

ACVA ONLINE COURSES (Fall/Spring)

ACVA Course	Course Number	ACVA Teacher
Algebra 1 CP	4114VSCW	Patty Toepke
<u>Algebra 2 CP</u>	4115VSCW	Brandon Beaulieu (Fall), Connie Williams (Spring)
<u>Art History Honors</u>	3588VSHW	Tara Wessinger-Hanna
<u>Computer Applications</u>	5008VSCH	Sandra Zeller (Fall), Sandra Zeller/Has Slone (Spring)
<u>Earth Science CP</u>	3265VSCW	Amanda Waymer (Fall), Carolyn McCurdy (Spring)
<u>Economics CP</u>	3350VSCH	Paul Vance
<u>Economics Honors</u>	3350VSHH	Dustin Fowler
<u>English 1 CP</u> (semester and full year)	3024VSCW	Kayla Hostetler
<u>English 2 CP</u>	3025VSCW	Kayla Hostetler (Fall), Charles Bell (Spring)
<u>English 3 CP</u>	3026VSCW	Melissa Allgood (Fall), Ginger Dunker (Spring)
<u>English 4 CP</u>	3027VSCW	Chris Emerling
<u>Forensic Science CP</u>	3245VSCW	Kari Grabowski
<u>Geometry CP</u>	4122VSCW	John Hostetler
<u>Government CP</u>	3330VSCH	Rebecca Hannon
<u>Government Honors</u>	3330VSHH	Melissa Cushman
Health Science 1 CP		Tiffany Middlebrooks (Fall only)
Health Science 3 CP		Tiffany Middlebrooks (Spring only)
Integrated Business Apps		David Harris (Fall), Alvina Head (Spring)
<u>Media Arts 1</u>	3515VSCW	Tara Wessinger-Hanna (Spring only)
<u>Personal Finance</u>	5131VSCW	Stephanie Ramey
<u>Probability and Statistics CP</u>	4141VSCW	Chloe Greenwald
<u>Psychology CP</u>	3340VSCW	Melissa Cushman (Spring only)
<u>Sociology CP</u>	3345VSCW	Dave Mihoulides (Fall only)
<u>US History CP</u>	3320VSCW	Dave Mihoulides



ACVA ONLINE COURSES (Summer only)

ACVA Course	Course Number	ACVA Teacher
Geometry Honors	4122VSCW	John Hostetler, Rebecca Dubose
Music Appreciation 1 CP	3561VSCW	Neil Nelson, Lance Stockton
Physical Education CP	3441VSCW	Joey Middlebrooks
Personal Health CP	3402VSCH	Tiffany Middlebrooks

Aiken County Virtual Academy 2018-19 Course Catalog

ALGEBRA 2

DESCRIPTION: This course contains an in-depth study of functions, patterns, relations, and concepts of number systems. This includes linear, quadratic, exponential, absolute value, radical, and rational functions. Conic sections are also addressed. Students will use technology and models to investigate and explore mathematical ideas and relationships and develop multiple strategies for analyzing complex situations. Students will analyze situations verbally, numerically, graphically, and symbolically. Students will apply mathematical skills and make meaningful connections to life's experiences.

COURSE CODE: 4115VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Algebra 1

DURATION: One semester

ART HISTORY HONORS

DESCRIPTION: The course serves as an introduction to art's history beginning with Mesopotamian and Egyptian civilizations to modern century artists. During the semester, students will survey a variety of images and monuments produced throughout history, focusing on European and non-western art and architecture. Students will analyze the works of the past, historian interpretations, and the ideological and societal contexts of the images. Likewise, students will demonstrate an awareness of artistic styles and developments in relationship to their ideological and historical contexts through a variety of projects and forum discussion groups.



COURSE CODE: 3588VSHW

CREDITS: Honors credit, 1 unit credit

PREREQUISITES: Successful completion of two sequential fine arts courses.

DURATION: One semester

CHEMISTRY 1 CP

Description: Chemistry is an upper level science course in which students are given a solid introduction to inorganic chemistry. Topics covered include organic and inorganic chemistry, chemical bonding, chemical reactions, balancing chemical equations, periodic trends, properties of metals, nonmetals, and metalloids, stoichiometry, molecular geometry, chemical equilibrium, acids and bases, and nuclear chemistry.

Course Code: 3231VSCW

Subject: Science

Required Prerequisites: Biology

Suggested Prerequisites: None

Duration: Yearlong (two semesters)

COMPUTER APPLICATIONS

DESCRIPTION: This course is designed to introduce students to software applications that are necessary to live and work in a technological society. The applications covered include word processing, databases, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts.

COURSE CODE: 5008VSCH

CREDITS: College preparatory, 1/2 unit credit

PREREQUISITES: Keyboarding or successful completion of the Keyboarding Proficiency Exam

DURATION: One semester



EARTH SCIENCE CP

Description: Earth Science is an introductory Earth Science course designed to provide students with the skills necessary to successfully complete more advanced secondary and post-secondary science courses in the field. In this course, we will explore the Earth's history, its position in the universe, and the forces that shape the Earth's surface and our environment. It is a laboratory science course, with labs that are completed in the virtual environment. This course counts as one of the three required science courses for graduation in South Carolina.

Course Code: 3265VSCW

Subject: Science

Required Prerequisites: Biology

Suggested Prerequisites: None

Duration: One semester

ECONOMICS CP

DESCRIPTION: This course will explore various economic concepts and practices. Students will examine macroeconomics, microeconomics, and standard economic practices and issues that affect the U.S. and global economies. In particular, students will explore concepts like scarcity, supply and demand, market structures, prices, governmental economic policy, and banking. Additionally, students will analyze ways in which individuals, families, and governments act in response to economic conditions, and the subsequent effects of these actions.

COURSE CODE: 3350VSCH

CREDITS: College preparatory, 1/2 unit credit

PREREQUISITES: None

DURATION: One semester

ECONOMICS H

DESCRIPTION: This course will explore various economic concepts and practices. Students will examine macroeconomics, microeconomics, and standard economic practices and issues that affect the U.S. and global economies. In particular, students will explore concepts like scarcity, supply and demand, market structures, prices, governmental economic policy, and banking. Additionally, students will analyze ways in which individuals, families, and governments act in response to economic conditions, and the subsequent effects of these actions. Includes additional assignments and discussion forums.



AIKEN COUNTY
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COURSE CODE: 3350VSHH

CREDITS: College preparatory, 1/2 unit credit

PREREQUISITES: None

DURATION: One semester

ENGLISH 1 CP

DESCRIPTION: This is a study of literary genres and informational texts. Students gain an understanding of how to read and respond to literary, informational, and non-print texts in preparation for the state's required End-of-Course Examination. A portfolio approach is used to measure student growth throughout the course.

COURSE CODE: 3024VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Successful completion 8th grade Language Arts

DURATION: Yearlong (two semesters)

ENGLISH 2 CP

DESCRIPTION: The curriculum for this course is guided by South Carolina's State Standards. The curriculum will include major themes found in literature and nonfiction; writing instruction integrated with the literary studies; major literary selections will include classics as well as contemporary options. Students will be graded on correct usage of grammar, mechanics, and spelling for each written assignment.

COURSE CODE: 3025VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Successful Completion of English 1

DURATION: One semester

ENGLISH 3 CP



DESCRIPTION: This is a survey course of American Literature. Students taking English 3 will extend their study of classic and contemporary American Literature by reading selected works from different literary periods in American writing. The English 3 students will become independent readers and thinkers by learning to negotiate meaning and extend their vocabulary through a wide range of texts. Students will develop a thorough understanding of themes and periods in the development of American Literature.

COURSE CODE: 3026VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Successful completion of English 2 recommended

DURATION: One semester

ENGLISH 4 CP

DESCRIPTION: The curriculum for this course is guided by South Carolina's State Standards. The goal of this English course is to experience the best works written by well-known British and Commonwealth authors. In addition, students will be required to write about these works, discuss them with their peers, and learn to cultivate the ability to critically analyze poetry, drama, novels, short stories, and non-fiction works from a variety of historical periods. Students will have the opportunity to increase their vocabulary and understanding of terms related to literary analysis, improve their writing skills, and perfect their grammatical and mechanical skills

COURSE CODE: 3027VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Successful Completion of English 3 recommended

ENVIRONMENTAL STUDIES CP

Course Description: Environmental Studies CP is an upper-level science course designed to provide students with an introduction to the pressing environmental issues of our time. We will examine both the science behind the issues and the social, political and economic reasons behind the responses to the issues. Much of the class will be discussion-based. Students will be expected to complete the required readings on time, participate in class discussions, and complete projects. Successful Environmental Studies students will check their messages frequently (daily is best), read all required material, participate actively in course discussions, and complete a final cumulative exam.

Course Code: 3261VSCW



Subject: Science

Required Prerequisites: Biology

Suggested Prerequisites: None

Duration: One semester

FORENSIC SCIENCE CP

Description: Forensic Science CP is a multidisciplinary course that includes concepts of chemistry, zoology, anatomy, genetics, physics, medicine, mathematics and statistics, sociology, psychology, communications, and law, in order to help solve crimes. The ultimate goal for students enrolled in this course is for them to become confident that they can make sense of complex problems involving numerical data, evidence, uncertainty, and logical reasoning.

Course Code: 3245VSCW

Subject: Science

Required Prerequisites: Biology

IMPORTANT:

If you are taking this course PRIOR to taking Biology I:

Most colleges require 3 or 4 lab science credits for admission. According to the Commission on Higher Education, Biology I must have been completed prior to this course for this elective to count as a lab credit. If you have not completed Biology I prior to completing this course, you will get credit for the course, but colleges may not accept the credit for admission. Please consider taking Biology I prior to completing this course to insure you receive lab credit.

Suggested Prerequisites: None

Duration: One semester

Forensic Science CP is a multidisciplinary course that includes concepts of chemistry, zoology, anatomy, genetics, physics, medicine, mathematics and statistics, sociology, psychology, communications, and law, in order to help solve crimes. The ultimate goal for students enrolled in this course is for them to become confident that they can make sense of complex problems involving numerical data, evidence, uncertainty, and logical reasoning.

GEOMETRY

DESCRIPTION: This course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts and real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.



Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

COURSE CODE: 4122VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Successful completion of Algebra 1

DURATION: One semester

GOVERNMENT CP

DESCRIPTION: This course incorporates the structure, organization and function of the American political system. Topics studied include the foundations of U.S. government and the three major branches of government and the Constitution. Students will study the details of the political system at the national state and local levels. Comparisons will be made between American government and other political systems, and students will apply higher order thinking skills as they consider content throughout the course.

COURSE CODE: 3330VSCH

CREDITS: College preparatory, 1/2 unit credit

PREREQUISITES: None

DURATION: One semester

GOVERNMENT H

DESCRIPTION: This course incorporates the structure, organization and function of the American political system. Topics studied include the foundations of U.S. government and the three major branches of government and the Constitution. Students will study the details of the political system at the national state and local levels. Comparisons will be made between American government and other political systems, and students will apply higher order thinking skills as they consider content throughout the course. Includes additional assignments and discussion forums.

COURSE CODE: 3330VSHH

CREDITS: College preparatory, 1/2 unit credit

PREREQUISITES: None



DURATION: One semester

KEYBOARDING

DESCRIPTION: This course is designed to provide students an opportunity the skill of entering alphabetic, numeric, and symbolic information on a keyboard and ten-key pad using the touch method of key stroking. Emphasis is placed on the development of accuracy and speed, proper techniques, and correct fingering. Formatting of basic documents will be introduced.

COURSE CODE: 5100VSCH

CREDITS: college preparatory, 1/2 unit credit

PREREQUISITES: None

DURATION: One semester

MEDIA ARTS 1

DESCRIPTION: Media Arts 1 is designed in alignment with the South Carolina academic standards for Media Arts. In this course, students will develop their creative abilities for developing and analyzing art in a variety of media, including print, audio and video. Students will read and explore content and material pertinent to each unit, learn how to use different online media tools per tutorials and practice, contribute to each unit's glossary, and will collaborate and plan their project for each unit through a series of class discussions (forums). Each unit will wrap up with a quiz on the material covered. The course will culminate in the creation of a multimedia project using images, video and audio. Students must have the ability to download various free media arts related products to complete the coursework.

COURSE CODE: 3515VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: No prerequisites

DURATION: One semester

MUSIC APPRECIATION



DESCRIPTION: This course will provide instruction in the elements of music and music from the Renaissance to the late Twentieth-Century. It will introduce the student to some of the basic fundamental of music and focus on classical music forms of instrumental and vocal music. The course will also share information about great composers and performers from the 15th century through today.

COURSE CODE: 3561VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: None

DURATION: One semester

PERSONAL FINANCE

DESCRIPTION: Personal Finance is designed to introduce the student to basic financial literacy skills which includes budgeting, obtaining credit, maintaining checking accounts, analyzing the basic elements of finance, computing payroll, recording business transactions, and applying computer operations to financial management. Given the necessary equipment, supplies, and facilities, the student will be able to successfully complete the following core standards in a course that grants one unit of credit.

COURSE CODE: 5131VSCW

CREDITS: college preparatory, 1 unit credit

PREREQUISITES: None

DURATION: One semester

PERSONAL HEALTH

DESCRIPTION: In Personal Health, students will have the opportunity to explore topics and issues that will affect their personal health and wellness for their entire life. The exploration of issues affecting health and wellness will provide students with the knowledge to make quality personal health decisions. Mental health, personal relationships, health risk behaviors, consumer health, goal setting and decision making are some of the topics that students will use to participate in online projects and interactive assignments. Students will use web based applications and the most current health related resources to collaborate with the instructor and your peers in the learning process.

COURSE CODE: 3402VSCH



CREDITS: College preparatory, 1/2 unit credit

PREREQUISITES: Due to the requirements of the South Carolina Comprehensive Health Education Act, students in grades 7 and 8 may not take this course. **The only exception is for rising 9th graders whose district considers them to be a 9th grader at the start of the course.**

DURATION: One semester

PHYSICAL EDUCATION

DESCRIPTION: Physical Education 1 and Accelerated Physical Education provide opportunities for students to become competent and proficient in two movement forms elected from a variety of choices. Students will also be able to design and develop a personalized physical fitness program, participate regularly in health-enhancing physical activity beyond the physical education class, and meet the gender and age group health-related physical fitness standards. The students will be required to video portions of the Pre and Post FITNESSGRAM Test to provide evidence that standards are being met. The students will use YouTube or DropBox to upload these videos to the instructor. The student is responsible for having a fitness sponsor administering the physical fitness test in compliance with Student Health and Fitness Act of 2005. The fitness sponsor must be one of the following: a teacher, coach, or a parent or guardian

COURSE CODE: 3441VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Student must be in at least 9th grade to register. Students in grades 7 and 8 cannot enroll in VirtualSC's Physical Education course due to Regulation 43-232. **The only exception is for rising 9th graders whose district considers them to be a 9th grader at the start of the course**

DURATION: One semester

PROBABILITY AND STATISTICS

DESCRIPTION: This course includes the following topics: introductory probability, counting techniques, and probability distributions. Statistic topics include data organization, sample space concepts, frequency distributions, random variables, binomial and normal distributions and central limit theorem. Graphing calculators are heavily emphasized.

COURSE CODE: 4141VSCW



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CREDITS: College preparatory, 1 unit credit

PREREQUISITES: Geometry and Algebra 2

DURATION: One semester

PSYCHOLOGY

DESCRIPTION: This course is designed to give the student a basic understanding of the psychology of human behavior. The student will be exposed to the concepts, terminology, principles, and theories that comprise an introductory course in psychology. Topics covered are intended to introduce the student to the broad range of knowledge about human psychological behavior, to emphasize research methods used in psychology, to encourage critical thinking, and to showcase how psychology can impact our daily lives.

COURSE CODE: 3340VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: None

DURATION: One semester

SOCIOLOGY

DESCRIPTION: This course will focus on the study of human behavior in group situations. Its focus is on the dynamics of group behavior and the interaction of individuals in groups. This course acquaints students with the basic sociological theories and tools of analysis and shows their relationship to other behavioral science disciplines such as anthropology and psychology. Social stratification, sexism, ageism, racism, and other social issues will be considered. Additionally the class will examine the effect of social structure, practices, and institutions upon the individual in everyday life.

COURSE CODE: 3345VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: None

DURATION: One semester



UNITED STATES HISTORY AND CONSTITUTION

DESCRIPTION: This course is a political, social and cultural history of the United States from 1450 to present. It provides the reading; writing and analytical skills necessary for each student to achieve success in this college preparatory course while helping each student master the arts of document interpretation and analysis. Each student will actively engage in various activities including reading and critiquing historical works including the textbook and others which are found on-line. The course curriculum satisfies the 2012 South Carolina US History/Constitution standards.

COURSE CODE: 3320VSCW

CREDITS: College preparatory, 1 unit credit

PREREQUISITES: None

DURATION: One semester, accelerated option for students