in this course a student is recommended to be born on or before August 1, 2001. Behind the Wheel instruction is offered after school. There is a sign up procedure by which a list is created based on birthdates. Students are called for Behind the Wheel in order of oldest to youngest when an instructor is available. All Virginia Department of Education and Virginia DMV requirements are followed before a certificate (PDL 180) is awarded. Behind the Wheel may be offered during the summer school sessions, if an instructor is available.

Title: **Health Education**

Course Number: **800**

State Code: 7320

Credit: **1/2 unit**

-Modern Health assists the student in developing positive health habits and attitudes to last a lifetime. Emphasis will be on learning the connection between establishing good health habits and enjoying a longer life. Content will include effects of alcohol, smoking and drugs, nutrition, disease control and prevention, first aid, personal health and wellness, and maintaining a positive mental self-concept. This is a must take class.

Title: **Driver Education**

Course Number: **810**

State Code: 7015

Credit: **1/2 unit**

-This course is required for graduation and counts as completion towards the Physical Education units. It is also required by the Commonwealth of Virginia (DMV) with regards to a minor becoming eligible for his/her learner's permit. As a result of this, certain requirements must be fulfilled to satisfy both school and Virginia DMV regulations before a certificate of completion can be awarded. Course content will include the Va. Department of Education SOL's for Driver Education as well as the Va. DMV Driver's manual.

Title **Physical Education – Grade 9**

Course Number: **820**

State Code: 7310

Credit: **1/2 unit**

-Physical Fitness/Conditioning I is designed to teach the concepts of the history, techniques, rules, routines, and biological aspects of a wide range of weight training, aerobic training, and physical fitness practices. This is an excellent opportunity to increase individual fitness levels. Students will begin to use heart-rate monitors. The goal is for students to reach their target heart rate for 15 minutes three times a week. Students will achieve this through circuit training, cycling, running, and weight lifting. Students will also continue to be tested on the four physical fitness components.

Title **Physical Education - Grade 10**

Course Number: **821**

State Code: 7410

Credit: **1/2 unit**

Prerequisite: **PFC I**

-Physical Fitness/Conditioning II will expand on the concepts learned in Physical Fitness/Conditioning I. Students will continue to use the heart-rate monitors. The goal is for students to reach their target heart rate for 15 minutes three times a week. Students will achieve this through circuit training, cycling, running, and weight lifting.

Title: **Advanced Physical Education/Individual/Dual Sports**

Course Number: **860**

State Code: 7640

Grade level: **11**

Credit: **1/2 unit**

-Advanced Physical Education is centered on developing specialty skills in individual activities. Concentration will be on life use activities such as tennis, basketball, fitness and weightlifting. Students will use heart-rate monitors and will increase individual effort and time in their target heart-rate zones. Students will also be tested on the four physical fitness components.

Title: **Advanced Physical Education/Weight Training**

Course Number: **861**

State Code: 7650

Grade level: **9-12**

Credit: **1/2 unit**

Prerequisite: **Physical Fitness/Conditioning I & II**

-Advanced Fitness/Weight training is an excellent opportunity for student athletes to increase their individual ability levels in weight training and overall body fitness and health. Individual activities will be based on ability levels.

Title: **Adaptive Physical Education**

Grade level: **12**

State Code: 7700

Course Number: **890**

Credit: **1 unit**

Prerequisite: **2 units of Health & PE**

-Enrollment is determined annually and is open to very few seniors based on the number of handicapped students served. Applicants must be screened by and selected by the instructor. The course involves working with handicapped individuals who cannot take regular physical education. Specific requirements: to design and implement a specific exercise activity program for one handicapped student; to participate in Special Olympic readiness programs, to have a desire to continue similar work after high school through special studies. Regular attendance is a must.