

Central High School

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Victoria, VA 23974

Telephone: (434) 696.2137

College Entrance Examination Board (CEEB) Code: 472275

SAT Testing Site Code: 47900
ACT Testing Site Code: 206330

Accredited by

AdvancedEd
The Virginia Department of Education

Mission Statement

The mission of Central High School is to enable students to develop skills and attitudes to become productive citizens. To achieve this goal, we will provide relevant instruction, encourage academic excellence, promote a respect for diversity, maintain an atmosphere conducive to positive student interaction, and promote self-discipline through a structured environment.

Statement of Equality

The Lunenburg County Public Schools System provides equal opportunity for all persons in its educational programs and activities and does not discriminate on the basis of race, creed, color, national origin, age, handicap, or gender.

Administrative Staff

Mrs. John Long, Principal
Mr. Natalie Coronas, Assistant Principal
Ms. Patricia Clary, Administrative Assistant
Mrs. Edith Glidewell, Secretary
Mrs. Hollie Bailey, Bookkeeper
Mr. Earl Currin, School Resource Officer
Mrs. Shirley Hite, School Nurse

Guidance Staff

Mrs. Stephanie Powers, Guidance Chairperson/Counselor
Mrs. Tiffany Griffin, Guidance Counselor
Mrs. Anne Bailey, Guidance Secretary

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REGISTRATION GUIDELINES

1. Central High School students will select seven classes from available course offerings in the spring of the year.
2. Students wishing to enroll in Dual Enrollment courses will be required to take a readiness test and meet prerequisite requirements to determine eligibility. Student and parents are required to sign a contract for courses taken.

SCHEDULE CHANGE GUIDELINES

All requests to add or drop a course should be submitted to guidance by the 4th day of the school year. Results of schedule change requests will be based on extenuating factors such as clerical errors or teacher/administration recommendations. Once schedules have been issued, they will not be changed without the principal's written consent.

Central High School reserves the right not to offer classes that do not meet minimum enrollment requirements. Class offerings may be subject to administrative changes.

LOSS OF CREDIT

Students of Central High School may not be promoted or receive semester credit if absent from school for more than ten (10) days for each subject missed. If more than ten absences occur, the loss of semester credit will result unless the absences are covered by legitimate excuses as referred to in the Lunenburg County Policy Manual JED-R. OSS and ISS are not counted as absences in the administration of this policy.

Parent Override Procedure

Current year teachers recommend course levels for student placement for the 2017-18 school-years. If a parent would like to override a teacher recommendation, he/she must complete the following form and turn it in to the counseling office along with the student course request form.

CHS
Parent Override Form

I hereby understand that my child is not recommended by his/her current-year teacher to register for this level of class. However, I hereby request an override and that my child be placed in the class named below.

Furthermore, I understand that once my child is added to the class listed below, he/she may not be withdrawn from this class to enter a lower level course after the add-drop period has passed.

Course Name : _____

Student Name : _____

Current Grade Level : _____

Parent/Guardian Signature : _____

MANAGEMENT OF STUDENT SCHOLASTIC RECORD

The Family Education Rights and Privacy Act (FERPA) and the Code of Virginia require each local school system to adopt a written policy and establish procedures relating to the collection, maintenance, security, use disclosure, destruction, and content of the individual student scholastic record. Further, it requires the school system to notify parent and eligible students of the following:

The Lunenburg County Public School Division collects and maintains data on all individuals who have been in attendance, current and former. This information is kept in the student's scholastic record for the purpose of enhancing educational programming.

These records are kept in the school of current attendance or the school of last attendance for records of students who are the responsibility of the Lunenburg County Public Schools but have never enrolled are kept in the school board office. The building principal is responsible for the maintenance of scholastic records at the school level and the director of special programs is responsible at the school board level. From time to time, personnel of the school division review and expunge the student's scholastic record. The general rule is that data is removed from the scholastic record when it is no longer educationally relevant or five years after the student has graduated. Notification of Rights for Elementary and Secondary Schools – The Family Educational Rights and Privacy Act (FERPA) affords parents and students 18 years of age (“eligible student”) certain rights with respect to the student's education records. They are:

The right to inspect and review the student's education records within 45 days of the day the school division receives a request for access. Parents or eligible students should submit to the school principal a written request that identifies the record(s) they wish to inspect. The principal will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected. The right to request the amendment of the student's educational records that the parent or eligible students may ask the School to amend a record that they believe is inaccurate or misleading. They should write the school principal, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the school division decides not to amend the record as requested by parent or eligible student of the decision and advise them of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing. The right to consent to disclosures of personally identifiable information contained in the student's education record, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the division as an administrator, supervisor, instructor, or support staff members (including health or medical staff and law enforcement unit personnel); a person serving on the School Board; a person or company with whom the division has contracted to perform a special task (such as an attorney, auditor, medical consultant, or therapist); or a parent or student serving on an official committee, such as disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the school division discloses educational records without consent to officials of another school division in which a student seeks or intends to enroll. Students or parents of under-aged students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the School to comply with the requirements of FERPA. The name and address of the office that administers FERPA are: Family Policy Compliance Office, C/O U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-4605.

Notice for Directory Information – The Family Educational Rights and Privacy Act (FERPA), a Federal law, requires that Lunenburg County Public Schools, with certain exceptions, obtain your written consent prior to the disclosure of personally identifiable information from your child's education records. However, Lunenburg County Public Schools may disclose appropriately designated “directory information” without written consent, unless you have advised the District to the contrary in accordance with District procedures. The primary purpose of directory information is to allow the Lunenburg County Public Schools to include this type of information from your child's education records in certain school publications. Examples include:

playbill, showing your student's role in a drama production; the annual yearbook; honor roll or other recognition lists; graduation programs; and, sports activity sheets, such as wrestling, showing weight and height of team members. Directory information, which is information that is generally not considered harmful or an invasion of privacy if released, can also be disclosed to outside organizations without a parent's prior written consent. Outside organizations include, but are not limited to, companies that manufacture class rings or publish yearbooks. In addition, two federal laws require local educational agencies (LEAs) receiving assistance under the Elementary and Secondary Education Act of 1965 (ESEA) to provide military recruiters, upon request, with three directory information categories-names, addresses and telephone listings-unless parents have advised the LEA that they do not want their student's information disclosed without their prior written consent.* If you do not want Lunenburg County Public Schools to disclose directory information from your child's education records without your prior written consent, you must notify the District in writing by October 1st of the current school year. Lunenburg County Public Schools has designated the following information as directory information: student's name, telephone listing, participation in officially recognized activities and sports, address, weight and height of members of athletic teams, electronic mail address, degrees, honors, and awards received, photograph, date and place of birth, major field of study, dates and attendance, grade level, and the most recent education agency or institution attended. [*NOTE: 1. These laws are Section 9528 of the ESEA (20U.S.C. 7908), as amended by the No Child Left Behind Act of 2001 (P.L. 107-110), the education bill, and 10 U.S.C. 503, as amended by section 544, the National Defense Authorization Act for Fiscal Year 2002 (P.L. 107-107), the legislation that provides funding for the Nation's armed forces.] The policy and procedures for the Management of the Student's Scholastic Records in the Lunenburg County Public Schools is available for public review and inspection. A copy is placed at each school and in the School Board Office. Parents and eligible students have a right to obtain, upon written request, a copy of these documents at the cost of \$4.00. Notification of Rights Under the Protection of Public Rights Amendment (PPRA) - PPRA affords parents certain rights regarding our conduct of surveys, collection and use of information for marketing purposes, and certain physical exams. These include the right to:

-Consent before students are required to submit a survey that concerns one or more of the following protected areas ("protected information survey") if the survey is funded in whole or in part by a program of the U.S. Department of Education (ED)-

- Political affiliations or beliefs of the student or student's parent;
- Mental or psychological problems of the student or student's family;
- Sex Behavior or attitudes;
- Illegal, antisocial, self-incriminating, or demeaning behavior;
- Critical appraisals of others with whom respondents have close family relationships;
- Legally recognized privileged relationships, such as with lawyers, doctors, or ministers;
- Religious practices, affiliations, or beliefs of the student or parents; or
- Income, other than as required by law to determine program eligibility.

-Receive notice and an opportunity to opt a student out of-

- Any other protected information survey, regardless of funding;
- Any non-emergency, invasive physical exam or screening required as a condition of attendance, administered by the school or its agent, and not necessary to protect the immediate health and safety of a student, except for hearing, vision or scoliosis screenings, or any physical exam or screening permitted or required under state law; and
- Activities involving collection, disclosure, or use of personal information obtained from students for marketing or to sell or other distribute the information to others.

-Inspect, upon request and before administration or use=

- Protected information surveys of students;
- Instruments used to collect personal information from students for any of the above marketing, sales, or other distribution purposes; and
- Instructional material used as part of the educational curriculum.

These rights transfer from the parents to a student who is 18 years old or an emancipated minor under State law. Lunenburg County Public Schools has developed and adopted policies, in consultation with parents, regarding these rights, as well as arrangements to protect student privacy in the administration of protected information for marketing, sales, or other distribution purposes. Lunenburg County Public Schools will directly notify parents of these policies at least annually at the start of each school year and after any substantive changes. Lunenburg County Public Schools will also directly notify, such as through U.S. Mail or email, parents of students who are scheduled to participate in the specific activities or survey noted below and will provide an opportunity for the parent to opt his or her child out of participation of the specific activity or survey. Lunenburg County Public School will make this notification to parents at the beginning of the school year if the District has identified the specific or approximate dates of the activities or surveys at that time. For surveys and activities scheduled after the school year starts, parents will be provided reasonable notification of the planned activities and surveys listed below and will be provided an opportunity to opt their child out of such activities and surveys. Parents will also be provided an opportunity to review any pertinent surveys. Following is a list of the specific activities and surveys covered under this requirement: Collection, disclosure, or use of personal information for marketing, sales or other distribution. Administration of any protected information survey not funded in whole or in part by ED. Any non-emergency, invasive physical examination or screening as described above. Parents who believe their rights have been violated may file a complaint with: Family Compliance Office, C/O U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-5901.

NOTE: Anyone requiring assistance in interpretation of the above document due to disabling condition or English being a second language (SL) should contact the coordinator of Special Programs, Lunenburg County Public Schools at (434) 676-2467. Assistance will be provided.

ADVANCED STUDIES DIPLOMA

Graduation requirements effective with ninth graders in 2011-2012

Students must earn the standard units of credit described below. A **verified** unit of credit is earned by passing a course and its related Standards of Learning (SOL) test or approved substitute test.

- A student must successfully complete one virtual course, which may be non-credit bearing.

<u>Advanced Studies Diploma</u>	<u>Standard Units</u>	<u>No. of Verified Units</u>
English	4	2
Mathematics ¹	4	2
Laboratory Science ²	4	2
History and Social Sciences ³	4	2
Foreign Language ⁴	3	
Health & Physical Education	2	
Fine Arts or Practical Arts	1	
Economic and Personal Finance	1	
Electives	2	
Student Selected Test ⁵		1
Total Units	26	9

¹Courses completed to satisfy this requirement shall be at or above the level of Algebra and shall include at least three different course selections from among: Algebra I, Geometry, Algebra II, or other mathematics course above the level of Algebra II. The Board may approve additional courses to satisfy this requirement.

²Courses completed to satisfy this requirement shall include course selections from at least three different science disciplines from among: earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma. The Board may approve additional courses to satisfy this requirement.

³Courses completed to satisfy this requirement shall include U.S. and Virginia History, U.S. and Virginia Government, and two courses in either world history or geography or both. The Board may approve additional courses to satisfy this requirement.

⁴Courses completed to satisfy this requirement shall include three years of one language or two years of two languages.

⁵A student may utilize additional tests for earning verified credit in computer science, technology, career or technical education or other areas as prescribed by the Board in 8 VAC 20-131-110.

STANDARD DIPLOMA

Graduation requirements effective with ninth graders in 2011-2012

Students must earn the standard units of credit described below. A **verified** unit of credit is earned by passing a course and its related Standards of Learning (SOL) test or approved substitute test.

Students pursuing a Standard Diploma must:

- **Earn a board-approved career and technical education credential to graduate with a Standard Diploma; and**
- **Successfully complete one virtual course, which may be non-credit bearing.**

<u>Standard Diploma</u>	<u>Standard Units</u>	<u>No. of Verified Units</u>
English	4	2
Mathematics ¹	3	1
Laboratory Science ^{2&6}	3	1
History and Social Sciences ^{3&6}	3	1
Health & Physical Education	2	
Foreign Language, Fine Arts, or Career & Tech Ed	2	
Economic and Personal Finance	1	
Electives ⁴	4	
Student Selected Test ⁵		1
Total Units	22	6

¹Courses completed to satisfy this requirement shall be at or above the level of algebra and shall include at least two course selections from among: Algebra I, Geometry, Algebra II, or other mathematics courses above the level of algebra and geometry. The Board may approve additional courses to satisfy this requirement.

²Courses completed to satisfy this requirement shall include course selections from at least two different science disciplines: earth sciences, biology, chemistry, or physics. The Board may approve additional courses to satisfy this requirement.

³Courses completed to satisfy this requirement shall include U.S. and Virginia History, U.S. and Virginia Government, and one course in either world history or geography or both. The Board may approve additional courses to satisfy this requirement.

⁴Courses to satisfy elective requirements must include at least two sequential electives as required by the Standards of Quality.

⁵A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education or other areas as prescribed by the Board in 8 VAC 20-131-110.

⁶Students who complete a career and technical [education] program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (1) the student selected verified credit and (2) either a science or history or social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.

DIPLOMA SEALS

Students who demonstrate academic excellence and/or outstanding achievement may be eligible for one of the following awards:

The Governor's Seal will be awarded to students who complete the requirements for an Advanced Studies Diploma, with an average grade of "B" or better, and successfully completed college level courses (advanced placement (AP) or dual enrollment) that will earn the student at least nine transferable college credits.

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

The Board of Education's Career and Technical Education Seal will be awarded to students who earn a Standard or Advanced Studies Diploma and complete a prescribed sequence of courses in a career and technical education concentration or specialization that they choose and maintain a "B" or better average in those courses; or (i) pass an examination in a career and technical education concentration or specialization that confers certification from a recognized industry, trade or professional association or (ii) acquire a professional license in that career and technical education field from the Commonwealth of Virginia.

The Board of Education's Seal of Advanced Mathematics and Technology will be awarded to students who earn either a Standard or Advanced Studies Diploma and (i) satisfy all of the mathematics requirements for the Advanced Studies Diploma (four units of credit including Algebra II; two verified units of credit) with a "B" average or better; and (ii) either (a) pass an examination in a career and technical education field that confers certification from a recognized industry, or trade or professional association; (b) acquire a professional license in a career and technical education field from the Commonwealth of Virginia; or (c) pass an examination approved by the Board that confers college-level credit in a technology or computer science area.

The Board of Education Seal for Excellence in Civics Education will be awarded to students who satisfy each of the following four criteria:

- Satisfy the requirement to earn a Standard Diploma or an Advanced Studies Diploma; AND
- Complete Virginia and United States History and Virginia and United States Government Courses with a grade of "B" or higher; AND
- Complete 50 hours of voluntary participation in community service or extracurricular activities. Activities that would count include:
 - 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 ROTC
 - Participating in political campaigns or government internships, or Boys State, Girls State, or Model General Assembly
 - 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.

AND

- Have good attendance and no disciplinary infractions as determined by local school board policies.

The Board of Education's Seal of Biliteracy will be awarded to students who earn a Board of Education approved diploma and (i) pass all required End-of-Course Assessments in English reading and writing at the proficient or higher level; and (ii) be proficient at the intermediate-mid level or higher in one or more languages other than English, as demonstrated through an assessment from a list to be approved by the Superintendent of Public Instruction.

GRADE LEVEL CLASSIFICATION & PROMOTION GUIDELINES

<u>Grade Level</u>	<u>Requirements</u>
Grade 10	Minimum of 5 units of credit must include English 9
Grade 11	Minimum of 11 units of credit must include English 10
Grade 12	Minimum of 15 units of credit and be eligible to graduate in June.

A student's grade placement at the beginning of school in the fall will be used to determine a student's eligibility for certain events, activities, senior exam exemption status, school privileges, etc., as well as prom attendance, senior privileges, etc.

Grading

All grades will be reported in letterform.

A – 93-100
B – 85-92
C – 77-84
D – 70-76
F – Below 70

1. All grades, recorded on permanent records and report cards, are letter value without plus-minus indications. Number grades will not be used on permanent records.
2. The lowest passing grade is 70.

Grade-Point Average/Rank in Class Policy

Grade Point Averages (GPA) are calculated for all students based on student enrollment in courses and units of credits awarded for these courses. Quality points are assigned to each course grade according to the following scale:

<u>Grades</u>	<u>Normal Quality Points</u>	<u>AP & DE Classes</u>	<u>Honor Class Weights</u>
A	4.0	5.0	4.5
B	3.0	4.0	3.5
C	2.0	3.0	2.5
D	1.0	2.0	1.0
F	0.0	0.0	0.0

Weighted quality points are awarded for dual enrollment courses (DE), Governor's School courses, and all advanced placement courses (AP).

The total number of quality points is calculated by multiplying the unit of credit for each course and the quality points assigned to the final course grade and then obtaining a total of all quality points for all enrolled courses. The GPA is calculated by dividing the total quality points earned by the number of credits attempted. The GPA is calculated to the nearest thousandths of a point.

Honor graduates will be designated as those students who achieve a final grade point average of 3.9 or higher on a 5.0 weighted scale as of the end of the fourth nine weeks of the current school year.

Rank is determined by arranging the GPA values in descending order with the student with the highest GPA ranking first, the student with the second highest GPA being ranked second, etc. The final senior class rank will be calculated at the end of the fourth nine weeks of the school year.

The student with the highest GPA will be designated as Valedictorian and the student with the second highest GPA will be designated as Salutatorian.

EARLY COLLEGE SCHOLARS

The Early College Scholars program can save students thousands of dollars in tuition and interest on student loans by enabling students to earn a full semester of college credit before graduating from high school.

Students become Early College Scholars by signing an Early College Scholar Agreement. To qualify, a student must:

1. Have a “B” average or better;
2. Be pursuing an Advanced Studies Diploma; AND
3. Be completing or have completed college-level coursework (i.e. Advanced Placement or dual enrollment) equal to at least 15 transferable college credits.

Early College Scholars receive a diploma seal and certificate from the Governor recognizing their achievement. Early College Scholars may also take courses through the Virginia Virtual Advanced Placement School free of charge. More information on the programs and courses offered through the Virtual Advanced Placement School is available at the following web address:

<http://www.pen.k12.va.us/VDOE/senioryearplus/earlycollegescholars.shtml>.

Governor’s School

Highly motivated students who wish to participate in a challenging, college-level program may apply to participate in The Governor’s School of Southside Virginia. This program is for juniors and seniors. Participants attend Governor’s classes on the campus of Southside Virginia Community College in Keysville in the morning and return to CHS for their afternoon classes.

Prerequisites for admission to The Governor’s School of Southside Virginia are (1) successful completion of the tenth grade; (2) successful completion of Algebra I, Geometry, and Algebra II; and (3) demonstrated academic aptitude and achievement through a series of testing; (4) meet minimum cut score requirements on an entrance examination.

DUAL ENROLLMENT COURSES

Students must complete an application, meet minimum cut score requirements on an entrance examination, and meet the prerequisite requirements in order to be eligible for enrollment. Students who earn a grade of “F” or withdraw from any course will be required to reimburse Lunenburg County Public Schools for the cost of the course. All students enrolled in dual enrollment courses are required to purchase their own textbooks and materials. Each student should check with the college he or she plans to attend after high school to ascertain acceptance of DE credits.

Senior Project

Students will have the option to complete a Senior Project for a high school credit. Students who chose to complete a Senior Project will have the chance to design and implement a complex learning experience that represents their interests, the knowledge and skills they have gained from their years in school, and their vision for their future. While each student's work will be unique, every Senior Project must include the following five parts: Mentorship Connection – Students must work with their Mentor teacher and may also work with a community consultant. Project Proposal – Students meet with their Mentor to outline their plans for the project. Students must be prepared to defend the rigor and relevance of their planned activities. Research and Reflection essay– The essay requires the student to produce a formal, word-processed document—minimum of 6 full pages with 1” margins of text which is double spaced with 12 font size letters and an addition reference page that cites your research sources and has at least three citations within the essay. Product/Experience – The Senior Project results in the creation of a tangible, hands-on, product that demonstrates the student's acquisition and use of specific skills and knowledge and that documents their experience. This product is evidence of a student's learning and will be shared during the oral presentation. Oral Presentation – Students present their Senior Project experience before a panel of experts. Parents/guardians, relatives and/or friends may not sit on a panel; however, they may attend the presentation. An approved applied project has the following components: It demonstrates meaningful learning for the student. It reflects a career or personal interest of the student. It requires intellectual challenge for the student. It requires the guidance of a qualified mentor. It results in a tangible end product or performance. It requires a formal presentation of comprehensive knowledge.

SVCC CAREER PATHWAY PROGRAM OPPORTUNITIES FOR CHS STUDENTS

Lunenburg County Public Schools and Southside Virginia Community College (SVCC) have developed Career Pathways that are designed to prepare students for lucrative careers. The Pathways are designed to provide information, which will allow students to better prepare for the requirements of their chosen career by directing them towards the correct coursework at CHS and SVCC. Additionally, these Programs allow CHS students to receive credit at SVCC for certain courses successfully completed at CHS, saving a great deal of time and money. Students may enter SVCC having already completed a semester or more of credit toward a certificate or degree program. Currently SVCC has Career Pathway agreements in place for CHS students, which include the following areas of study:

- Administration of Justice
- Automotive Diagnosis and Tune-up
- CNA
- Emergency Medical Technician
- HVAC
- Welding
- High Performance Technology

- Additional programs may be added or dropped during the 2017-2018 year.

For information on how these programs can help you get a head start on your education and career, go to:

www.southsidetechprep.com or Contact your SVCC Career Coach or CHS Guidance Counselor

ENGLISH

1181-1183 Direct Instruction Reading **Grade Level: 9, 10, 11, 12**
Prerequisite: Individualized Testing **Credit: 1**

The Direct Instruction program is designed to increase the reading ability of the students enrolled in the course. There is a careful progression of skill development from level to level within the program. The program is designed for students that are reading below grade and demonstrate a need for remediation.

1515 Language Arts I **Grade Level: 9, 10, 11, 12**
Prerequisite: "D" or "F" in previous English **Credit: 1 Elective**

This course provides students with an opportunity to advance their reading and language skills. It is designed to specifically address study skills, test taking, vocabulary, and comprehension skills. Additional opportunities for remediation of deficient writing and grammar skills will be offered. **An End of Course Exam will be administered during this course.**

1130 English 9 General **Grade Level: 9**
Prerequisite: English 8 **Credit: 1**

English 9 emphasizes grammar, usage, sentence composition, and a variety of selections from literature, which will provide an introduction to authors of short stories, plays and poetry. The informal research project will focus on problem solving, time management, computer skills and oral communication. **An End of Course Exam will be administered during this course.**

1130 English 9 Honors **Grade Level: 9**
Prerequisite: "A" or "B" in English 8 **Credit: 1**

English 9 Honors curriculum includes advanced study of grammar, usage, sentence composition and an intensive study of literature, including literary terms and poetic forms. Emphasis will be placed on critical reading, higher-level thinking skills and analysis of selections from world literature. **An End of Course Exam will be administered during this course.**

1140 English 10 General **Grade Level: 10**
Prerequisite: English 9 **Credit: 1**

English 10 includes an intensive review of grammar and usage, which is designed to help the student achieve proficiency in speaking and writing Standard English. Composition skills will be integrated with a study of literature to include units on the short story, novel, drama, and poetry. **An End of Course Exam will be administered during this course.**

1140 English 10 Pre AP **Grade Level: 10**
Prerequisite: "B" average in a 9th grade English Honors course and a recommendation from the teacher. **Credit: 1**

English 10 Pre-AP is a college-readiness course specifically designed to provide students with the requisite skills for mastery of English language arts. Students who successfully complete this course will have the requisite analytical reading, thinking, and writing skills for successful completion of AP Language and Composition and AP Literature and Composition, and for successful completion of the Advanced Placement examinations in English language and literature. Objectives identified by the College Board Standards for College Success (CBSCS) will be met, thus providing students with language skills that exceed those measured by the SOLs. Students should anticipate a rigorous curriculum that necessitates much reading and writing outside the classroom setting. **An End of Course Exam will be administered during this course.**

1150 English 11 General**Grade Level: 11****Prerequisite: English 10****Credit: 1**

English 11 students will be exposed to a variety of reading experiences from American literature through a survey of the major literary periods and authors as well as evaluation and application of literary terms. Focus is placed on mastery of the rules of mechanics, usage, and elements of sentence structure to increase effectiveness in speaking and writing. Emphasis is placed on skills necessary for the successful completion of the English 11 Reading and Writing SOL test. **The Standards of Learning (SOL) Reading and Writing test will be administered during this course.**

1150 English 11 Honors**Grade Level: 11****Prerequisite: "C" or above in English 10 Honors or
"A" or "B" in English 10****Credit: 1**

An intensive review and required mastery of grammar and usage is evidenced through accuracy of students' speaking and writing skills. The writing of essays and a required research project encourage efficiency and understanding of prewriting, drafting, editing and revision skills in the composition process. The curriculum emphasizes a survey of works and authors from major periods in American literature, and students learn to apply literary terms to their interpretation of the author's meanings and styles. Special focus and emphasis is placed on skills necessary to successfully complete the English 11 Reading and Writing SOL tests. **The Standards of Learning (SOL) Reading and Writing test will be administered during this course.**

1196 English 11 AP**Grade Level: 11****Prerequisite: English 10 Pre-AP****Credit: 1**

The focus of Advanced Placement English Language and Composition is rhetorical analysis and argumentative writing. Students will be trained in analyzing texts for tone, purpose, syntax, rhetorical strategies, diction, and figures of speech. At the same time, students will analyze persuasive speeches and essays for their validity in reasoning and effectiveness in persuasion. Student will become skilled synthesizers of information, utilizing a variety of sources to support an assertion. One of the benchmarks of the course is the researched argumentative research paper. The course will emphasize nonfiction, since this is the genre that appears on the College Board's examination. However, novels will also be used to aid students in linguistic analysis. The desire to read and research current events will be helpful to any student enrolled in Advanced Placement Language and Composition. Advanced Placement Language & Composition is an intensive writing course that prepares students for the type of argumentative and analytical writing that is expected of them at the college level. Student work will be required outside of class time. All course requirements exceed those of the SOLs. **Students will take the AP Exam for English Language & Composition. The Standards of Learning (SOL) Reading and Writing test will be administered during this course.**

1160 English 12 General**Grade Level: 12****Prerequisite: English 11****Credit: 1**

Students will engage in a study of British literature and the development of the English language. The course emphasizes oral and written communication skills and requires the successful completion of a research paper. **An End of Course Exam will be administered during this course.**

1160 English 12 Honors**Grade Level: 12****Prerequisite: "C" in English 11 Honors
"A" or "B" in English 11****Credit: 1**

This course includes the study of selected works of British literature focusing on advanced grammar as well as literary technique form. Oral presentations, speeches, regularly scheduled book reports, and a well-documented research paper are some of the specific requirements for this course. **An End of Course Exam will be administered during this course.**

1195 English 12 AP**Grade Level: 12****Prerequisite: "B" in English 11 Honors or AP****HS Credit: 1**

This course is aligned with the curricular requirements established by College Board and provides the intellectual challenges and workload equivalent to a college level English class. It prepares students for college level critical reading and writing. **Students will take the AP Exam for English Literature & Composition. An End of Course Exam will be administered during this course.**

MATHEMATICS

3130 Algebra I General**Grade Level: 9, 10, 11, 12****Prerequisite: none****Credit: 1**

Topics covered include: real numbers, equations and inequalities, formulas, graphing, polynomials, scientific notation, factoring, systems of equations, and statistics. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

3143 Geometry General**Grade Level: 9, 10, 11, 12****Prerequisite: Algebra I****Credit: 1**

Topics covered include: lines and angles, logic, triangles, polygons and circles, three-dimensional figures, coordinate relations and transformations. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

3143 Geometry Honors**Grade Level: 9, 10, 11, 12****Prerequisite: Pass Algebra I and pass Algebra I SOL****Credit: 1**

Geometry is a one-semester course. Topics covered include: lines and angles, logic, triangles, polygons and circles, three-dimensional figures, coordinate relations and transformations. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

3134 Algebra, Functions, and Data Analysis**Grade Level: 10, 11, 12****Prerequisite: Algebra I****Credit: 1**

This course is designed for students who have successfully completed the standards for Algebra I. Students will study functions and their behaviors, systems of inequalities, probability, experimental design and implementation, and analysis of data. Data will be generated by practical applications arising from science, business, and finance. Students will solve problems that require the formulation of linear, quadratic, exponential, or logarithmic equations or a system of equations. Strengthen conceptual understandings in mathematics and further develop connections between algebra and statistics. **An End of Course Exam will be administered during this course.**

3135 Algebra II Honors **Grade Level: 10, 11, 12**
Prerequisite: Passed Algebra I & Geometry SOL **Credit: 1**

Algebra II continues with the contents from Algebra I while providing an introduction to topics in Pre-Calculus. Topics covered include: expressions and operations, relations and functions, equations and inequalities, analytical geometry, and systems of equations and inequalities. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

3162 Math Analysis Honors **Grade Level: 11, 12**
Prerequisite: "C" in Algebra II and Pass Algebra II SOL **Credit: 1**

Math Analysis involves two parts. The first part embraces the study of trigonometry from functions of the unit circle through applications of trigonometric functions. The second part involves advanced topics in algebra including polynomial functions, complex numbers, logarithmic and exponential functions, probability and analytic geometry. **An End of Course Exam will be administered during this course.**

SCIENCE

4210 Earth Science I General **Grade Level: 9, 10, 11, 12**
Prerequisite: None **Credit: 1**

This course is a laboratory-centered program that provides opportunities for individual or group work and/or special projects of interest. Introduction to Earth Science is a blend of many sciences including geology, astronomy, meteorology, and oceanography. The course will provide an understanding of basic science needed for further academic courses. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

4210 Earth Science I Honors **Grade Level: 9, 10, 11, 12**
Prerequisite: Pass 8th grade SOL and a "B" in Physical Science **Credit: 1**

Earth Science Honors is an intensive, laboratory-centered program that provides opportunities for individual or group work and/or special projects of interest. The topics of geology, astronomy, meteorology, and oceanography will be covered in one semester. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

4310 Biology I General **Grade Level: 10, 11, 12**
Prerequisite: Earth Science I **Credit: 1**

Biology I provide the student with a blend of classical and modern biology with emphasis on cellular structure and function. Topics include: the nature and continuity of life, microbiology, basic botany, classification and taxonomy, evolution, and ecology. It completes the science requirements for a standard diploma. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

4310 Biology I Honors **Grade Level: 10, 11, 12**
Prerequisite: Earth Science Honors and pass Earth Science SOL **Credit: 1**

Biology I Honors provides the student with a blend of classical and modern biology with emphasis on cellular structure and function. Topics include: the nature and continuity of life, microbiology, basic botany, classification and taxonomy, evolution, and ecology. This course is designed for the student whose desire is to receive an academic diploma. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

4330 Biology II – Anatomy Honors
Prerequisite: “B” Biology I Honors

Grade Level: 11, 12
HS Credit: 1

This is a rigorous course that begins with the structure and function of cells and tissues, and continues with the study of the body’s systems. Extensive use of the microscope and various dissections are included. Students should have received a “B” in College Prep Biology, and are strongly encouraged to have completed Chemistry. **An End of Course Exam will be administered during this course.**

4250 Earth Science II Oceanography
Prerequisite: Earth Science I

Grade Level: 11, 12
Credit: 1

In this course the theories of Earth’s structure and plate tectonics will be presented as a base on which to build the explanation of the physical features of the ocean floor. Both historical and physical geology of the ocean floor will be investigated. Students will study the physical properties of seawater, marine chemistry, marine organisms, salinity and density, circulation within the oceans, waves, currents, tides, and oceanographic instruments and research. Students are expected to use the scientific method to discover scientific principles. Laboratory experiences make up at least 50% of the instructional time and are the framework within which students can expect to study the key concepts. **An End of Course Exam will be administered during this course.**

4410 Chemistry I General
Prerequisite: Algebra II

Grade Level: 11, 12
Credit : 1

Chemistry provides basic knowledge, skills, and understanding needed for advanced study in many areas of science. The following topics are included: a mathematical review in the metric system, use of significant digits, scientific notation, measurement, development of laboratory skills, and identification of equipment, atomic theory, structure of the atom, writing chemical formulas, nomenclature, balancing equations, types of reactions, chemical structure, kinetic molecular theory, stoichiometry, gas laws and the periodic table. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

4410 Chemistry I Honors
Prerequisite: Algebra II, B or better in Biology I

Grade Level: 11, 12
Credit: 1

Chemistry provides basic knowledge, skills, and understanding needed for advanced study in many areas of science. The following topics are included: a mathematical review in the metric system, use of significant digits, scientific notation, measurement, development of laboratory skills, and identification of equipment, atomic theory, structure of the atom, writing chemical formulas, nomenclature, balancing equations, types of reactions, chemical structure, kinetic molecular theory, stoichiometry, gas laws and the periodic table. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

HISTORY AND SOCIAL SCIENCE

2215 World History and Geography I
Prerequisite: None

Grade Level: 9, 10, 11, 12
Credit: 1

World History to 1500 A.D. will have students explore the historical development of people, places, and patterns of life from ancient times until about 1500 A. D. Students will study the origins of civilizations using texts, maps, pictures stories, diagrams, and charts. Chronological skills, inquiry/research skills, and technology skills will be emphasized. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

2215 World History and Geography I Honors**Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

World History to 1500 A.D. will have students explore the historical development of people, places, and patterns of life from ancient times until about 1500 A. D. Students will study the origins of civilizations using texts, maps, pictures stories, diagrams, and charts. Chronological skills, inquiry/research skills, and technology skills will be emphasized. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

2216 World History and Geography II General**Grade Level: 10, 11, 12****Prerequisite: World History and World Geography I****Credit: 1**

This course traces the geography and civilizations of Africa, Asia, Europe, North America and South America from A.D. 1500 to present. Included within this course are the Renaissance and the Age of Discovery, the social and political ties that revolutionized western civilization and resulted in the Protestant Reformation, growth of democracy, imperialism, the Industrial Revolution and the world wars of the 20th Century. Finally, there is an examination of the problems of today that exist throughout the world. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

2216 World History and Geography II Honors**Grade Level: 10, 11, 12****Prerequisite: World History and World Geography I****Credit: 1**

This course traces the geography and civilizations of Africa, Asia, Europe, North America and South America from A.D. 1500 to present. Included within this course are the Renaissance and the Age of Discovery, the social and political ties that revolutionized western civilization and resulted in the Protestant Reformation, growth of democracy, imperialism, the Industrial Revolution and the world wars of the 20th Century. Finally, there is an examination of the problems of today that exist throughout the world. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

2360 Virginia and United States History General**Grade Level: 11, 12****Prerequisite: None****Credit: 1**

Virginia and United States History survey the events, historical figures, and achievements of the United States from the Pre-Colonial Period to the present. Special emphasis is placed on the American democratic heritage, the contributions of all ethnic groups to the development of the United States, and the role Virginia has played in American history. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

2360 Virginia and United States History Honors**Grade Level: 11, 12****Prerequisite: "C" or above in World Geography and/or World History****Credit: 1**

The curriculum for this college preparatory course is similar to VA and US History however; it is presented in a more rigorous and in depth format. **The End of Course Standards of Learning (SOL) test will be administered during this course.**

DE2950 121 US History Dual Enrollment**Grade Level: 11, 12****Prerequisite: Virginia Placement Test****HS Credit: 2 College Credit: 6**

Course covers the American historical experience from the first inhabitants of North America through the modern age. Students will touch on the major issues that have faced this nation from its beginnings to the 21st century. College reading and writing competency is required.

2440 Virginia and United States Government General **Grade Level: 12**
Prerequisite: Virginia and United States History **Credit: 1**

United States and Virginia Government provides a survey of the organization and operations of the government structures of the government structures of the United States, Virginia, and Lunenburg County. Emphasis is placed not only upon the principles of political freedom within the American government system, but also upon the nation's free enterprise economic system. A study of totalitarian systems provides a contrast with the government and economy in a democracy. Because the purpose of the course is designed to arouse interest and promote participation in current governmental affairs, contemporary happenings are emphasized to provide illustrations for textbook materials. Students' involvement activities include mock elections and cooperation with local government in Youth Government Days. **An End of Course Exam will be administered during this course.**

2440 Virginia and United States Government Honors **Grade Level: 12**
Prerequisite: "C" or above in Virginia and United States History **Credit: 1**

The curriculum is similar to VA and US Government but is more rigorous, more in depth with reading, writing, and studying. **An End of Course Exam will be administered during this course.**

2440 United States and Virginia Government Dual Enrollment **Grade Level: 12**
Prerequisite: Virginia Placement Test **HS Credit: 2 College Credit: 6**

US/VA Government Dual Enrollment is similar in content to US/VA Government but involves more reading, more library research, and more independent study. ***Students will be required to purchase the textbook(s) and/or supplemental materials used in this course.*** **An End of Course Exam will be administered during this course.**

HEALTH AND PHYSICAL EDUCATION

The Health and Physical Education Department's purpose is to provide health education, driver education, and physical education experiences to all students. Credits in Health/PE 9 and Health/PE 10 are required for graduation. The student has classroom as well as physical education experiences each nine weeks. Driver Education encompasses most of the classroom section for Health/PE 10.

7300 Health and Physical Education 9 **Grade Level: 9**
Prerequisite: None **Credit: 1**

In Health/PE 9, 50% of the semester is spent on classroom instruction on personal health and wellness, first aid, violence prevention, family life education, drug prevention, consumer health, and disease prevention. 50% of the semester is spent in physical education on areas of physical fitness, strengthening all areas of the body, team and individual sports including football, basketball, softball, volleyball, recreational games, aerobics and weight training. **An End of Course Exam will be administered during this course.**

7405 Health and Physical Education 10 **Grade Level: 10**
Prerequisite: Health & PE 9 **Credit: 1**

In Health/PE 10, 50% of the semester is spent in classroom instruction on driver education. 50% of the semester is spent in physical education on areas of physical fitness, strengthening all areas of the body, team and individual sports including speedball, softball, archery, golf, bowling, weight training and aerobics. **An End of Course Exam will be administered during this course.**

7640 Weight Training/Advanced PE I**Grade Level: 10, 11, and 12****Prerequisite: Health & PE 9**

In Advanced Physical Education/Weight Training, students will use weight-training techniques to improve muscle strength and endurance. This course is designed primarily for students who participate in one or more of the school's athletic programs. There is extensive running, use of plyometrics, and speed training as well as weight lifting. **An end of course exam will be administered during this course.**

7650 Weight Training/Advanced PE II**Grade Level: 11 & 12****Prerequisite: Weight Training/Advanced PE I****Must Participate in School Athletics**

In Advanced Physical Education/Weight Training, students will use weight-training techniques to improve muscle strength and endurance. This course is designed for students who **participate in one or more of the school's athletic programs**. There is extensive running, use of plyometrics, and speed training as well as weight lifting. We will improve upon prior knowledge and fitness levels received from Weight Training/Advanced PE I. **An end of course exam will be administered during this course.**

7660 Sports Medicine /Athletic Training I**Grade Level: 11 & 12****Prerequisite: Weight Training I and II**

The course is for motivated students who are seeking daily participation in weight training and cardiovascular fitness. In addition, the course will serve as a basic introduction into athletic training and injury prevention. Participants will gain a working knowledge of muscle groups and the exercises that compliment them, along with an understanding of how the human body benefits from cardiovascular activity.

FOREIGN LANGUAGE

Latin I and Latin II, Latin III and Latin IV**Grade Level: 8, 9, 10, 11, 12****Offered through the Virtual Virginia online - See descriptions on page 46****5510 Spanish I****Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

Spanish I is taught to encourage the student to learn to speak another language other than his/her own. Sound is learned through conversational dialogues and grammar drills. Only conversational Spanish is used during the first nine weeks to make it easier for the student to learn sounds and proper pronunciation. The course is designed to give the student a realistic view of Hispanic cultures. Films and videos are used to reinforce learning. The students will participate in an online language program, access to a computer with internet will be necessary. **An End of Course Exam will be administered during this course.**

5520 Spanish II**Grade Level: 10, 11, 12****Prerequisite: Spanish I****Credit: 1**

This course is a continuation of Spanish I emphasizing further development of skills. More emphasis is placed on reading and writing material. Some translation from English into Spanish is used. The student reads other passages from books and magazines to supplement the textbook. Readings include material in the geography, social life, and customs of Spanish-speaking countries. Grammar and conversational skills are expanded. **An End of Course Exam will be administered during this course.**

5530 Spanish III**Grade Level: 11, 12****Prerequisite: Spanish II****Credit: 1**

The Spanish III course includes a general review of the basic grammar studied in Spanish I and II. More grammatical structure is taught. The student begins to use the language more fluently by discussing reading from instructional and literary experiences. Reading selections are chosen from the textbook, other sources provided in the classroom, and from current events, which helps the student to understand the contemporary culture of the Spanish speaking countries. **An End of Course Exam will be administered during this course.**

5540 Spanish IV**Grade Level: 11, 12****Prerequisite: Spanish III****Credit: 1**

Spanish IV advances the areas of reading, listening, speaking, and writing. Reading selections are chosen from the classics in Hispanic literature with written assignments based on these readings. The aim is to conduct the entire class in Spanish; however, English is used when necessary. Listening skills are improved through aural practice using videos, tapes, movies, and other recordings. Grammar is reviewed as the need arises. **An End of Course Exam will be administered during this course.**

CAREER AND TECHNICAL EDUCATION

The Career and Technical Education Department offers sequence courses leading to job entry skills as well as courses for vocational use. In order to obtain the skill a student must participate in each course of the sequence. Skills are obtainable in the following areas: Agriculture, Business, Carpentry, Culinary Arts, JROTC, Off-Campus Dual Enrollment Courses, and Marketing Education.

AGRICULTURE

8006 Agricultural Science and Basic Plant Science I**Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

Approximately one-half of this course is devoted to agricultural mechanics, with emphasis placed on skill development in basic metals, tool fitting and cold metals, basic arc welding, sheet metal, soldering and brazing, plan reading and sketching, and hand woodworking. The remainder of the course emphasizes the development of competencies in plant sciences, rural and urban living, leadership, and resource conservation. **An End of Course Exam will be administered during this course.**

8008 Agricultural Science and Basic Plant Science II**Grade Level: 10, 11, 12****Prerequisite: Agriculture I****Credit: 1**

Agriculture II offers agricultural science and mechanics classroom instruction which includes leadership training; program planning; animal science; fertilizers and nutrients; soybean, corn, and small grain production; basic forestry practices; wood and metal preservatives; and animal nutrition. The shop experiences include shop safety, tool identification, hardware identification, basic woodworking, acetylene welding, soldering, cold metal work, basic electrical welding, and tool fitting. **An End of Course Exam will be administered during this course.**

BUSINESS

Most course offerings in the Business Department are electives and provide basic business education, including career exploration. Economics and Personal Finance, however, is a graduation requirement.

Elective offerings in this department may be taken in vocational sequence for completion of a business program. It is recommended that all students who plan to complete a business program begin by taking Keyboarding Applications as it is a prerequisite of multiple courses.

The Business program offerings are designed to meet two widely recognized goals:

- Attainment of business skills and knowledge, including career exploration for all.
- Preparation for entering business occupations and for pursuing additional education

Intensive preparation for business and office careers are available at the secondary level. Courses are provided that will enable students to investigate opportunities in business, prepare for entry and advancement on the job, develop management skills, and identify further education and training necessary within a chosen career cluster.

Minimum finisher requirements for a regular business program are as follows:

- Keyboarding prerequisite: Students successfully complete an approved keyboarding course.
AND
- Competencies required for all courses must be identified and documented.
AND
- Any two occupational courses must be taken. Occupational courses include:

Office Administration	Accounting
Computer Information Systems	Word Processing
Design, Multimedia, and Web Technologies	Advanced Accounting

6320 Accounting

Grade Level: 10, 11, 12

Prerequisite: "C" in Algebra I

Credit: 1

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

6131 Business Law

Grade Level: 10, 11, 12

Prerequisite: None

Credit: 1

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

6612 Computer Information Systems**Grade Level: 10, 11, 12****Prerequisite: Keyboarding Applications****Credit: 1**

Students apply problem-solving skills to real-life situations through word processing, spreadsheets, databases, multimedia presentations, and integrated software activities. Students work individually and in groups to explore computer concepts, operating systems, networks, telecommunications and emerging technologies. Completion of this course may prepare students for industry certifications. This course has an online element that fulfills the virtual course graduation requirement. **An End of Course Exam will be administered during this course.**

6632 Design, Multimedia, and Web Technologies**Grade Level: 10, 11, 12****Prerequisite: Keyboarding Applications****Credit: 1**

Students develop advanced skills for creating desktop-published, interactive multimedia, and Web-site projects. Students work with sophisticated hardware and software, applying skills to real-world projects. **An End of Course Exam will be administered during this course.**

6120 Economics and Personal Finance**Grade Level: 10, 11, 12****Prerequisite: None****Credit: 1**

Students learn how economies and markets operate and how the United States economy is interconnected with the global economy. Additionally they learn how to navigate the financial decisions they must face and to make informed decisions relating to career exploration, budgeting, banking, credit, insurance, spending, financing postsecondary education, taxes, saving and investing, buying/leasing a vehicle, and living independently. They also learn the importance of investing in themselves in order to gain the knowledge and skills valued in the marketplace. Development of financial literacy skills and an understanding of economic principles will provide the basis for responsible citizenship, more effective participation in the workforce, and career success. The course incorporates all economics and financial literacy objectives included in the Code of Virginia §22.1-200-03B. This course has an online element that fulfills the virtual course graduation requirement. Students are also required to take the Wise Financial Literacy certification examination at the end of the course. A passing score on this certification may be used to fulfill the Industry Certification graduation requirement. **An End of Course Exam will be administered during this course.**

6670 Information Technology (IT) Fundamentals**Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

Information Technology (IT) Fundamentals introduces the essential technical and professional skills required for students to pursue programs leading to professional careers and IT certifications. Students investigate career opportunities and technologies in four major IT areas Information Services and Support, Network Systems, Programming and Software Development, and Interactive Media. Students will evaluate the impact of IT on other career clusters. The focus of the IT Fundamentals course is the introduction of skills related to information technology basics, Internet fundamentals, network systems, computer maintenance/upgrading/troubleshooting, computer applications, programming, graphics, Web page design, and interactive media. Students explore ethical issues related to computers and Internet technology and develop teamwork and communication skills that will enhance their employability. **An End of Course Exam will be administered during this course.**

6152 Keyboarding Applications**Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

This course is designed for secondary school students to develop and enhance touch skills for entering alphabetic, numeric, and symbol information on a keyboard. Students compose and produce a variety of personal, educational, and professional documents. **An End of Course Exam will be administered during this course. This course is required for students planning to take Computer Information Systems, Design Multimedia and Web Technologies or Word Processing.**

6621 Office Administration**Grade Level: 10, 11, 12****Prerequisite: Keyboarding Applications****Credit: 1**

Students enhance word processing and communication skills as they develop competencies needed by administrative support professionals. Students study office procedures, information processing, telecommunications, electronic records management, and financial records management. **An End of Course Exam will be administered during this course.**

6625 Word Processing**Grade Level: 10, 11, 12****Prerequisite: in Keyboarding Applications****Credit: 1**

Students develop intermediate to advanced level word processing skills using a variety of software functions, including graphics, desktop publishing, and telecommunications. Students gain competence integrating other applications such as databases and spreadsheets into word processing activities. Classroom experiences also provide for skill development in communication. Completion of this course may prepare students for industry certifications. **An End of Course Exam will be administered during this course.**

CARPENTRY**8601 Carpentry I****Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

During twelve-week periods the student will be exposed to the occupational analysis of brick masonry, carpentry, and basic home electricity. Emphasis is placed on the knowledge and recognition of tools and how they are properly handled. The major points stressed are the promotion of high trade ethics, cleanliness, honesty, and the safety regulations within a shop. The student participates in the discussion of the fundamentals of building construction. Instruction includes various parts of building and figuring of a bill. Class instruction includes the fundamentals of house planning and the actual drawing of a small house is produced. The student performs basic wiring circuit systems. The student will be required to complete a 10 hr. OSHA class. **An End of Course Exam will be administered during this course.**

8602 Carpentry II**Grade Level: 10, 11, 12****Prerequisite: Carpentry I****Credit: 2**

This yearlong course is the second in the job entry skill area of carpentry. Emphasis is placed on the history of brick masonry, carpentry, and electrical wiring. The student is required to design and construct the framework for the interior and exterior of a house. The student is required to perform basic fundamental electrical house wiring. The student is required to complete a 10 hr. OSHA class. Ample opportunity is offered for the student to design and construct various projects stressing safety in the use of tools and materials. **An End of Course Exam will be administered during this course.**

8603 Carpentry III**Grade Level: 11, 12****Prerequisite: Carpentry II****Credit: 2**

This yearlong course is the last in a sequence to develop skill in the carpentry area. It is the responsibility of the student to master hand manipulative skills and to develop skills in the proper care and use of tools and equipment being used in the fields of finish carpentry, basic electricity, and carpentry. The student has the opportunity to design and construct various projects using the knowledge and skills gained throughout the entire carpentry sequence. The student is required to complete a 10 hr. OSHA course. **An End of Course Exam will be administered during this course.**

CULINARY ARTS**8229 Nutrition & Wellness****Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

Students enrolled in Nutrition and Wellness focus on understanding wellness, investigating principles of nutrition, using science and technology in food management, ensuring food safety, planning menus and preparing food, and exploring careers in the field of nutrition and wellness. Critical thinking and practical problem solving are emphasized. **An End of Course Exam will be administered during this course.**

8275 Culinary Arts I**Grade Level: 10, 11, 12****Prerequisite: Nutrition & Wellness****Credit: 2**

The Culinary Arts I curriculum provides students with the foundations for a comprehensive knowledge of the food service industry and with opportunities to build technical skills. Students examine and practice basic rules and procedures related to kitchen and food safety, kitchen sanitation procedures, and emergency measures. Students explore the purchasing and receiving of goods and study fundamental nutritional principles and guidelines. As they explore food-preparation techniques, students practice strong emphasis on science and mathematics knowledge and skills. **An End of Course Exam will be administered during this course.**

8276 Culinary Arts II**Grade Level: 11, 12****Prerequisite: Culinary Arts I****Credit: 2**

The Culinary Arts II curriculum provides students with continuing opportunities to acquire a comprehensive knowledge of the food service industry as well as to expand their technical skills. Students practice kitchen safety and sanitation, apply nutritional principles to food preparation and storage, perform a wide range of more advanced food-preparation techniques including grade manger and baking, refine their dining room serving skills, develop menus, perform on-site and off-site catered functions, and strengthen their business and math skills. The curriculum continues to place a strong emphasis on science and mathematics knowledge and skills. **An End of Course Exam will be administered during this course.**

MARKETING EDUCATION

8110 Marketing Education I

Grade Level: 10, 11, 12

Prerequisite: Verified interest in Marketing Occupations

Credit: 1

Marketing Education I is the basic elective course offered in the three-year marketing education occupational program. The course is designed to provide students with the competencies needed for successful entry-level employment in marketing occupations. It equips students with the social, economic, marketing, and job search competencies necessary for successful initial employment in retail, wholesale, or service businesses. **An End of Course Exam will be administered during this course.**

8120 Marketing Education II

Grade Level: 11, 12

Prerequisite: Marketing Education I

Credit: up to 3

This is the second-year course in the General Marketing program. The course provides students with instruction that enables them to obtain and succeed in their chosen marketing occupation. Students combine classroom instruction with a minimum of 396 hours of continuous supervised on-the-job training during the school year in a local marketing business—an average of 10 hours of work per week for 36 weeks, all of which is planned, supervised and documented by the marketing education coordinator. On-the-job training during summer months also may be counted toward the 396 hours, if supervised by the ME coordinator with a training plan. Students concentrate on developing competencies needed by distributive workers in the areas of selling, advertising, display, operations, and product/service technology. The competencies taught in Fundamentals of Marketing are considered essential for entry into this course. **An End of Course Exam will be administered during this course.**

8130 Marketing Education III

Grade Level: 12

Prerequisite: Marketing Education II

Credit: up to 3

Marketing Education II is the third-year course in the General Marketing program. The course enables students completing Marketing I and II to develop competencies needed to advance in full-time employment in marketing and distribution. Students develop advanced competencies in several of the same areas studied in Marketing I or II and, in addition, develop basic competencies in the areas of sales promotion, merchandising, market research, and management. Students combine classroom instruction with a minimum of 396 hours of continuous supervised on-the-job training during the school year. **An End of Course Exam will be administered during this course.**

8130 Marketing Coop

Grade Level: 11, 12

Prerequisite: Marketing Education II

Credit: up to 3

Marketing Education II is the third-year course in the General Marketing program. The course enables students completing Marketing I and II to develop competencies needed to advance in full-time employment in marketing and distribution. Students develop advanced competencies in several of the same areas studied in Marketing I or II and, in addition, develop basic competencies in the areas of sales promotion, merchandising, market research, and management. Students combine classroom instruction with a minimum of 396 hours of continuous supervised on-the-job training during the school year. **An End of Course Exam will be administered during this course.**

OFF-CAMPUS DUAL ENROLLMENT COURSES

8710 Automotive Service Technology I **Grade: 11, 12**
Prerequisite: Virginia Placement Test & Signed Contract **HS Credit: 4 College Credit: up to 20**

Students learn to repair fuel, electrical, cooling, brake, drive train, and suspension systems. Instruction is given also in the adjustment and repair of individual components and systems such as radiators, transmissions, and carburetors.

8710 Automotive Service Technology II **Grade: 11, 12**
Prerequisite: Virginia Placement Test & Signed Contract **HS Credit: 4 College Credit: up to 20**

Students learn to repair fuel, electrical, cooling, brake, drive train, and suspension systems. Instruction is given also in the adjustment and repair of individual components and systems such as radiators, transmissions, and carburetors.

8333 Emergency Medical Technician-Basic **Grade Level: 11, 12**
Prerequisite: Virginia Placement Test & Signed Contract **HS Credit: 6 College Credit: 15**

Prepares student for certification as a Virginia and National Registry EMT-Basic. Includes all aspects of pre-hospital basic life support as defined by the Virginia Office of Emergency Medical Services curriculum for Emergency Medicine Technician Basic. **An End of Course Exam will be administered during this course.**

8425 High Performance Technology I **Grade: 11, 12**
Prerequisite: Verified credit in Algebra I **HS Credit: 8 College Credit: 24**
and be taking or already have taken Geometry

Of the three units of high school credit, students will earn 1 unit of credit for Principles of Technology I, 1 unit of credit for Electronic Systems I, and 1 unit of credit for High Performance Manufacturing I. Electronic Systems I includes instruction in both electricity and electronics. **An End of Course Exam will be administered during this course.**

8427 High Performance Technology II **Grade: 12**
Prerequisite: Satisfactory completion of **HS Credit: 8 College Credit: 24**
High Performance Technology I

Of the three units of high school credit, students will earn 1 unit of credit for Principles of Technology II, 1 unit of credit for Electronic Systems II, and 1 unit of credit for High Performance Manufacturing II. Students who satisfactorily complete Principles of Technology II will earn the equivalent of 1 unit of credit physics. **An End of Course Exam will be administered during this course.**

8360 Nurse Assistant **Grade Level: 11, 12**
Prerequisite: Virginia Placement Test & Signed Contract **HS Credit: 4 College Credit: 11**

Nurse Assistant is designed to prepare students for the state Nurses Aide examination. In this course students learn how to provide basic care services to patients who are unable to fully care for themselves. **An End of Course Exam will be administered during this course.**

Welding**Grade Level: 11, 12****Prerequisite: Virginia Placement Test & Signed Contract****HS Credit:6 College Credit: 24**

The welding program at Southside Virginia Community College prepares students for careers as welding engineers, manufacturing engineers, application engineers, sales engineers, and project engineer or manager. The program focuses on applying technical knowledge and skills to join or cut metal surfaces. Students are expected to pass a safety and hands on test at the end of Welding 120 (Introduction to Welding) in order to continue in the program. A Career Studies Certificate may be earned upon one year completion.

ROBOTICS**8421 Technology of Robotic Design****Grade: 10, 11,12****Prerequisite: None****Credit: 1**

Students engage in the study of computers and microprocessors and their applications to manufacturing, transportation, and communication systems. Topics include computer equipment and operating systems, robotics, programming, control systems, and social/cultural impact of these technologies. Problem-solving activities challenge students to design, program, and interface devices with computer systems. Learning activities include robotics, computer-aided design, computer-aided manufacturing and design, and control of electromechanical devices.

FINE ARTS**9120 Art I/Art Foundations****Grade Level: 9, 10, 11, 12****Prerequisite: None****Credit: 1**

This course offers a hands-on approach to basic art skills. Students will explore the use of various materials and techniques and begin to build an art vocabulary. The art elements and principles are applied throughout the course. Students will be required to maintain a sketchbook. **An End of Course Exam will be administered during this course.**

9130 Art II**Grade Level: 10, 11, 12****Prerequisite: Art I****Credit: 1**

Art II students expand their knowledge of drawing and painting techniques. Students will concentrate on advanced drawing and painting techniques, with emphasis on watercolor, perspective drawing and printmaking. Students will continue to extend his or her art vocabulary. Students will use this vocabulary as they analyze and critique works of art, as well as, their own artwork. Students will continue to maintain a sketchbook of assignments, as well as begin to use the sketchbook as a journal of ideas that demonstrate concepts and personal research. **An End of Course Exam will be administered during this course.**

9140 Art III**Grade Level: 11, 12****Prerequisite: Art II****Credit: 1**

Art III students will further expand their drawing and painting knowledge to include many different mediums and techniques. Students will analyze various art styles and periods of art and continue to build on their art vocabulary; understanding the terms and concepts as the information relates to their own work. Students begin to develop an individual portfolio and assist in presenting and displaying works of art for show. Students will continue to maintain their sketchbooks with class assignments as well as

personal reflections, collections and thoughts. **An End of Course Exam will be administered during this course.**

9145 Art IV**Grade Level: 12****Prerequisite: Art III****Credit: 1**

Art IV students will continue to build their confidence in various art techniques, often creating with mediums of their choosing. The students will demonstrate confidence and advanced skill in use of medium, processes and craftsmanship. Students will continue to create and choose their best works of art for presentation in individual portfolios as well as for display in shows and contest. The sketchbook will contain mostly self-directed creative research in addition to some teacher assignments. The sketchbook is intended to be a working journal of ideas prior to the creation of actual art assignments. **An End of Course Exam will be administered during this course.**

9147 Art V Honors**Grade Level: 12****Prerequisite: Art IV****Credit: 1**

Art V is intended for students planning to further their involvement in the arts at the next level. Students planning on majoring or adding a minor in Art in college often need a semester to prepare an official portfolio. A portfolio is often required by colleges and universities before gaining admittance. Students will work with the teacher to determine the specific projects necessary for the particular college or university they wish to attend. **An End of Course Exam will be administered during this course.**

9234 Band**Grade Level: 9, 10, 11, 12****Prerequisite: Successful Audition****Credit: 2**

The concert band is made up of players at an intermediate level. The goal of this group is to develop fundamental skills of music of performance and learn music that enhances the overall performance level of the ensemble. Auditions are held in May. Knowledge of most major scales and the chromatic scale is required plus proficiency in sight-reading. Seating placement is held regularly during the year. Activities include marching band, preparation for winter and spring concerts, State Concert Festivals, State marching Festival, and District Auditions. Members are required to be present at all rehearsals and performances. **An End of Course Exam will be administered during this course.**

9260 Chorus**Grade Level: 9, 10, 11, 12****Prerequisite:****Credit: 2**

This 2 semesters or yearlong course is designed to give the experience of choral performance to students looking for personal enrichment through singing as a group or as an individual. Through fundamentals of singing- theory, history, mechanics, and sight/ear training – the student will be able to build a foundation of skills that will enable them to be successful in choral performances, other core subject classes, as well as their personal life. Four to six evening and/or weekend performances may be required per year. Opportunities to participate in choral extracurricular activities are available. Since this is a performance-based class, attendance in class and performances is mandatory. Credit will not be granted for membership in Chorus unless the student is enrolled in Chorus class. **An End of Course Exam will be administered during this course.**

5149 Musical Theatre and Production**Grade Level: 9, 10, 11, 12****Prerequisite:****Credit: 1**

An introduction to the nature of theatre as a performing art. Students study selected plays from the perspectives of actors and directors, and the strategies of playwrights to develop the ability to imagine the play in performance and to appreciate the range of theatre's possibilities. Students will learn all aspects of performing as well as the technical part of Theatre.

Students will be able to help develop, rehearse and organize a one-act play in class. Students will also be assisting with the annual One-Act play competition and the Spring musical. Students may be asked to stay after school for rehearsals outside of class.

9190 Photography I**Grade Level: 9, 10, 11, 12****Prerequisite: None; Purchase of a camera is required****Credit: 1**

This course provides students with the opportunity to learn Digital Photography with an introduction to darkroom photography. Students learn how to take quality photographs with their own digital camera and learn digital altering techniques. Emphasis is placed on photographic design principles. **An End of Course Exam will be administered during this course.**

9191 Photography II**Grade Level: 10, 11, 12****Prerequisite: "B" in Photography I; Purchase of a camera is required****Credit: 1**

This course builds on fundamentals covered in Photography I. Students learn basic darkroom techniques for using a 35-mm camera and for processing photographs. Students will continue using digital cameras and continue to employ design techniques in their photographs. **An End of Course Exam will be administered during this course.**

9192 Photography III**Grade Level: 11, 12****Prerequisite: "B" in Photography II; Purchase of a camera is required****Credit: 1**

During Photography III, students will work independently on a large photo theme project. They will also complete written research on the theme to accompany the photographs. Digital photographs and techniques are used as well. Hand-painting and Sepia techniques will also be introduced in this course. Students will master the use of filters on the camera as well as the enlarger. **An End of Course Exam will be administered during this course.**

1215 Yearbook I**Grade Level: 9, 10, 11, 12****Prerequisite: Photography course or experience recommended****Credit: 1****Teacher Recommendation Required: English, Business or Photography**

Students will be introduced to the basics principles of yearbook production including journalistic writing, reporting, design, and marketing. Students will be required to participate in book production under the guidance of an experienced yearbook student. **An End of Course Exam will be administered during this course.**

1216 Yearbook II**Grade Level: 10, 11, 12****Prerequisite: Yearbook I****Credit: 1**

This course builds on skills established in Yearbook I. Students will write, edit, and report information for publication. Layout and design skills will be mastered through practical application. **An End of Course Exam will be administered during this course.**

1217 Yearbook III**Grade Level: 11, 12****Prerequisite: Completed sequence of Yearbook I and II,****Credit: 1****Adviser must approve**

Participants in the class will be advanced staff members of the yearbook. Students must show proficiency in layout/design, advertising, writing, photography, and sales. Skills acquired in Yearbook I and II will be expanded and refined. Students' responsibilities include copyediting, photography, writing, yearbook sales, advertising, and meeting publication deadlines. Students will also be involved with extensive computer design layout programming and will have a marketable skill upon graduation. **An End of Course Exam will be administered during this course.**

Yearbook IV**Grade Level: 12****Prerequisite: Completed sequence of Yearbook I, II, and III****Credit: 1****Adviser must approve**

Participants in the class will be advanced staff members of the yearbook. Students must show proficiency in layout/design, advertising, writing, photography, sales, organizational skills, and management. Students will take on editorial and supervisory roles. Students' responsibilities include copyediting, photography, writing, yearbook sales, advertising, meeting publication deadlines, and training new staff members. Students will also be involved with extensive computer design layout programming and staff management, and will have a marketable skill upon graduation. **An End of Course Exam will be administered during this course.**

VIRTUAL VIRGINIA and/or ADVANCED PLACEMENT SCHOOL COURSE DESCRIPTIONS

9151 AP Art History**Online**

Prerequisites: High degree of commitment to academic work and prior success in other courses such as history and literature and in any of the other studio arts.

The AP offering in Art History is designed to provide the student with an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is the fundamental tool of the art historian, art history also emphasizes understanding works in context, considering such issues as patronage, gender, and the functions of and effects of works of art.

4370 AP Biology**Online**

Prerequisites: Completion of at least two laboratory sciences to include Biology I and Chemistry I with a grade of "B" or better in both courses and successful completion of Algebra and Geometry.

Advanced Placement Biology is designed to be the equivalent of a first year introduction college biology course. AP Biology is designed for students who have successfully completed foundation courses in biology and chemistry. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Primary emphasis of the course is on developing an understanding of concepts rather than on memorizing terms and technical details.

3177 AP Calculus AB**Online**

Prerequisites: Four years of secondary mathematics including courses in which algebra, geometry, trigonometry, analytic geometry, and elementary functions are taught. These functions include those that are linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piece-

wise defined. In particular, before studying calculus, students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. An understanding of the language of functions (domain and range, odd and even, periodic, symmetry, zeros, intercepts, and so on) is essential. The values of trigonometric functions and their common angles (0, $\pi/6$, $\pi/4$, $\pi/3$, $\pi/2$...) must be known.

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

4470 AP Chemistry **Online**

Prerequisites: Algebra II. The College Board strongly recommends AP Chemistry as a second-year course following the usual introductory chemistry course.

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

2450 AP Government & Politics: Comparative **Online**

Prerequisites: U.S. History or World History

Students are introduced to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate the importance of global political and economic changes. Six countries form the core of the AP Comparative Government and Politics course: China, Great Britain, Mexico, Nigeria, and Russia. In addition, Iran will be included as time allows. This course does NOT substitute for U.S. Government under the Virginia Standards of Learning.

2445 AP Government and Politics: U.S. **Online**

Prerequisites: Students enrolled in AP Government should exhibit above average knowledge concerning historical and political events. Students should have earned an overall "B" average in related history and geography courses.

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. The course will cover these basic areas:

- Constitutional Basis
- Political Beliefs and Behaviors
- Political Parties, Interest Groups, and Mass Media
- Institutions of National Government
- Public Policy
- Civil Rights and Civil Liberties

1195 AP English Literature & Composition **Online**

Prerequisites: Students enrolled in AP English should enjoy reading and must exhibit an advanced vocabulary and knowledge of the mechanics of language. Students must have a strong background in history, display an interest in current events, show initiative and demonstrate the ability to work independently. An overall average of at least a "B" in previous English classes is required.

AP English is designed to challenge the student's ability to think critically, to synthesize literature, and to write effectively. The course will emphasize British literature, but will include literary works from many countries. In addition, information concerning cultural, historical, philosophical, and psychological backgrounds will be addressed. The genres will include epics, dramas, novels, and a major focus on poetry. AP English will refine and improve writing styles. During the first half of the course, special attention will center on personal and critical essays. The course's writing unit design will focus on these areas: thesis statements, proof paragraphs, transitions, epiphanies, parallelism, paragraph unity and coherence, and common mechanical errors. Students will analyze literature independently and will correlate concepts with literary backgrounds. In addition, each student will prepare a research paper using the current MLA standards. The AP English course will prepare students for the College Board Advanced Placement Exam through curriculum and similar testing procedures.

1196 AP English Language and Composition **Online**

Prerequisites: Strong language and writing skills

AP English Language and Composition will train students to become skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts. Students will become skilled writers who compose for a variety of purposes. Students will be prepared to take the AP English Language and Composition exam. This intensive writing course emphasizes coherent organization, logical thought development, and effective uses of language, which lead to the overall success of this course. Students will engage in peer reviews and writing workshops. The end of course project is an online writing portfolio.

2399 AP European History **Online**

Prerequisite: World History I/English, grade of B or better

The study of European history since 1450 A.D. introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, goals of the course are to develop a) an understanding of some of the principal themes in modern European history, b) an ability to analyze historical evidence and historical interpretation, and c) an ability to express historical understanding in writing. Summer assignments are required. Students taking this course are required to take the Advanced Placement Exam.

2212 AP Human Geography **Online**

Prerequisites: World Geography or World History

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will study diverse peoples and areas organized around concepts that include location and place, scale, pattern, spatial organization, and regionalization. They will also learn about the methods and tools geographers use in their science and practice.

5370 AP Latin Literature **Online**

Prerequisites: High degree of commitment to academic work. Completion of Latin I, II, and III.

The AP Latin Literature offering requires students to be able to translate accurately from Latin into English the poetry or prose they are reading and to demonstrate a grasp of grammatical structures and

vocabulary. Stylistic analysis is an integral part of the advanced work in AP Latin Literature. Students will study the poetry of Catullus paired with selections from Cicero, Horace or Ovid. Students will be able to read and understand Latin poetry and prose at sight and will be able to understand and analyze passages from these authors.

4570 AP Physics B

Online

Prerequisites: Algebra II, Math Analysis or Trigonometry. The College Board strongly recommends Physics B as a second-year course following the usual introductory physics course. TI-84 Plus, TI-83 or TI-83 plus calculator. Read "Getting Started" and chapter 1 in the TI Guidebook before your course starts.

AP Physics B is a non-calculus survey course covering five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. Students will gain an understanding of physics' core principles and then apply them to problem-solving exercises. They'll learn how to measure the mass of a planet without weighing it, find out how electricity makes a motor turn, and learn how opticians know how to shape the lenses for glasses. The equivalent of an introductory college-level course, AP Physics B prepares students for the AP Exam and for further study in science and engineering.

2902 AP Psychology

Online

Prerequisites: Strong language and writing skills.

AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think the process of human development and human aggression, altruism, intimacy, and self-reflection. They'll study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of a 100-level college survey course, AP Psychology prepares students for the AP Exam and for further studies in psychology and life sciences.

5570 AP Spanish Language

Online

Prerequisite: 3-4 years of Spanish or equivalent native fluency

AP Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply lessons in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of all verb forms and tenses. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP Exam and for further study of Spanish language, culture, or literature.

Required materials: Microphone/headset, speakers/headphones and a Spanish language dictionary

2319 AP U.S. History

Online

Prerequisites: Students enrolled in AP U.S. History should exhibit above average knowledge concerning historical subjects and should have performed well in lower level history courses and related fields.

AP U.S. History is designed to develop the analytical skills and factual knowledge necessary to deal critically with the problems and materials concerning the history of the United States. The class prepares students for intermediate college courses by demanding skills equivalent to those acquired in a full-year introductory college program. Students will learn to assess historical material according to relevance, reliability, and importance by weighing the evidence presented in historical scholarship. AP U.S. History develops the skills necessary to arrive at conclusions based on informed judgment and the ability to present evidence clearly and persuasively in essay format. This course includes materials from discovery and settlement to present day America.

2380 AP World History

Online

Prerequisites: Students enrolled in AP World History should exhibit above average knowledge concerning historical and political events. Students should have earned an overall "B" average in related history and geography courses.

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. There are six course themes to be covered:

The impact of interaction among major societies and regions.

The relationship of change and continuity across the world history periods.

The effects of technology, economics, and demography on people and the environment.

Systems of social structure and gender structure.

Cultural, intellectual and religious developments and interactions among and within societies.

Changes in functions and structures of states and attitudes toward states and political identities including the emergence of the nation-state.

5310 Latin I

Online

Prerequisites: Latin is suggested for students in grades 7 – 12.

Students begin to develop the cultural understanding and linguistic performance skills necessary to experience the culture of the classical world. Students will gain greater perspective of the present by examining the culture and language of the Romans in areas such as history, government, literature, art, architecture, literature, art, architecture, dents begin to understand the impact of Ancient Rome on the present, English vocabulary skills and an understanding of the structure of the language begin to develop. Students are encouraged to find examples of Roman culture, mythology, and language still being used in our modern world.

5320 Latin II

Online

Prerequisites: Latin is suggested for students in grades 7 – 12. Students in Latin 2 should have successfully completed Latin I and have a desire to further their Latin studies.

Second year Latin students will finish mastering the basic corpus of Latin grammar and begin reading actual grammar and begin reading actual authors. Readings will be integrated with the study of cultural and historical topics. Topics will include Roman pastimes, religious customs, Roman history, the fall of the Republic, and the collapse of the Participate in the West.

5330 Latin III

Online

Prerequisites: Latin is suggested for students in grades 7 – 12. Students in Latin 3 should have successfully completed Latin 2 and have a desire to further their Latin studies.

Building upon lessons from Latin II, this course continues to develop the linguistic skills of the language, an understanding of the history of the Greco-Roman civilizations, and an appreciation of the cultural developments of the classical world. Students will expand their knowledge of Latin grammar, strengthen their comprehension and translation skills, enhance their oral and written language, and enrich their English vocabulary. Additionally, students will increase their awareness of the contributions of classical civilization to the Western world and broaden their perspective on life and language.

5340 Latin IV

Online

Prerequisites: Latin is suggested for students in grades 7 – 12. Students in Latin IV should have successfully completed Latin II, Latin III and have a desire to further their Latin studies.

Continuing the exploration of Latin literature and culture, students explore various literary styles and become acquainted with several Latin authors through a survey of Latin literature, a review of major

grammatical forms, and continued study of English derivatives. This course will prepare students for the AP Latin: Virgil course. Students who are enrolled in a Virtual Virginia World Language course will be required to take a nationally recognized examination in their language as part of this course. Student work will be required outside of class time.

3162 Pre-Calculus/Mathematical Analysis

Online

Prerequisites: Algebra I, Algebra II and Geometry. A strong understanding of Algebra II is necessary.

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

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

2803 AP Macro Economics

Online

OR in combination with Microeconomics as a yearlong online class

Prerequisites: None

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They' will also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP Exam and for further study in business, political science and history.

2802 AP Micro Economics

Online

OR in combination with Macroeconomics as a yearlong online class

Prerequisites: None

AP Micro Economics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP Exam and for further study in business, history, and political science.

1165 World Mythology

Online

Prerequisites: Students should display an interest and aptitude in social studies and literature. Strong writing skills are important.

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

course will be taught using an interdisciplinary approach that considers literary and artistic themes from diverse perspectives including theology, sociology, anthropology and history.

1171 Creative Writing

Online

Prerequisites: This course will be structured as a writing workshop course taught online. Students must be willing to dedicate time to peer evaluation of the poetry and fiction written by students.

This course is an introduction to the major genres of creative (imaginative) writing, including fiction, poetry, drama, and personal essay (creative nonfiction). The class will examine the creative process through experimentation with a variety of creative exercises. The types of experimental writing will examine the formal, technical elements of fiction, poetry, and drama. In addition, the course will feature reading, analyzing, and critiquing a variety of literary examples, including the student's writing. The course members will compose stories, poems, and dramatic scenes. Finally, this course will prepare the student for more advanced work in creative writing, including fiction and poetry writing.