

25-26 High School Courses

Course Offering Key:

All courses are one credit unless otherwise indicated as semester course by "0.5 Credit"

Yr - Full School year

Fall
4x4 - 4x4 Fall Term

S1 - Semester 1 (0.5 credit)

Spr
4x4 - 4x4 Spring Term

S2 - Semester 2 (0.5 credit)

[Arts - Visual](#)

[CTE / Marketing / Family and Consumer Sciences](#)

[Economics and Personal Finance](#)

[English](#)

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Arts - Visual

Art 1 - CS911O One Credit Yr Fall
4x4

This course is designed as a foundation to develop student skill and confidence in the creation of original works of art. Through maintaining a portfolio, the creative process will be explored in planning, creating and reflecting on ideas. The elements of art and the principles of design will be emphasized as students explore cultural and historical influences within contemporary art making practices. (Lab fee may be required.)

Art 2 - CS922O One Credit Yr Spr
4x4

Students will continue to refine technical skills within a variety of art media and further develop an understanding of why artists create. Emphasis is placed on student voice and choice during the art making process. Through maintaining a portfolio, the creative process will be explored in planning, creating and selecting artworks for exhibition. (*Lab fee may be required.*) (Prerequisites: VA911O Art I or teacher recommendation)

Digital Media and Graphic Design I - CS942O One Credit Yr

An introductory course designed for the student to develop skills within a variety of software applications and tools associated with digital art, content creation and graphic communications. The student will explore the elements of art and the principles of design as they relate to the production of creative and practical digital media. (*Lab fee may be required.*)

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Digital Media and Graphic Design II - CS950O One Credit Yr

Students will further develop skill within a variety of software applications and tools associated with digital art, content creation, graphic communications, multimedia and 3-D design. By combining images, using multiple software and new media, students will further their understanding of creative and practical digital media. (*Lab fee may be required.*) (Prerequisites: VA942O Digital Media and Graphic Design I)

Digital Photography I - One Credit CS961O Yr Spr 4x4

An introductory course in digital photography as an art form. Students will explore the elements of art and principles of design through the planning, production, and editing of digital images. Basic camera, lighting, and compositional techniques will be emphasized. (*Lab fee may be required*)

CTE / Marketing / Family and Consumer Sciences

Career Strategies - C9071E One Credit Yr (Grades 11, 12)

Strategies consist of an in-depth study of career clusters and pathways through a variety of investigative activities. Students analyze career assessment results, compare various educational options, and develop or revise a plan related to their academic and career-related goals. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations. **Strongly recommended for 11th and 12th grades only. Requires a 40-hour job internship for successful completion.**

Independent Living - C8219E One Credit Yr

Independent Living students become prepared to meet the challenges of living on their own. Students build life skills focusing on creating and maintaining healthy relationships and making responsible financial, consumer, nutrition and housing decisions.

Child Development and Parenting - C8232E One Credit Yr

Students enrolled in Child Development and Parenting learn about parenting roles and responsibilities and parenting practices that maximize human growth and development. They focus on ensuring a healthy start for parent and child, balancing work and family and understanding support systems that provide services for families.

Marketing Exploration- C8110E One Credit Yr

Explore the world of marketing to understand its importance in today's society. Students will develop skills related to interpersonal communication, self-presentation, economics, marketing, sales, employability, career discovery, promotion and ethical decision-making—all essential skills in any career.

Sports and Entertainment Marketing - C8175E One Credit Yr

This course helps students develop a thorough understanding of fundamental marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of customer service, branding, product development, pricing and distribution, business structures, sales processes, digital media, sponsorships and endorsements, as well as promotion needed for sports and entertainment events. The course explores career options and develops workplace readiness skills.

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Digital and Social Media Marketing- C8125E One credit Yr

This course introduces students to digital and social media marketing. Students explore principles, strategies, tools and tactics related to consumers, branding, advertising and promotions. Students explore how success is measured in a digital and social media marketing campaign. This course emphasizes ethics, laws and security. Students also investigate business and marketing plans, as well as careers in digital and social media marketing.

Economics and Personal Finance

Economics and Personal Finance - C6120E One Credit Yr Fall 4x4 Spr 4x4

Honors Economics and Personal Finance - C6120H One Credit Yr

Students learn how economies and markets operate and how the U.S. economy is interconnected with the global economy. Additionally, students learn how to navigate financial decision making 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. Students also learn the importance of investing in themselves to gain valuable knowledge and skills. 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. (Recommended for grades 10-12)

English

English 9 - CS109O One Credit Yr

Honors English 9 - CS109H One Credit Yr

Students will read and apply skills and strategies to comprehend selections of fiction, nonfiction, poetry and drama. They will also work to develop extensive vocabulary knowledge and skills with attention to connotations, idioms and allusions; along with knowledge of literary terms and genres to be applied in the student's own writing. Writing will encompass narrative, expository and persuasive forms for a variety of purposes and audiences. An emphasis on research and oral communications is also integral to this course.

English 10 - CS110O One Credit Yr

Honors English 10 - CS110H One Credit Yr

Students will continue to read and apply skills and strategies to comprehend and analyze selections of fiction, nonfiction, poetry and drama. Students will draw conclusions and make inferences citing textual support. Writing will encompass persuasive and analytical forms for a variety of purposes and audiences and emphasizes research and oral communications. The bodies of literature for grades 10, 11 and 12 are interchangeable and may be taught in any of these grades.

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English 11 - CS111O One Credit Yr Fall 4x4 Spr 4x4

Honors English 11 - CS111H One Credit Yr

In addition to the basic reading comprehension, writing, research and oral communications skills, the honors class will challenge students who already possess advanced English skills with a higher level of rigor designed to prepare students for comprehending more complex text selections independently with a heavy emphasis on writing that includes literary analysis and argument. The bodies of literature for grades 10, 11 and 12 are interchangeable and may be taught in any of these grades.

English 12 - CS112O One Credit Yr Fall 4x4 Spr 4x4

Honors English 12 - CS112H One Credit Yr

In addition to the basic reading comprehension, writing, research and oral communications skills, the honors class will challenge students who already possess advanced English skills with a higher level of rigor designed to prepare students for comprehending more complex text selections independently with a heavy emphasis on writing that includes literary analysis and persuasion. The bodies of literature for grades 10, 11 and 12 are interchangeable and may be taught in any of these grades.

Honors AP English Literature - CS113H One Credit Yr (Grades 11, 12)

This course engages students in the careful reading and analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure to their readers by considering a work's structure, style and themes, as well as such smaller scale elements as figurative language, imagery, symbolism and tone. This is a college-level course that results in an AP reading and writing test for college credit, and it can be taken as English 11 or English 12.

Honors AP English Language and Composition - CS114H One Credit Yr (Grades 11, 12)

Focused more on nonfiction writing and essays, the reading and writing students do in this course should deepen and expand their understanding of how written language functions rhetorically by focusing on writer/reader interactions and deepening students' knowledge and control of formal conventions. This is a college-level course that results in an AP reading and writing test for college credit, and it can be taken as English 11 or English 12.

English Language Learners

Accelerating Language Through Literacy I - ES124O One Credit Yr

This course is designed to expose ELs who are at entering and beginning levels of language proficiency to literacy. Literacy components are explored with an emphasis on phonological awareness, phonics, vocabulary, fluency and writing. Language acquisition skills are developed in alignment with WIDA English Language Development (ELD) Standards.

Accelerating Language Through Literacy II - ES125O One Credit Yr

This course is designed to expose ELs who are at beginning and developing levels of language proficiency to literacy. This course is intended to extend reading skills with a continued focus on vocabulary

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development and academic language. This class will place an emphasis on the receptive language domains of reading and listening comprehension in alignment with WIDA English Language Development (ELD) Standards.

Health & PE

IMPORTANT HEALTH AND PHYSICAL EDUCATION INFORMATION

The Physical Education courses are accomplished by completing 60 physical activity hours in a variety of approved activities at approved fitness centers or as a part of approved team participation (see activity choices sheet). Students assess their fitness level at the beginning and end of the course. All specific requirements of both the Health and Physical Education courses meet the State Department of Education Guidelines.

PHYSICAL EDUCATION

[P.E. Guidelines for School Year](#)

[P.E. Activity Choices](#)

Health and Physical Education 9 (Health/Physical Education 1) - CS709O One Credit Yr

Health 9 Only - CS716O .5 Credit S1

PE 9 Only - CS718O .5 Credit S1 S2

Health & PE 9 - General Information

This course is designed for students to apply a variety of health concepts, skills and behaviors when making health-related decisions. The health education content focuses on nutrition, fitness, substance prevention, first aid and family life education. In physical education, emphasis is placed on students becoming confident and competent in performing lifetime physical activities. Traditionally, this course is taken in grade 9. (*Recommendation: Completion of an 8th grade HPE course*) *Includes CPR & AED Training Diploma Requirement

Health and Physical Education 10 (Health/Physical Education 2) - No Driver Education component -

CS710O One Credit Yr Fall 4x4 Spr 4x4

Health 10 Only (No Driver Education component) - CS 717O .5 Credit S1

PE 10 Only (No Driver Education component)- CS 719O .5 Credit S1 S2

Health & PE 10 - General Information

This course is designed for students to continue applying health concepts, skills and behaviors when making health-related decisions. The health education content focuses on personal and community health and wellness, violence prevention and family life education. In physical education, emphasis is placed on student's confidence and competence in physical activities they are likely to participate in throughout life. Traditionally, this course is taken in grade 10.

Mathematics

Algebra I - CS320O One Credit Yr

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Honors Algebra 1 - CS320H One Credit Yr

The standard Algebra I course incorporates foundational algebraic skills necessary for students to pursue high school mathematics and beyond.

Geometry - CS330O One Credit Yr

Honors Geometry - CS330H One Credit Yr

Geometry is a unified study of plane, solid and coordinate geometric concepts that provides students with the prerequisite skills that will facilitate the study of advanced mathematics.

Algebra II - CS340O One Credit Yr

Honors Algebra II - CS340H One Credit Yr

Algebra II extends the concepts that students have encountered in previous coursework and provides a thorough treatment of advanced algebraic concepts. (Prerequisites: MA320C/H Algebra I or MA330C/H Geometry)

AFDA (Algebra, Functions, and Data Analysis) - CS334O One Credit Yr Spr 4x4

This course is designed to strengthen conceptual understandings in mathematics and develop connections between statistics and Algebra.

Trigonometry Analysis - CS352C One Credit Yr

Honors Trigonometry Analysis - CS352H One Credit Yr

This course allows students to extend their Algebra II skills to advanced topics including mathematical induction, matrix Algebra, vectors and the binomial expansion. (Prerequisite: MA340 Algebra II)

Honors AP Calculus AB - CS361H One Credit Yr

Advanced Placement Calculus AB explores the topics of limits/continuity, derivatives and integrals. (Prerequisite: MA352C/H Trigonometry Advanced/Analysis)

Science

Earth/Space Science I - CS420O One Credit Yr

Honors Earth/Space Science I - CS420H One Credit Yr

This course connects the study of Earth's composition, structure, processes and history; its atmosphere, freshwater and oceans; and its environment in space. Earth science stresses the interpretation of maps, charts, tables and profiles; the use of technology to collect, analyze and report data; and science skills in systematic investigation. Major topics of study include plate tectonics, the rock cycle, Earth history, the oceans, the atmosphere, weather and climate and the solar system and universe. (Laboratory science)

Biology I - CS430O One Credit Yr

Honors Biology I - CS430H One Credit Yr

Biology, the study of living things, includes: experimental design, biochemistry, cellular structure, DNA and genetics, classification and kingdom, evolution and ecology. These areas are developed within the

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framework of the principal biological theories with an emphasis on critical thinking and science process skills. (Laboratory science)

Chemistry - CS440O One Credit Yr Fall 4x4 Spr 4x4

Honors Chemistry - CS440H One Credit Yr

Chemistry students are introduced to basic chemical concepts including the composition of matter, atomic structure, periodic table, chemical bonding, formulas and equations, reacting quantities and acid base theory. (Co-requisites: MA340 Algebra II or MA333 AFDA) (Laboratory science)

Physics I - CS450O One Credit (Laboratory Science) Yr

Honors Physics I - CS450H One Credit Yr

This course builds on basic principles of physical science by exploring the nature of energy and its dynamic interaction with matter. Key areas covered include force and motion, kinetic molecular theory, energy transformations, wave phenomena and the electromagnetic spectrum, light, electricity and scientific investigation. (Prerequisite: MA320 Algebra I or MA340 Algebra II) (Laboratory Science)

Oceanography - CS426O One Credit Yr

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. (Prerequisite: SC420 Earth and Space Science or SC430 Biology) (Laboratory science)

Ecology - CS444O One Credit Yr Fall 4x4 Spr 4x4

This laboratory course is designed to help students understand environmental principles, the consequences of human activities and the impact of these activities on Earth. Major topics in this course are population biology, ecosystems and the effects of science and technology on physical and complex adaptive systems. (Prerequisite: SC430 Biology or SC420 Earth and Space Science) (Laboratory science)

AP Environmental Science - CS429H One Credit Yr

This course is an interdisciplinary course designed to be the equivalent of an introductory college course in environmental science. This course will provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and human-made; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving and/or preventing them. (Co-requisite: SC430 Biology or SC440 Chemistry, Prerequisite: SC420 Earth and Space Science) (Laboratory science)

Social Studies

World History to 1500 - CS209O One Credit Yr

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Honors World History to 1500 - CS209H One Credit Yr

This course will enable students to use historical thinking skills to explore the development of people, places and patterns of life from ancient times until 1500 AD in terms of the impact on Western civilization.

World History 1500 - Present - CS210O One Credit Yr

Honors World History 1500 - Present - CS210H One Credit Yr

This course enables students to use historical thinking skills as they examine history and geography from 1500 to the present, with emphasis on the development of the modern world. Geographic influences on history will continue to be explored, but increasing attention will be given to political boundaries that developed with the evolution of nations.

Virginia/US History - CS211O One Credit Yr Fall 4x4 Spr 4x4

Honors Virginia/US History - CS211H One Credit Yr

This course enables students to use historical thinking skills to examine the history of the United States from the first European exploration of the Americas to the present.

Virginia/US Government - CS212O One Credit Yr Fall 4x4 Spr 4x4

Honors Virginia/US Government - CS212H One Credit Yr

This course enables students to use historical thinking skills to examine the structure and functions of our federal form of government. The foundations of American government, the politics of American democracy and constitutional rights and responsibilities are explored in this course. Additionally, the decision-making processes at the local, state, national and international levels are emphasized.

Sociology - CS224O 0.5 Credit S2

The purpose of this elective course is to provide the background and framework for students to better understand their roles in society and the effects of various groups' actions and interactions on society. This application of traditional social studies skills and concepts provides a valuable awareness and insight into the general importance of and need for a broad understanding of the social studies.

Psychology - CS238O 0.5 Credit S1

This semester course is designed to study the essential understandings of psychology - the science of mind and behavior. Students will examine psychology using innovative approaches including case studies, projects and other methods to explore this fascinating field.

AP U.S. History - CS214H One Credit Yr

This Advanced Placement course enables students to use enhanced historical thinking skills, as required at the college level. Students will examine, in depth, political, social, economic, diplomatic, intellectual and cultural history from the first European exploration of the Americas to the present. A major component of this course is the reading and interpretation of various historical documents. This course will prepare students to take the AP U.S. History exam.

AP U.S. Government - CS213H One Credit Yr

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This Advanced Placement course enables students to use enhanced historical thinking skills, as required at the college level. Students will examine, in depth, the structure and functions of our federal form of government. The foundations of American government, the politics of American democracy and constitutional rights and responsibilities are explored in this course, as well as, the decision-making processes at the local, state, national and international levels. This course will prepare students to take the AP U.S. Government exam.

AP Psychology - CS251H One Credit Yr

This Advanced Placement course provides students with an introduction to the study of behavior and mental processes. They will learn the facts and concepts important to the different fields of psychology and explore the methods used within these fields.

Special Education

Study Skills I - CS133O One Credit Yr

This elective course is designed to provide support to a student in core curricular areas and to provide direct instruction in specific learning strategies, study skills, time management, organization and self-advocacy skills. Time is also allotted to address individual areas of need as identified in a student's Individual Educational Plan (IEP). While students may receive assistance on core curricular assignments, these courses are not designed to serve as a study hall. Participation in this course is for students with IEPs.

VESOL Courses (English, Math, Science, and Social Studies)

These courses are designed for students assessed on the Virginia Essentialized Standards of Learning (VESOLs). Instruction will be individualized to meet the specific needs of each student.

Student Success

Student Success 1 For High School - CS901O One Credit Yr

The class includes character education; positive decision-making; conflict resolution; study methods; financials; life skills; future thinking; skills to be a good member of society; preparation for jobs and organizational strategies. Students will participate in journal writing, self-reflection, discussions, and college/career exploration. ***The course requires students to attend a 1-hour weekly mandatory meeting virtually at specified times. Times will not be established until registrations are complete.*** (Placement in this course is based on school recommendation.)

Student Success 2 For High School - CS902O One Credit Yr

Completion of Success 1 is highly recommended. Curriculum content is a continuation of topics covered in Success 1, with curricular components of reading, reflective writing, discussion, community outreach, and the development of the skills and qualities necessary to be a good citizen and live a productive life after high school. ***The course requires students to attend a weekly 1-hour mandatory meeting virtually at specified times. Times will not be established until registrations are complete. The course also requires students to complete 2 community outreach hours of their choice each term.*** (Placement in this course is based on school recommendation.)

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World Language

Spanish 1 - CS541C One Credit Yr

This World Language course focuses on all modes of communication, including intercultural communications, and communicative literacy. Instructed in at least 90% Spanish, thematic modules range from greeting & introductions, my interests, my family, about my school and spending time with friends. Successful students will exit the course with a Novice-Mid or higher language proficiency level aligned with the Virginia Standards of Learning and ACTFL proficiency scale.

Spanish 2 - CS542C One Credit Yr

Honors Spanish 2 - CS542H One Credit Yr

This World Language course focuses on all modes of communication, including intercultural communications, and communicative literacy. Instructed in at least 90% Spanish, thematic modules continue to expand to shopping, entertainment and social media, celebrations, daily life and health & wellness. Successful students will exit the course with a Novice-Mid or higher in Presentational Speaking and Novice-High or higher proficiency levels in all other modes, aligned with the Virginia Standards of Learning and ACTFL proficiency scale. (Prerequisite: WL541C Spanish 1)

Spanish 3 - CS543C One Credit Yr

Honors Spanish 3 - CS543H One Credit Yr

This World Language course focuses on all modes of communication, including intercultural communications, and communicative literacy. Instructed in at least 90% Spanish, thematic modules continue to expand to relationships, the arts, travel, past events, expressing opinions and future careers. Successful students will exit the course with a Novice-High in Presentational Speaking and Intermediate-Low or higher language proficiency level aligned with the Virginia Standards of Learning and ACTFL proficiency scale. (Prerequisite: WL542C/H Spanish 2)

Spanish 4 - CS544O One Credit Yr

Honors Spanish 4 - CS544H One Credit Yr

This World Language course focuses on all modes of communication, including intercultural communications, and communicative literacy, taught in Spanish. Successful students will exit the course with an Intermediate-Low in Presentational Speaking and an Intermediate-Mid proficiency level in all other modes, aligned with the Virginia Standards of Learning and ACTFL proficiency scale. (Prerequisite: WL543C/H Spanish 3)

Dual Enrollment

Dual Enrollment (DE) courses are taken for college credit and are taught by specially licensed CCPS instructors in cooperation with Brightpoint Community College using the same curriculum and materials. These courses require college-level work from high school students. They count toward credits needed for high school graduation and are included in the student's cumulative college grade point average (GPA). Future admission to college programs, as well as future financial aid, are dependent on a student's

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GPA. A final exam and any required SOLs must be taken. ***DE Courses also require students to attend classes virtually at specified times that will not be established until registrations are complete.***

**** EARLY DEADLINES APPLY ****

Contact your school counselor to determine application deadlines and processes.

College U.S. History - DL216D/DL217D One Credit Yr

This course offers college credit for coursework completed through Brightpoint Community College. The course content surveys United States history from its beginning to the present. (Aligns with Brightpoint Community College HIS121/122: six credits)

College Statistics - DL377D/DL378D One Credit Yr

Presents an overview of statistics, including descriptive statistics, elementary probability, probability distributions, estimation, hypothesis testing, correlation, and linear regression. Continues the study of estimation and hypothesis testing with emphasis on advanced regression topics, experimental design, analysis of variance, chi-square tests and non-parametric methods. (Aligns with Brightpoint Community College's equivalent MTH 245 and MTH 246: six credits)

College General Biology - DL451D/DL452D One Credit Yr

In this college-level general biology course, students explore the fundamental characteristics of living matter from the molecular level to the ecosystem level. The diversity of living organisms, their structure, function and evolution is emphasized. (Prerequisites: SC430 Biology, SC440 Chemistry) (Aligns with Brightpoint Community College's Biology 101/102 – eight credits) (Laboratory science)

College Intermediate Spanish - DL567D/DL568D One Credit Yr

Students strengthen their language skills and cultural awareness through the active use of art, music and literature. Through carefully sequenced reading, vocabulary and practice activities, student's progress to an intermediate-high level of proficiency in this college-level course. (Prerequisite: WL544C or WL544H or DE563D) (Aligns with Brightpoint Community College's SPA201/202: Six credits)