WANDO HIGH SCHOOL

PROGRAM OF STUDIES

2027-2028

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Charleston County
SCHOOL DISTRICT

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SOUTH CAROLINA GRADUATION REQUIREMENTS

To receive a South Carolina High School Diploma, a student must complete twenty-four units of study. The following are course requirements prescribed by the State Board of Education for high school graduation.

English/Language Arts.....4 units
Mathematics.....4 units
Science.....3 units
U.S. History & Constitution.....1 unit
Economics.....0.5 unit
U.S. Government..... 0.5 unit
Other Social Studies.....1 unit
Physical Education or JROTC 1.....1 unit
World Language or
Career and Technology Course .....1 unit
Computer Science .....1 unit
Personal Finance.....0.5 unit
Personal Health and Wellness.....0.5 unit
Additional Electives .....6.5 units

TOTAL .....24 units

GRADE LEVEL CLASSIFICATION

Based on the "On Track for Graduation" metric by the Education Oversight Committee, the grade classification policy is as follows:

- **9th Grade:** A student entering high school for the first time is considered a ninth grader.
- **10th Grade:** To be classified as a sophomore, a student must have earned a minimum of 6 credits, including English 1 and one math credit.
- **11th Grade:** To be classified as a junior, a student must have earned a minimum of 12 credits, including English 1, English 2, two math credits, and one science credit.
- **12th Grade:** To be classified as a senior, a student must have earned a minimum of 18 credits, including three English credits, three math credits, and two science credits.

COURSE LEVELS

In South Carolina, high school course levels are categorized by difficulty. The South Carolina Uniform Grading Policy (see next page) provides a framework for this by assigning a higher weight to more difficult courses based on their curriculum and rigor.

- **College Prep (CP):** Standard high school level course
- **Honors:** A higher-level, more rigorous course that goes beyond the standard CP curriculum
- **Advanced Placement (AP):** A college-level high school course that can potentially earn students college credit based on AP exam scores and the college's own credit policy
- **Dual Enrollment (DE):** A college course that earns students both high school and college credit

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SOUTH CAROLINA UNIFORM GRADING SCALE

The statewide Uniform Grading Scale is used in the computation of students' grade point average.

Numerical Average	Letter Grade	College Prep Weighting	Honors Weighting	AP/IB/Dual Credit Weighting
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500
84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100
0-50	F	0.000	0.000	0.000
WF	F	0.000	0.000	0.000
WP	-	0.000	0.000	0.000

ENGLISH

ENGLISH 1 (302400CW)

Prerequisites: *N/A*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks.

ENGLISH 1 HONORS (302400HW)

Prerequisites: *8th grade ELA Honors with a 90+*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

ENGLISH 2 (302500CW)

Prerequisites: *English 1 or English 1 Honors*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks. Requires EOC exam.

ENGLISH 2 HONORS (302500HW)

Prerequisites: *English 1 Honors or English 1 CP with a grade of 90+*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity. Requires EOC exam.

ENGLISH 3 (302600CW)

Prerequisites: *English 2 or English 2 Honors*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks.

ENGLISH 3 HONORS (302600HW)

Prerequisites: *English 2 or English 2 Honors*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

ENGLISH 4 (302700CW)

Prerequisites: *English 3, English 3 Honors, or AP English Language*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks.

ENGLISH 4 HONORS (302700HW)

Prerequisites: *English 3 CP, English 3 Honors, or AP English Language*

This course introduces and develops skills in inquiry-based literacy and research; critical reading of literary and informational texts; narrative, informational, and argument writing; and communication. Units emphasize challenging texts and topics approaching or at the level of college-readiness benchmarks. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

AP ENGLISH LANGUAGE & COMPOSITION (307100AW)

Prerequisites: *English 2 CP or Honors*

This course cultivates an understanding of writing and rhetorical arguments through reading, analyzing, and writing texts. Key topics include rhetorical situation, claims and evidence, reasoning and organization, and style. Requires Advanced Placement Exam.

AP ENGLISH LITERATURE & COMPOSITION (307000AW)

Prerequisites: *English 3 CP or Honors or AP Language*

This course cultivates an understanding of literature through reading and analyzing texts. Key concepts include character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. Requires Advanced Placement Exam.

DE ENGLISH COMPOSITION I - ENGLISH 101 (301500EW) - 4th Block ONLY

Prerequisites: *Placement Test or SAT/ACT scores; Trident Application & Fee Required*

This course is a study of composition in conjunction with appropriate literary selections and frequent theme assignments to reinforce effective writing. It also reviews standard usage and presents basic research techniques.

DE ENGLISH COMPOSITION II - ENGLISH 102 (301600EW) - 4th Block ONLY

Prerequisites: *Placement Test, SAT/ACT scores, English 101, or AP English Language score; Trident Application & Fee Required*

This course includes the development of writing skills through logical organization, effective style, literary analysis, research and an introduction to literary genres.

CREATIVE WRITING (303200CW)

Prerequisites: *N/A*

This course focuses on writing as a form of art and personal expression. Workshops, peer review, and author studies support the development and refinement of texts for publication. Genres include poetry, short stories, and creative nonfiction.

SPEECH (304000CW)

Prerequisites: *N/A*

This course introduces the principles of public speaking with the application of speaking skills in varied communication situations. Emphasis is placed on content and organization in the development and delivery of oral messages.

JOURNALISM 1 (305000CW)

Prerequisites: *N/A*

This course introduces the basic rhetorical and ethical principles of journalistic writing for news media--including newspapers, journals, radio, television, and online.

JOURNALISM 2 (305100CW)

Prerequisites: *Journalism 1*

This course further develops basic rhetorical and ethical principles of journalistic writing for news media--including newspapers, journals, radio, television, and online.

READY FOR HIGH SCHOOL LITERACY (305700CW)

Prerequisites: *N/A*

This course utilizes a disciplinary approach to literacy that teaches students strategies for reading and understanding complex texts in different subject areas. Students learn to develop and defend ideas, both orally and in writing, in high school-level subjects such as English, history and science.

RHETORIC OF LAW (339988CW)

Prerequisites: *N/A*

This course develops skills in textual analysis, public speaking, and high-level critical thinking. Emphasis is placed on evaluating civil rights under constitutional law, then engaging in the trial process, ranging from pre-trial motions to the appellate process, while developing informed interpretations and resolutions substantiated by evidence.

NEWSPAPER PRODUCTION (376800HW)

Prerequisites: *N/A*

This course develops the technical and professional skills needed to produce and publish the school's newspaper.

YEARBOOK PRODUCTION (376900CW)

Prerequisites: *N/A*

This course develops the technical and professional skills needed to produce and publish the school's yearbook.

AP CAPSTONE SEMINAR (473000AW) - Elective Credit

Prerequisites: *N/A; 10th - 12 grade*

This course teaches students how to investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. During the course, students complete a team project and an individual paper and presentation, as well as take a written end-of-course exam. These components contribute to the overall AP Seminar score.

AP CAPSTONE RESEARCH (473200AW)

Prerequisites: *AP Seminar*

AP Research lets students deeply explore an academic topic, problem, or issue of interest to them. Students design, plan, and conduct a yearlong research-based investigation to address a research question, documenting their process with a portfolio. The course ends with a 4,000- to 5,000-word academic paper and a presentation with an oral defense which contributes to the overall AP Research course. There is no end-of-course exam.

MATHEMATICS

GEOMETRY WITH STATISTICS (412200CW)

Prerequisites: *N/A*

This course analyzes geometric relationships through the study of points, lines, planes, and proofs including congruence of triangles; quadrilaterals; triangles, similarities, transformations, and proportional reasoning; trigonometry; area and volume, circles, and statistical plots. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical and abstract reasoning skills.

GEOMETRY WITH STATISTICS HONORS (412200HW)

Prerequisites: *8th Grade Math with a 90+*

This course analyzes geometric relationships through the study of points, lines, planes, and proofs including congruence of triangles; quadrilaterals; triangles, similarities, transformations, and proportional reasoning; trigonometry; area and volume, circles, and statistical plots. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical and abstract reasoning skills. The honors course exceeds the college preparatory course in rigor and complexity.

ALGEBRA 1 (411400CW)

Prerequisites: *Geometry with Statistics*

This course examines relationships between quantities and expressions, reasoning with linear equations and inequalities, creating, modeling and analyzing linear, quadratic and exponential functions, interpreting functions, and using function notation. This course helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical skills. Requires EOC exam.

ALGEBRA 1 HONORS (411400HW)

Prerequisites: *Geometry with Statistics Honors with an 85+ or Geometry with Statistics CP with a 90+*

This course examines relationships between quantities and expressions, reasoning with linear equations and inequalities, creating, modeling and analyzing linear, quadratic and exponential functions, interpreting functions, and using function notation. This course helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical skills. The honors course exceeds the college preparatory course in rigor and complexity. Requires EOC exam.

REASONING IN MATH (411800CW) - Not accepted as a math credit at four-year colleges

Prerequisites: *Geometry with Statistics and Algebra 1*

This course engages students in relevant problems that focus on how mathematics and statistics inform decision making. It prepares students for post-secondary options with instruction that focuses on modeling real-world situations while emphasizing statistics, quantitative reasoning, modeling, and financial applications and features a variety of mathematical and statistical tools useful for decision making. Students will make sense of authentic problems and persevere in solving them. They will reason abstractly and quantitatively while communicating mathematics to others. Students will use appropriate tools, including technology, to model mathematics.

APPLICATIONS AND MODELING (411900CW) - Not accepted as a math credit at four-year colleges

Prerequisites: *Geometry with Statistics and Algebra 1*

This course is a newly designed, specialized mathematics course developed to expand on and reinforce the concepts introduced in Geometry with Statistics and Algebra 1 by using those concepts to represent and analyze data and make predictions and inform judgments about real-world phenomena. In this course, students explore decision making for financial planning and management, design in three dimensions, interpret statistical studies, and create functions that model problems faced by society. Measurements are taken from the real world, and technology is used extensively for computation, with an emphasis on students' interpretation and explanation of results in context.

ALGEBRA 2 WITH PROBABILITY (411500CW)

Prerequisites: *Geometry with Statistics and Algebra 1*

This course covers arithmetic and geometric sequences; absolute value, step, and piecewise functions; linear equations and inequalities; systems of equations and inequalities; polynomial functions; quadratic functions, complex numbers, equations, and inequalities; radical, simple rational, and exponential functions. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical skills.

ALGEBRA 2 WITH PROBABILITY HONORS (411500HW)

Prerequisites: *Geometry with Statistics Honors with an 85+ and Algebra 1 Honors with an 85+*

This course covers arithmetic and geometric sequences; absolute value, step, and piecewise functions; linear equations and inequalities; systems of equations and inequalities; polynomial functions; quadratic functions, complex numbers, equations, and inequalities; radical, simple rational, and exponential functions. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical skills. The honors course exceeds the college preparatory course in rigor and complexity.

PRECALCULUS (413100CW)

Prerequisites: *Algebra 2 Honors or Algebra 2 CP with an 85+*

This course emphasizes mathematical modeling such as creating appropriate equations, graphs, functions, or other mathematical representations to analyze real-world situations. Concepts include analyzing exponential, logarithmic, and trigonometric functions, matrices, vectors, and conic sections. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical and abstract reasoning skills.

PRECALCULUS HONORS (413100HW)

Prerequisites: *Algebra 2 Honors with an 85+*

This course emphasizes mathematical modeling such as creating appropriate equations, graphs, functions, or other mathematical representations to analyze real-world situations. Concepts include analyzing exponential, logarithmic, and trigonometric functions, matrices, vectors, and conic sections. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical and abstract reasoning skills. The honors course exceeds the college preparatory course in rigor and complexity.

CALCULUS HONORS (413500HW)

Prerequisites: *Precalculus Honors or Precalculus CP with an 80+*

This course provides an enhanced understanding of limits, derivatives, and integrals. Concepts include continuity, rules and applications of both derivatives and integrals including the Fundamental Theorem of Calculus. This course also helps students develop and demonstrate an understanding of mathematical content and concepts, and apply mathematical and abstract reasoning skills.

STATISTICAL MODELING (412000CW)

Prerequisites: *Geometry with Statistics, Algebra 1, & Algebra 2*

This course is a newly designed course that extends students' understanding of statistics. The course offers students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical investigative questions to be answered using data, design and implement a plan to collect the appropriate data, select appropriate graphical and numerical methods for data analysis, and interpret their results to make connections with the initial question.

STATISTICAL MODELING HONORS (412000HW)

Prerequisites: *Geometry with Statistics, Algebra 1, & Algebra 2*

This course is a newly designed course that extends students' understanding of statistics. The course offers students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical investigative questions to be answered using data, design and implement a plan to collect the appropriate data, select appropriate graphical and numerical methods for data analysis, and interpret their results to make connections with the initial question. The honors course exceeds the college preparatory course in rigor and complexity.

DE PROBABILITY AND STATISTICS - MAT 120 (414300EW) - 4th Block ONLY

Prerequisites: *Placement Test or SAT/ACT scores; Trident Application & Fee Required*

This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals, and test hypothesis for large and small samples; types I and II errors; linear regression; and correlation.

AP STATISTICS (417100AW) - Yearlong Skinny; Not accepted as a math credit at four-year colleges

Prerequisites: *Geometry with Statistics, Algebra 1*

This course introduces major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Technology, investigations, problem solving, and writing build conceptual understanding. The use of real-world data collection and technology to analyze data are used throughout the course. Requires Advanced Placement exam.

AP CALCULUS AB (417000AW) - Yearlong Skinny

Prerequisites: *Calculus Honors, Precalculus Honors, Precalculus CP with a 95+*

This course considers topics in differential and integral calculus. Concepts include limits, continuity, derivatives, and integrals. Understanding these topics and applying them to solve real world and mathematical problems is stressed through connecting graphic, numeric, and symbolic representations. An emphasis is also placed on the use of technology to help solve problems, experiment, interpret results, and support conclusions. Requires Advanced Placement exam.

AP CALCULUS BC (417200AW) - Yearlong Skinny

Prerequisites: *AP Calculus AB*

This course extends the content learned in AB to different types of equations, polar, parametric, vector-valued) and new topics, and introduces the topic of sequences and series. The course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, integrals, the Fundamental Theorem of Calculus, and series. An emphasis is placed on approaching calculus concepts and problems when they are represented graphically, numerically, or symbolically, and making connections among these representations. Requires Advanced Placement exam.

SCIENCE

EARTH SCIENCE (326500CW)

Prerequisites: *N/A*

This course introduces students to the dynamic processes that shape our planet and beyond, covering topics such as geology, oceanography, hydrology, and astronomy. Students investigate how Earth's air, land, water, and life cycles influence its past, present, and future. Students participate in laboratory investigations examining humans impact on the Earth, global warming, and environmental sustainability. This course provides a foundational understanding of Earth's natural processes, helping students prepare for careers in environmental science, meteorology, natural resource management, and more.

EARTH SCIENCE HONORS (326500HW)

Prerequisites: *N/A*

This course introduces students to the dynamic processes that shape our planet and beyond, covering topics such as geology, oceanography, hydrology, and astronomy. Students investigate how Earth's air, land, water, and life cycles influence its past, present, and future. Students participate in laboratory investigations examining humans impact on the Earth, global warming, and environmental sustainability. At the Honors level, students are expected to have a deeper understanding of the content covered in class and will explore topics in greater detail. Examples include Hubble's Law, graphical analysis of global warming, and erosion modeling. This course provides a foundational understanding of Earth's natural processes, helping students prepare for careers in environmental science, meteorology, natural resource management, and more.

FORENSIC SCIENCE (324500CW)

Prerequisites: *N/A*

Forensic Science is an advanced science course aligned with the South Carolina College- and Career-Ready Science Standards 2021. Using the Science and Engineering Practices, Forensic Science students apply their understanding of biology and chemistry content while making connections through the Crosscutting Concepts. The expectation is that through their Forensic Science coursework, students build upon their foundational knowledge developed in previous courses to deepen their understanding of the content.

BIOLOGY (322100CW)

Prerequisites: *N/A*

Biology is the study of living organisms and their interactions with the environment. Students will develop and use models to understand cells as a system and their replication, energy transfer, heredity and genetics, evolution, and ecology. Laboratory investigations include hands-on experiences using microscopes to study human cells, plant cells, and other organisms, modeling biomolecules, analyzing genetic code and DNA structure, and patterns in genetics including pedigree charts, punnet squares, and DNA fingerprinting. Understanding biological principles is essential for careers in healthcare, environmental science, biotechnology, and supports informed decision-making as a scientifically literate citizen. Students are required to take the state mandated end of course exam which counts as 20% of the final grade.

BIOLOGY HONORS (322100HW)

Prerequisites: *N/A*

Biology is the study of living organisms and their interactions with the environment. Students will develop and use models to understand cells as a system and their replication, energy transfer, heredity and genetics, evolution, ecology. Laboratory investigations include hands-on experiences using microscopes to study human cells, plant cells, and other organisms, modeling biomolecules, analyzing genetic code and DNA structure, and patterns in genetics including pedigree charts, punnet squares, and DNA fingerprinting. At the Honors level, students are expected to have a deeper understanding of the content covered in class and will explore topics in greater detail. Examples include calculating the Hardy Weinberg Equilibrium principle, active transport processes including endocytosis and exocytosis, and in depth analysis of protein synthesis, Krebs Cycle, and dihybrid crosses. Understanding biological principles is essential for careers in healthcare, environmental science, biotechnology, and supports informed decision-making as a scientifically literate citizen. Students are required to take the state mandated end of course exam which counts as 20% of the final grade.

MARINE SCIENCE (322500CW)

Prerequisites: *Biology*

Marine Science is an exciting, interdisciplinary course that explores the wonders of Earth's oceans and the critical role they play in our world. Students gain a deeper appreciation for marine organisms while emphasizing conservation efforts to preserve the ecosystems they depend on. Topics include marine ecosystems, physical oceanography, marine geology, and ocean exploration techniques. Students participate in labs including research projects, field studies, water quality sampling, identify species, mapping ocean systems, and analyze real-world environmental data. Students develop strong foundations in physical, chemical, and biological oceanography, and the course provides ample preparation for future college-level coursework in marine biology, environmental conservation, fisheries, or coastal management.

MARINE SCIENCE HONORS (322500HW)

Prerequisites: *Biology Honors or Biology CP with an 85+*

Marine Science is an exciting, interdisciplinary course that explores the wonders of Earth's oceans and the critical role they play in our world. Students gain a deeper appreciation for marine organisms while emphasizing conservation efforts to preserve the ecosystems they depend on. Topics include marine ecosystems, physical oceanography, marine geology, and ocean exploration techniques. Students participate in labs including research projects, field studies, water quality sampling, identify species, mapping ocean systems, and analyze real-world environmental data. At the Honors level, students are expected to take more ownership through inquiry-based learning approaches, more self-directed exploration, and critical thinking. Students develop strong foundations in physical, chemical, and biological oceanography, and the course provides ample preparation for future college-level coursework in marine biology, environmental conservation, fisheries, or coastal management.

INTEGRATED SCIENCE - WILDLIFE BIOLOGY (321000CW)

Prerequisites: *Biology*

This course introduces students to wildlife biology and covers basic management techniques while addressing social and environmental issues. Students will learn about the habitats and species native to South Carolina. Additional topics investigated include: forestry, fire ecology, population dynamics, keystone species, and environmental policies. This course supports career opportunities in the field of natural resource management, conservation, veterinary science, and outdoor recreation.

INTEGRATED SCIENCE HONORS - WILDLIFE BIOLOGY (321000HW)

Prerequisites: *Biology Honors or Biology CP with an 85+*

This course introduces students to wildlife biology and covers basic management techniques while addressing social and environmental issues. Students will learn about the habitats and species native to South Carolina. Additional topics investigated include: forestry, fire ecology, population dynamics, keystone species, and environmental policies. At the Honors level, students are expected to have a deeper understanding of the content covered in class and will explore topics in greater detail. Examples include conducting species habitat analysis, maintaining a field journal, and researching relevant case studies. This course supports career opportunities in the field of natural resource management, conservation, veterinary science, and outdoor recreation.

CHEMISTRY 1 (323100CW)

Prerequisites: *Biology and Concurrent with Algebra 1*

Chemistry is the study of matter and its interactions. Core topics include atomic theory, chemical bonding and formulas, reactions, stoichiometry, states of matter, thermodynamics, solubility, and acids and bases. Students participate in labs that include single and double replacement, combustion, kinetics, flame tests, and other quantitative and qualitative investigations. A solid foundation in chemistry is critical for careers in medicine, engineering, pharmacology, and environmental sciences, and develops essential problem-solving skills.

CHEMISTRY 1 HONORS (323100HW)

Prerequisites: *Biology Honors or Biology CP with an 85+ and Concurrent with Algebra 1*

Chemistry is the study of matter and its interactions. Core topics include atomic theory, chemical bonding and formulas, reactions, stoichiometry, states of matter, thermodynamics, solubility, and acids and bases. Students participate in labs that include single and double replacement, combustion, kinetics, flame tests, and other quantitative and qualitative investigations. At the Honors level, students are expected to have a deeper understanding of the content covered in class and will explore topics in greater detail. Examples include electron configurations, net ionic reactions and calculations using higher mathematical reasoning such as limiting reactants, pH of acids and bases, and speed and energy of light equations. A solid foundation in chemistry is critical for careers in medicine, engineering, pharmacology, and environmental sciences, and develops essential problem-solving skills.

PHYSICS (324100CW)

Prerequisites: *Biology and Algebra 1*

Physics explores the fundamental laws of the universe, including motion, projectiles, forces, energy, momentum, and waves. In this class students will collect data and use mathematical reasoning to support concepts and solve real world scenarios. Hands-on labs include experiments with motion sensors and frictionless tracks, catapults, aerodynamics, and analysis of seismic waves. Physics develops critical thinking and quantitative skills useful in fields such as engineering, computer science, architecture, and technology-related careers.

PHYSICS HONORS (324100HW)

Prerequisites: *Biology Honors or Biology CP with an 85+*
Algebra 1 Honors or Algebra 1 CP with an 85+

Physics explores the fundamental laws of the universe, including motion, projectiles, forces, energy, momentum, and waves. In this class students will collect data and use mathematical reasoning to support concepts and solve real world scenarios. Hands-on labs include experiments with motion sensors and frictionless tracks, catapults, aerodynamics, and analysis of seismic waves. At the Honors level, students are expected to have a deeper understanding of the content covered in class and will explore topics in greater detail. Examples include objects in circular motion, universal gravitation, and more advanced calculations with projectiles, inclined planes, and forces. Physics develops critical thinking and quantitative skills useful in fields such as engineering, computer science, architecture, and technology-related careers.

ASTRONOMY (325100CW)

Prerequisites: *Biology*

Astronomy investigates the structure, origin, and evolution of the universe. Topics include the solar system, light, stars, galaxies, cosmology, and space exploration. Students engage in observational labs using telescopes, data analysis from astronomical databases, and simulations of orbital modeling. This course nurtures scientific curiosity and analytical thinking, and supports pathways in astrophysics, aerospace, science communication, and space sciences.

ASTRONOMY HONORS (325100HW)

Prerequisites: *Biology Honors or Biology CP with an 85+*

Astronomy investigates the structure, origin, and evolution of the universe. Topics include the solar system, light, stars, galaxies, cosmology, and space exploration. Students engage in observational labs using telescopes, data analysis from astronomical databases, and simulations of orbital modeling. At the Honors level, students are expected to have a deeper understanding of the content covered in class, and will explore topics in greater detail. Examples include advanced mathematical modeling of celestial motions and calculating orbital parameters and mechanics. This course nurtures scientific curiosity and analytical thinking, and supports pathways in astrophysics, aerospace, science communication, and space sciences.

ENVIRONMENTAL SCIENCE (326100CW)

Prerequisites: *Biology*

This interdisciplinary course focuses on ecological principles, sustainability, human population dynamics, and addresses environmental challenges such as climate change and depletion of natural resources. While discussing these topics, students will learn to advocate for change and environmental justice. Students conduct field and lab investigations including soil and water testing, ecological footprint analysis, citizen data collection, and model energy flow amongst ecosystems. Environmental Science prepares and empowers students to make informed decisions relating to environmental issues and supports careers in sustainability, conservation, policy, and green technologies.

ENVIRONMENTAL SCIENCE HONORS (326100HW)

Prerequisites: *Biology Honors or Biology CP with an 85+*

This interdisciplinary course focuses on ecological principles, sustainability, human population dynamics, and addresses environmental challenges such as climate change, and depletion of natural resources. While discussing these topics, students will learn to advocate for change and environmental justice. Students conduct field and lab investigations including soil and water testing, ecological footprint analysis, citizen data collection, and model energy flow amongst ecosystems. At the Honors level, students are expected to have a deeper understanding of the content covered in class, and will explore topics in greater detail. Environmental Science prepares and empowers students to make informed decisions relating to environmental issues and supports careers in sustainability, conservation, policy, and green technologies.

ANATOMY AND PHYSIOLOGY (326300CW)

Prerequisites: *Biology and Chemistry*

Anatomy and Physiology provides a comprehensive study of the human body's structure and function, covering systems such as muscular, skin and membranes, skeletal, circulatory, nervous, respiratory, digestive, and urinary. Labs include dissections, physiological monitoring (e.g., heart rate, reflexes), and models that allow for hands-on exploration of human systems. This course is especially beneficial for students interested in health sciences, sports medicine, and other medical and wellness professions.

ANATOMY AND PHYSIOLOGY HONORS (326300HW)

Prerequisites: *Biology Honors or Biology CP with an 85+*
Chemistry Honors or Chemistry CP with an 85+

Anatomy and Physiology provides a comprehensive study of the human body's structure and function, covering systems such as muscular, skin and membranes, skeletal, circulatory, nervous, respiratory, digestive, and urinary. Labs include dissections, physiological monitoring (e.g., heart rate, reflexes), and models that allow for hands-on exploration of human systems. At the Honors level, students are expected to have a deeper understanding of the content covered in class, and will explore topics in greater detail. This course is especially beneficial for students interested in health sciences, sports medicine, and other medical and wellness professions.

AP BIOLOGY (327200AW) - Biology 2 Honors in the fall; AP Biology in the spring

Prerequisites: *Biology Honors or Biology CP with an 85+*
Chemistry Honors or Chemistry CP with an 85+

AP Biology is a college-level course that delves deeper into cellular processes, energy and communication, genetic information transfer, evolution, and ecology. Emphasis is placed on scientific inquiry and evidence-based reasoning. Students complete rigorous lab work including DNA analysis, enzyme activity, population modeling, animal behavior, energy processing, and gel electrophoresis aligned with AP lab standards. This course is ideal for students pursuing advanced study in biological sciences, healthcare, or research and fulfills introductory biology requirements at many colleges. Students enrolled in this class are required to take the Advanced Placement exam.

AP CHEMISTRY (327300AW) - Chemistry 2 Honors in the fall; AP Chemistry in the spring

Prerequisites: *Biology Honors or Biology CP with an 85+*
Chemistry Honors or Chemistry CP with an 85+

AP Chemistry is a rigorous, college-level study of chemical principles including equilibrium, kinetics, thermodynamics, atomic theory, acids and bases, and electrochemistry. Lab investigations are designed to develop analytical techniques and problem solving, such as rate determination of reactions, calorimetry, titration, and electrolysis. This course supports college preparation for STEM majors including science, health, and engineering majors and develops high-level scientific reasoning. Students enrolled in this class are required to take the Advanced Placement exam.

AP ENVIRONMENTAL SCIENCE (327700AW) - Yearlong Skinny

Prerequisites: *Chemistry Honors or Chemistry CP with an 85+*
Algebra 1 Honors or Algebra 1 CP with an 85+

AP Environmental Science is an exciting, college-level course where students explore how Earth's systems work and how humans impact them. The interdisciplinary framework blends all sciences as students explore ecosystems, biodiversity, populations, earth systems and resources, land and water use, energy, pollution, and global change. Labs and fieldwork are expected including water quality testing, soil analysis, surveying biodiversity, and designing investigations to explore real environmental problems. AP Environmental Science builds a strong foundation for careers in environmental policy, science engineering, and global sustainability efforts. Students enrolled in this class are required to take the Advanced Placement exam.

AP PHYSICS 1 (327700AW) - Yearlong Skinny

Prerequisites: *Algebra 1 Honors or Algebra 1 CP with an 85+*

AP Physics 1 introduces students to foundational physics concepts including Newtonian mechanics, forces, energy, work, momentum, circular motion, and fluids. The course is algebra-based and emphasizes conceptual understanding and application. Students engage in inquiry-based labs with motion sensors, dynamics carts, and energy transfer systems to explore physical laws in action. This course is valuable preparation for STEM majors, engineering, architecture, and fields requiring strong mathematical and analytical skills. Students enrolled in this class are required to take the Advanced Placement exam.

SOCIAL STUDIES

MODERN WORLD HISTORY (336000CW)

Prerequisites: *N/A*

This course, designed for students in the 10th Grade, will have students begin by learning about the emergence of the Modern World from 1300–1500, global affairs and interactions (1450– 1815), the rise of the new governments and competition in the global community (1815–1918), the emergence of new world powers (1885–1950), and the world from World War II to present day (1933–present). To encourage inquiry, the grade 10 Modern World History standards are constructed around the following six themes: Cultural Development and Interaction, Economic Systems and Interaction, Foundations of Government and State Building, Global Citizenship, Human Experience, and Innovation and Change.

MODERN WORLD HISTORY HONORS (336000HW)

Prerequisites: *N/A*

This course, designed for Honors students in the 10th Grade, will have students begin by learning about the emergence of the Modern World from 1300–1500, global affairs and interactions (1450– 1815), the rise of the new governments and competition in the global community (1815–1918), the emergence of new world powers (1885–1950), and the world from World War II to present day (1933–present). Students will learn all Modern World History through the lens of inquiry in order to study the world that trade created, which led to the influence of interactions of various changes to culture, governments, ideas, innovation, people, religion, and revolution with an intent to create a citizen who has a global perspective.

AP WORLD HISTORY (337700AW)

Prerequisites: *8th grade Social Studies Honors with a 90+*

Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Requires Advanced Placement Exam.

WESTERN CIVILIZATION (336500CW)

Prerequisites: *N/A*

Students study western culture from its roots in ancient history to modernity by analyzing important primary sources, which illuminate the milieu and impact of each era. This approach helps students gain an appreciation for the significant cultural contributions of western civilization.

AP EUROPEAN HISTORY (337600AW)

Prerequisites: *N/A*

This course investigates the cultural, economic, political, and social developments of significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present in Europe. Students analyze key themes such as the development of modern nation-states, revolution, conflict, and the role of political and social ideology. The course emphasizes historical thinking skills, including analyzing primary and secondary sources, making historical arguments, and drawing connections across multiple time periods. Requires Advanced Placement Exam.

U.S. HISTORY AND CONSTITUTION (332000CW)

Prerequisites: *N/A*

This course utilizes historical thinking skills and chronological organization to investigate themes in American culture and identity; capitalism and technological innovation; expansion, regionalism, and union; founding principles and political institutions; migration and mobility; and natural rights and social development. Requires End of Course Exam.

U.S. HISTORY AND CONSTITUTION HONORS (332000HW)

Prerequisites: *N/A*

This course utilizes historical thinking skills and chronological organization to investigate themes in American culture and identity; capitalism and technological innovation; expansion, regionalism, and union; founding principles and political institutions; migration and mobility; and natural rights and social development. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity. Requires End of Course Exam.

AP U.S. HISTORY (337200AW)

Prerequisites: *N/A*

This course investigates significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present through the development and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Requires End of Course AND Advanced Placement Exam.

U.S. GOVERNMENT (333000CH)

Prerequisites: *N/A*

This course provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens. Topics in civic engagement are founded in the historical and philosophical principles, political values and institutions, and processes of law that shaped and continue to sustain America's constitutional democracy.

U.S. GOVERNMENT HONORS (333000HH)

Prerequisites: *N/A*

This course provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens. Topics in civic engagement are founded in the historical and philosophical principles, political values and institutions, and processes of law that shaped and continue to sustain America's constitutional democracy. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

AP U.S. GOVERNMENT AND POLITICS (337300AW)

Prerequisites: *N/A*

This course provides a nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. It includes the study of U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. Students engage in disciplinary practices requiring them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Requires Advanced Placement Exam.

ECONOMICS AND PERSONAL FINANCE (330800CH)

Prerequisites: *N/A*

This course examines economics and personal finance, including rational decision making, connections between personal finance and short-term and long-term goals, exchange and markets, economic indicators and policy making, and the impact of economic incentives.

ECONOMICS AND PERSONAL FINANCE HONORS (330800HH)

Prerequisites: *N/A*

This course examines economics and personal finance, including rational decision making, connections between personal finance and short-term and long-term goals, exchange and markets, economic indicators and policy making, and the impact of economic incentives. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

AP MACROECONOMICS (337400AW)

Prerequisites: *N/A*

This course focuses on the principles that apply to an economic system as a whole, placing particular emphasis on the study of national income and price-level determination. It also develops familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Skills emphasize the use of graphs, charts, and data to analyze, describe, and explain economic concepts. Requires Advanced Placement Exam.

AP MICROECONOMICS (337500AW)

Prerequisites: *N/A*

This course focuses on the principles of economics that apply to the functions of individual economic decision-makers. It develops familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Skills emphasize the use of graphs, charts, and data to analyze, describe, and explain economic concepts. Requires Advanced Placement Exam.

PSYCHOLOGY (334000CW)

Prerequisites: *N/A*

The CP Psychology course introduces students to the scientific study of human behavior and mental processes. Topics include brain function, learning, memory, personality, psychological disorders, and social influences on behavior. Through discussions, projects, and experiments, students develop critical thinking and analytical skills while exploring real-world psychological concepts.

AP PSYCHOLOGY (437100AW)

Prerequisites: *N/A*

This course introduces the systematic and scientific study of human behavior and mental processes. It examines psychologists and studies that have shaped the field, psychological theories and their applications, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and/or social psychology. Requires Advanced Placement Exam.

SOCIOLOGY (334500CW)

Prerequisites: *N/A*

This course introduces the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions.

AFRICAN AMERICAN STUDIES HONORS (339906HW)

Prerequisites: *N/A*

This Honors African American Studies course offers an in-depth exploration of the history, culture, and contributions of African Americans from pre-colonial Africa to the present day. Students will examine key themes such as resistance, identity, civil rights, and the importance of African American culture in the United States today. Through critical analysis of primary sources, literature, art, and historical texts, students will engage in thoughtful discussions and research-based projects. The honors designation reflects a rigorous pace and higher expectations for independent thinking, writing, and analysis. Students are highly encouraged to take the AP African American Studies Exam at the end of the year.

AP COMPARATIVE GOVERNMENT AND POLITICS (337800AW)

Prerequisites: *N/A*

This is a college-level course that introduces students to the study of political systems and governance outside of the United States. The course focuses on six core countries—China, Iran, Mexico, Nigeria, Russia, and the United Kingdom—to explore concepts such as sovereignty, political institutions, civil society, and public policy. Students develop skills in comparison and analysis, using case studies to understand similarities and differences in political structures and processes. Requires Advanced Placement Exam.

DE MACROECONOMICS - ECO 210 (335700EW) - 4th Block ONLY

Prerequisites: *Placement Test or SAT/ACT scores; Trident Application & Fee Required*

This course covers the study of fundamental principles and policies of a modern economy including markets and prices, national income accounting, cycles, employment theory and fiscal policy, banking and monetary controls, and the government's role in economic decisions and growth.

DE AMERICAN GOVERNMENT - PSC 201, POL 101 (333100EW) - Online ONLY

Prerequisites: *Placement Test or SAT/ACT scores; Trident Application & Fee Required*

This course is a study of national governmental institutions with emphasis on the Constitution; the functions of executive, legislative and judicial branches; civil liberties; and the role of the electorate.

WORLD LANGUAGES

FRENCH 1 (361100CW)

Prerequisites: *N/A*

This course introduces French language fundamentals and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of French-speaking countries and cultures. This course is taught primarily in French.

Target proficiency level: Novice Mid

FRENCH 2 (361200CW)

Prerequisites: *French 1*

This course develops an understanding of French language and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of French-speaking countries and cultures. This course is taught primarily in French.

Target proficiency level: Novice Mid-Novice High

FRENCH 3 (361300CW)

Prerequisites: *French 2*

This course develops an understanding of French language and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of French-speaking countries and cultures. This course is taught primarily in French.

Target proficiency level: Novice High-Intermediate Low

FRENCH 3 HONORS (361300HW)

Prerequisites: *French 2 with an 85+*

This course further develops an understanding of French language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught in French, and students are expected to speak French in class. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

Target proficiency level: Intermediate Low

FRENCH 4 HONORS (361400HW)

Prerequisites: *French 3 Honors or French 3 CP with an 85+*

This course further develops an understanding of French language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught in French, and students are expected to speak French in class.

Target proficiency level: Intermediate Mid

GERMAN 1 (362100CW)

Prerequisites: *N/A*

This course introduces German language fundamentals and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of German-speaking countries and cultures. This course is taught primarily in German.

Target proficiency level: Novice Mid

GERMAN 2 (362200CW)

Prerequisites: *German 1*

This course develops an understanding of German language and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of German-speaking countries and cultures. This course is taught primarily in German.

Target proficiency level: Novice Mid-Novice High

GERMAN 3 HONORS (362300HW)

Prerequisites: *German 2*

This course further develops an understanding of German language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught in German, and students are expected to speak German in class.

Target proficiency level: Intermediate Low

GERMAN 4 HONORS (362400HW)

Prerequisites: *German 3 Honors with an 85+*

This course further develops an understanding of German language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught in German, and students are expected to speak German in class.

Target proficiency level: Intermediate Mid

LATIN 1 (363100CW)

Prerequisites: *N/A*

This course introduces Latin language fundamentals and Greco-Roman culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Elementary Latin vocabulary and grammar build a foundation for reading simple Latin stories and gaining insight into the English language and the impact of Greco-Roman art, history, culture, and mythology on the modern world. Language learning is facilitated through projects, presentations, class discussions and technology based activities.

LATIN 2 (363200CW)

Prerequisites: *Latin 1*

This course develops an understanding of Latin language fundamentals and Greco-Roman culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Latin vocabulary and grammar build a foundation for reading Latin texts and gaining insight into the English language and the impact of Greco-Roman art, history, culture, and mythology on the modern world. Language learning is facilitated through projects, presentations, class discussions and technology-based activities.

LATIN 3 HONORS (363300HW)

Prerequisites: *Latin 2*

This course further develops an understanding of Latin language skills and Greco-Roman culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Latin vocabulary and grammar build a foundation for reading Latin texts and gaining insight into the English language and the impact of Greco-Roman art, history, culture, and mythology on the modern world. Language learning is facilitated through projects, presentations, class discussions and technology-based activities.

AP LATIN LITERATURE (367700AW)

Prerequisites: *Latin 3 Honors with an 85+*

This course requires an in-depth study of selections from two of the greatest works in Latin literature, Vergil's Aeneid and Caesar's Gallic War. An emphasis is placed on preparing and translating readings and considering themes in the context of ancient literature. Key concepts include literary techniques, Roman values, war and empire, leadership, views of non-Romans, history and memory, and human beings and the gods. Requires Advanced Placement Exam.

SPANISH 1 (365100CW) - Semester Block or Yearlong Skinny

Prerequisites: *N/A*

This course introduces Spanish language fundamentals and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of Spanish-speaking countries and cultures. This course is taught primarily in Spanish.

Target proficiency level: Novice Mid

SPANISH 2 (365200CW)

Prerequisites: *Spanish 1*

This course develops an understanding of Spanish language and culture with an emphasis on key communication skills, including reading, listening, writing, and speaking. Language learning is facilitated through projects, presentations, class discussions and technology-based activities. Media, songs, games, and adapted readings support an investigation of Spanish-speaking countries and cultures. This course is taught primarily in Spanish.

Target proficiency level: Novice Mid-Novice High

SPANISH 3 (365300CW)

Prerequisites: *Spanish 2*

This course further develops an understanding of Spanish language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught primarily in Spanish.

Target proficiency level: Novice High-Intermediate Low

SPANISH 3 HONORS (361300HW)

Prerequisites: *Spanish 2 with an 85+*

This course further develops an understanding of Spanish language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught in Spanish, and students are expected to speak Spanish in class. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

Target proficiency level: Intermediate Low

SPANISH 4 HONORS (365400HW) - Semester Block or Yearlong Skinny

Prerequisites: *Spanish 3 Honors with an 85+*

This course further develops an understanding of Spanish language and culture with an emphasis on authentic communication. Projects, presentations, and technology-based activities utilize authentic materials to understand literature and history, and compare civilizations and cultures. This course is taught in Spanish, and students are expected to speak Spanish in class.

Target proficiency level: Intermediate Mid

AP SPANISH LANGUAGE AND CULTURE (367500AW)

Prerequisites: *Spanish 4 Honors with an 85+*

This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. Key topics and learning objectives include cultural exploration in both contemporary and historical contexts and an awareness of cultural products, practices, and perspectives. This course is taught almost exclusively in Spanish. Requires Advanced Placement Exam.

Target proficiency level: Intermediate Mid-Advanced Low

AP SPANISH LITERATURE AND CULTURE (367600AW)

Prerequisites: *AP Spanish Language and Culture (or taken concurrently)*

This course is an exploration of social, cultural, and historical events through literature. It is conducted almost exclusively in Spanish using authentic materials from the Spanish-speaking world. These materials include short stories, poems and songs, short novels, and excerpts from feature films and documentaries. Students will continue to develop their writing, listening, reading, and speaking skills across the three communicative modes: Interpersonal (informal speech and writing), Interpretive (reading and listening), and Presentational (formal speech and writing). Requires Advanced Placement Exam.

Target proficiency level: Advanced Low

FINE ARTS

THEATRE

THEATRE 1 (452100CW)

Prerequisites: *N/A*

This course introduces theatre content and processes including playwriting, acting, designing and technical theatre, directing, researching, making connections, valuing and responding, and relating history and culture.

THEATRE 1 HONORS (452100HW)

Prerequisites: *9th Grade Students - Application and Audition*

This course is designed for ninth grade students with theatre experience.

THEATRE 2 (452200CW)

Prerequisites: *Theatre 1*

This course develops theatre content and processes including playwriting, acting, designing and technical theatre, directing, researching, making connections, valuing and responding, and relating history and culture.

THEATRE 2 HONORS (452200HW)

Prerequisites: *10th Grade Students - Audition Required*

This course develops theatre content and processes including playwriting, acting, designing and technical theatre, directing, researching, making connections, valuing and responding, and relating history and culture. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

THEATRE 3 (452300CW)

Prerequisites: *Theatre 2*

This course further develops theatre content and processes including playwriting, acting, designing and technical theatre, directing, researching, making connections, valuing and responding, and relating history and culture.

THEATRE 3 HONORS (452300HW)

Prerequisites: *11th Grade Students - Audition Required*

This course further develops theatre content and processes including playwriting, acting, designing and technical theatre, directing, researching, making connections, valuing and responding, and relating history and culture. The honors course exceeds the college preparatory course in rigor, complexity, challenges, and creativity.

THEATRE 4 HONORS (452400HW)

Prerequisites: *12th Grade Students - Audition Required*

This course develops theatre content and processes including playwriting, acting, designing and technical theatre, directing, researching, making connections, valuing and responding, and relating history and culture.

TECHNICAL THEATRE ARTS 1H-4H (452500HW)

Prerequisites: *Theatre 1 Recommended*

This course introduces and develops skills in planning, designing, making, and critiquing technical elements of production including the set, lighting, sound, costumes, properties, and hair and makeup. An emphasis is placed on collaboration and teamwork.

BAND

MARCHING BAND WITH PE (450810CW)

Prerequisites: *Audition Required*

This course develops concert and marching band repertoire while exploring the concepts of music, and their cultural evolution and significance. Each unit aligns Marching Band Skills, SCCCR Instrumental Music Focus Standards, and SCCCR Physical Education Standards.

BAND 1 & 2 HONORS (353000HW)

Prerequisites: *Audition Required*

This course further reinforces the skills needed for arranging, performing, and responding to instrumental music. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance. This course is for band members who do not participate in Marching Band.

BAND 3 & 4 HONORS (353200HW)

Prerequisites: *Audition Required*

This course introduces the skills needed for arranging, performing, and responding to instrumental music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance.

BAND 5 & 6 HONORS (353300HW)

Prerequisites: *Audition Required*

This course introduces the skills needed for arranging, performing, and responding to instrumental music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance.

BAND 7 & 8 HONORS (353400HW)

Prerequisites: *Audition Required*

This course introduces the skills needed for arranging, performing, and responding to instrumental music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance.

JAZZ BAND (453100HW)

Prerequisites: *Director approval and basic proficiency on a band instrument or rhythm section instrument*

Jazz is a performance-based course that introduces students to the fundamentals of jazz style, theory, and improvisation through performance. Students perform a variety of styles, including swing, Latin, and funk, while developing tone, rhythmic precision, and stylistic interpretation. This course serves as strong preparation for participation in Jazz 1 or Jazz 2 Honors.

MUSIC THEORY HONORS (356400HW)

Prerequisites: *N/A*

This course introduces the basic compositional concepts of tonal music through written and aural skills. This course serves as a prerequisite to AP Music Theory.

AP MUSIC THEORY (357600AW)

Prerequisites: *Music Theory Honors/Teacher Recommendation or Entrance Exam*

AP Music Theory is a course designed to develop skills in music theory and analysis, composition, arranging, and aural cognition.

CHORUS

CHORUS 1 & 2 HONORS (354100HW)

Prerequisites: *Audition Required*

This course introduces the skills needed for arranging, performing, and responding to choral music. An emphasis is also placed on connecting musical ideas and works to personal experience, careers, culture, history, and other disciplines.

CHORUS 3 & 4 HONORS (354200HW)

Prerequisites: *Audition Required*

This course develops the skills needed for arranging, performing, and responding to choral music. An emphasis is also placed on connecting musical ideas and works to personal experience, careers, culture, history, and other disciplines.

CHORUS 5 & 6 HONORS (354300HW)

Prerequisites: *Audition Required*

This course further develops the skills needed for arranging, performing, and responding to choral music. An emphasis is also placed on connecting musical ideas and works to personal experience, careers, culture, history, and other disciplines.

CHORUS 7 & 8 HONORS (354400HW)

Prerequisites: *Audition Required*

This course further develops the skills needed for arranging, performing, and responding to choral music. An emphasis is also placed on connecting musical ideas and works to personal experience, careers, culture, history, and other disciplines.

ORCHESTRA

ORCHESTRA 1 & 2 HONORS (355000HW)

Prerequisites: *Audition Required*

This course further reinforces the skills needed for arranging, performing, and responding to instrumental music. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance.

ORCHESTRA 3 & 4 HONORS (355200HW)

Prerequisites: *Audition Required*

This course develops the skills needed for arranging, performing, and responding to instrumental music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance.

ORCHESTRA 5 & 6 HONORS (355300HW)

Prerequisites: *Audition Required*

This course further develops the skills needed for arranging, performing, and responding to instrumental music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance.

GUITAR 1 (356700CW)

Prerequisites: *N/A*

This course serves as an introductory course, covering fundamental music and guitar skills through hands-on exercises and teacher-led instruction. Students learn basic music theory, proper left and right-hand techniques, how to read tablature, and how to play chords and scales, all while working towards playing simple songs and developing a foundation for various musical styles.

DANCE

DANCE 1 (450100CW)

Prerequisites: *N/A*

This course introduces the skills needed for creating and exploring through movement, developing technical proficiency and effective expression, and interpreting and evaluating performance art. A focus is also placed on connecting dance with personal expression and career goals.

DANCE 2 (450200CW)

Prerequisites: *Dance 1*

This course develops the skills needed for creating and exploring through movement, developing technical proficiency and effective expression, and interpreting and evaluating performance art. A focus is also placed on connecting dance with personal expression and career goals.

DANCE 3 (4501300CW)

Prerequisites: *Dance 2*

This course further develops the skills needed for creating and exploring through movement, developing technical proficiency and effective expression, and interpreting and evaluating performance art. A focus is also placed on connecting dance with personal expression and career goals.

DANCE 4 HONORS (450400HW)

Prerequisites: *Audition or Instructor Approval*

This course further develops the skills needed for creating and exploring through movement, developing technical proficiency and effective expression, and interpreting and evaluating performance art. A focus is also placed on connecting dance with personal expression and career goals.

VISUAL ARTS

ART 1 (350100CW)

Prerequisites: *N/A*

This course introduces the content and skills needed to use different materials, techniques, and processes to create and improve original works of art. It also develops literacy in visual arts by emphasizing the description, interpretation, and evaluation of art in the context of personal and external meaning, art history, and world culture.

ART 2 (350200CW)

Prerequisites: *Art 1*

This course develops the content and skills needed to use different materials, techniques, and processes to create and improve original works of art. It also develops literacy in visual arts by emphasizing the description, interpretation, and evaluation of art in the context of personal and external meaning, art history, and world culture.

ART 3 HONORS (350300HW)

Prerequisites: *Art 2*

This course further develops the content and skills needed to use different materials, techniques, and processes to create and improve original works of art. It also develops literacy in visual arts by emphasizing the description, interpretation, and evaluation of art in the context of personal and external meaning, art history, and world culture.

ART 4 HONORS (350400HW)

Prerequisites: *Art 3 Honors*

This course further develops the content and skills needed to use different materials, techniques, and processes to create and improve original works of art. It also develops literacy in visual arts by emphasizing the description, interpretation, and evaluation of art in the context of personal and external meaning, art history, and world culture.

CERAMICS 1 (456100CW)

Prerequisites: *Art 1*

This course is a beginner-level pottery course that introduces students to the basic principles and techniques of working with clay as a medium for artistic expression. The course aims to provide hands-on experience with the foundational skills necessary for creating functional and decorative ceramic pieces through basic hand-building and wheel-throwing techniques. Come sling some mud and make bowls, cups, and more!

CERAMICS 2 (456200CW)

Prerequisites: *Ceramics 1*

Ceramics/Pottery courses engage students in learning experiences that include the historical and cultural context of ceramics, aesthetic inquiry, and creative production. These courses provide knowledge of ceramic techniques (e.g., kiln firing and glazing) and processes with an emphasis on creative design and craftsmanship. Courses may include clay modeling, hand building, coil building, casting, and throwing on the potter's wheel.

3D DESIGN 1 HONORS (350500HW)

Prerequisites: *Art 1*

This is a foundational sculpture course. In this course, students will work with additive and subtractive processes to manipulate and build sculptural forms using traditional materials. Students will explore how materials such as paper, wood, wire, clay, etc. and techniques can be transformed to create art in-the-round.

3D DESIGN 2 HONORS (350600HW)

Prerequisites: *3D Design 1 Honors*

This sculpture course builds on prior knowledge from all previous courses. Students will continue to work with paper, wood, wire, found objects, clay, etc. in a more advanced and conceptual manner. This is a fast-paced, hands-on studio environment that provides a greater range of artistic freedom and challenges students to develop their technical skill and find their artistic voice.

MEDIA ARTS 1 (351500HW)

Prerequisites: *N/A*

This course introduces the skills needed for the creation and refinement of art in animation; film studies; graphic design; sound design and recording; digital photography; digital painting/illustration; and/or social media/web presence. An emphasis is placed on career opportunities, digital citizenship, and the role of media arts in the classroom and beyond.

MEDIA ARTS 2 (351600CW)

Prerequisites: *Media Arts 1*

This course further develops the skills needed for the creation and refinement of digital art, building upon illustration, animation, and design skills learned in Media Arts 1. Students will create and expand their media arts skills set focusing on personal exploration of ideas, concepts and solutions to design problems through a variety of media arts formats.

AP ART HISTORY (357100AW)

Prerequisites: *N/A*

This course cultivates an understanding of art history through analyzing works of art and placing them in historical context while exploring concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis. Requires Advanced Placement Exam.

AP ART STUDIO: DRAWING (357200AW)

Prerequisites: *N/A*

This course supports the creation of a portfolio demonstrating synthesis of materials, processes, and ideas using drawing skills. Requires Advanced Placement Portfolio/Exam.

AP ART STUDIO: 2D DESIGN (357400AW)

Prerequisites: *N/A*

This course supports the creation of a portfolio demonstrating synthesis of materials, processes, and ideas using 2-D art and design skills. Requires Advanced Placement Portfolio/Exam.

AP 3-D ART AND DESIGN (357500AW)

Prerequisites: *N/A*

This course supports the creation of a portfolio demonstrating synthesis of materials, processes, and ideas using 3-D art and design skills. Requires Advanced Placement Portfolio/Exam.

CTE – CAREER & TECHNOLOGY

The following CTE courses are offered at Wando High School. Additional CTE courses are offered at the East Cooper Center for Advanced Studies on the same campus.

FUNDAMENTALS OF COMPUTING (502300CW)

Prerequisites: *N/A*

This course emphasizes the use of critical thinking and problem solving skills to implement projects that are relevant to students' lives. Students create a variety of computing artifacts while collaborating in teams. Students gain a fundamental understanding of the history and operation of computers, programming, and web design.

FUNDAMENTALS OF WEB PAGE DESIGN & DEVELOPMENT (503100CW)

Prerequisites: *N/A*

Fundamentals of Web Page Design guides students in the development of websites in a project-based, problem-solving environment. Students will learn the industry standard languages, HTML and CSS, which are used in every website on the web today. Students will learn how to create a portfolio of content-rich, well-styled websites. Successful completion of this course will prepare students for industry certification.

DIGITAL PUBLICATION DESIGN (517600CW)

Prerequisites: *N/A*

Digital Publication Design combines the business world with graphic design and allows students to use their creativity to produce business and personal publications. Students create, format, illustrate, design, edit/revise, and print publications including newsletters, flyers, brochures, reports, advertising materials, catalogs, posters, and other publications. Students who excel have the opportunity to earn nationally recognized Adobe certification.

IMAGE EDITING (534000CW)

Prerequisites: *N/A*

Image editing tools are used by industry professionals to edit and enhance most images presented in magazines, newspapers, and other media. Image Editing provides students with the knowledge and skills needed to master image manipulation and photographic retouching. Students will explore the technical and artistic aspects of image editing by creating images to be used in various types of media. Successful completion of this course will prepare the student for industry certification.

FOUNDATIONS OF ANIMATION (535000CW)

Prerequisites: *N/A*

Foundations of Animation prepares students to use artistic and technological foundations to create animations. The basic principles of digital animation will be reviewed, including character development and story conception through production. Students learn the technical language used in the animation industry and basic animation methods. Students will also learn techniques about various ways to plan, create, and prepare for animation in pre-production, production and postproduction. This course prepares students for the Adobe Certified Associate for Flash/Animate Creative Cloud (CC) certification exam.

PERSONAL FINANCE HONORS (514100HH)

Prerequisites: *N/A*

Personal Finance introduces students to the fundamentals of personal finance, which include budgeting, credit and lending processes, maintaining accounts, evaluating investments, managing financial risk, computing taxes, and analyzing the basic elements of finance. Students will be exposed to the tools and knowledge to make sound financial decisions for life.

ADVANCED PERSONAL FINANCE (513100CW)

Prerequisites: *N/A*

Personal Finance further introduces students to the fundamentals of personal finance, which include budgeting, credit and lending processes, maintaining accounts, evaluating investments, managing financial risk, computing taxes, and analyzing the basic elements of finance. Students will be exposed to the tools and knowledge to make sound financial decisions for life. This course can be used to meet the Personal Finance graduation requirement.

BUSINESS FINANCE (527300CW)

Prerequisites: *N/A*

Business Finance provides students with an understanding of how corporations, organizations, and businesses handle money. Concepts include the management of money, accounting methodologies, investing strategies, and effective financial management.

BUSINESS LAW (504400CW)

Prerequisites: *N/A*

Business Law develops an understanding of legal rights and responsibilities in personal and business law with applications applied to everyday roles as consumers, citizens, and workers. The student will have an understanding of the American legal system, courts/court procedures, criminal justice systems, torts, the civil justice system, oral and written contracts, sales contracts and warranties, consumer protection, social responsibility, and ethics.

SECURITIES AND INVESTMENTS (527700CW)

Prerequisites: *N/A*

Securities and Investments prepares students to make intelligent investment decisions based on their personal financial needs (or on the needs of a business). Students will describe and abide by laws and regulations in order to manage business operations and transactions in the securities industry: access, process, maintain, evaluate, and disseminate information to assist in making decisions common to the securities industry; and monitor, plan, and control day-to-day securities organization activities to ensure continued business functions. Topics include the analysis of stocks, dividends, hedge funds, venture capital, bonds, mutual funds, real estate, precious metals, gems, collectibles, and futures/options markets.

MARKETING (542100CW)

Prerequisites: *N/A*

Marketing introduces marketing concepts and examines the economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, and distribution. The standards listed are core standards and those standards reflect the needs of the local business community. This is the basic course in the marketing curriculum and should be taken before the specialized courses such as Digital Media Marketing and Sports Entertainment Marketing.

CULINARY ARTS MANAGEMENT 1 (572000CD)

Prerequisites: *Application*

Culinary Arts Management 1 prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities. Laboratory experiences simulate commercial food production and service operations. Integration of the Family and Consumer Sciences student organization, Family Career and Community Leaders of America (FCCLA) provides leadership and entrepreneurship experiences. Participation in the career & technology organization Skills USA provides the students an opportunity to compete and display professional baking techniques.

CULINARY ARTS MANAGEMENT 2 (572100CD)

Prerequisites: *Culinary Arts Management 1*

Culinary Arts Management 2 is an advanced level course that prepares the serious culinary student for gainful employment and/or entry into postsecondary education. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career options. Students have opportunities to develop skills in workplace settings. Integration of the Family and Consumer Sciences student organization, Family Career and Community Leaders of America (FCCLA) provides leadership and entrepreneurship experiences. Participation in the career & technology organization Skills USA provides the students an opportunity to compete and display professional baking techniques.

DE TEACHER CADET - EDFS 105 (373500EW)

Prerequisites: *Application*

The South Carolina Teacher Cadet course is a hands-on, dual-enrollment program for high school juniors and seniors that provides an introduction to the teaching profession. It includes classroom instruction on topics like human growth, lesson planning, and classroom management, along with practical field experiences such as observing teachers and teaching lessons themselves in various school settings. Students can earn both high school credit and transferable college credit for the course.

DE EDUCATIONAL PSYCHOLOGY - EDUC 202 (639100EW)

Prerequisites: *DE Teacher Cadet; seniors only*

This course focuses on psychological principles relevant to teaching and learning, covering topics like learning theories, cognitive and emotional development, motivation, and assessment. Students can earn both high school credit and transferable college credit for the course.

INTRODUCTION TO LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY (650500CW)

Prerequisites: *N/A*

Introduction to Law, Public Safety, Corrections and Security and Law Enforcement Services provides basic career information in public safety including corrections, emergency and fire management, security and protection, law enforcement, and legal services. Additionally, students will develop a personal plan for a career in public safety. The course includes skills in each area of Law Enforcement Services and Fire Fighter and the community to help deliver instruction to the students. English language arts are reinforced, and Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are not available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

LAW ENFORCEMENT SERVICES 1 (651000CW)

Prerequisites: *N/A*

Law and Enforcement Services 1 prepare individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operations and maintenance, report preparation and other routine law enforcement responsibilities.

AIR FORCE JROTC 1 (375101CW) - Year 1 Fall

Prerequisites: *N/A*

This course concentrates on three components: Leadership Education, Aerospace Science, and Wellness. Through Leadership Education, the student will learn military customs and courtesies, proper uniform wear, heritage, organization, and traditions of the Air Force; along with individual self-control to include personal behavior, responsibility, and citizenship. The student will learn self-discipline and how to work as an effective member of a group. Wellness provides instruction on and participation in team sports, calisthenics, stretching, physical fitness, and introductory nutrition. State required physical education credit is given. Aerospace Science is designed to acquaint students with the historical development of flight and its role in the military and history. Students become familiar with flight concepts, military aircraft, and historical information from balloons and gliders through the Wright brothers to early commercial aviation.

AIR FORCE MILITARY SCIENCE 1 (358501CW) - Year 1 Spring

Prerequisites: *N/A*

This is a continuation of AFJROTC 1 from the first semester. This course satisfies the state required physical education credit, if needed.

AIR FORCE JROTC 2 (375201CW) & 3 (375301CW) - Year 2 & 3 Fall

Prerequisites: *Air Force JROTC 1*

This course will be a part of several distinct courses, scheduled alternatively each year:

- **Science of Flight** is designed to acquaint the student with the aerospace environment, the principles of flight and navigation, and the human limitations of flight. The course begins with a discussion of the atmosphere and weather. Subsequently, the effects of these on the human body are discussed. Discussions then focus on the forces of lift, thrust and drag and the basics of in-flight navigation. Leadership curriculum is also taught and stresses communication skills. Written reports and speeches complement the academic materials. This course satisfies the state required physical education credit, if needed.
- **Survival** will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. An appreciation of these skills will help the student to develop confidence and reduce mental and physical stress. A three-day “hands-on” camping trip is offered as the final exam. As an option, cadets may take a written final exam. The leadership curriculum focuses either on Life after High School, such as applying to college, preparing a resume, financial responsibility and applying for a job. Alternatively it will focus on communication skills. Written reports and speeches complement the academic materials. This course satisfies the state required physical education credit, if needed.
- **FAA Part 107 Commercial Drone course** FAA regulations, airspace classifications, weather, and other knowledge needed to pass the Part 107 drone pilot exam for commercial use. Key topics include understanding airspace and how to read sectional charts, weather effects, pre-flight procedures, emergency operations, and the legal responsibilities of a remote pilot. The Leadership portion will follow either the Life after School curriculum or the Communication Curriculum

AIR FORCE MILITARY SCIENCE 2 (358601CW) & 3 (358701CW) - Year 2 & 3 Spring

Prerequisites: *Air Force Military Science 1*

The second term will concentrate on one of two distinct courses which will be taught alternatively each year:

- **Intro to Robotics:** This engaging robotics course starts with the basics of the VEX V5 Kit, teaching the function of each component and simple construction techniques. Cadets will build progressively more complex structures, learning to create sturdy, functional, and mobile builds while exploring how physics plays a role in their construction. This section peaks with the Capstone Challenge, where Cadets will use their new skills to design and build a prototype of a new product and pitch their design.
- **Intro to Rocketry:** The scientific, technological, engineering and mathematical foundations of rocketry provide exciting classroom opportunities for authentic hands-on, minds-on experimentation. The activities and lesson plans contained in this course emphasize hands-on science, prediction, data collection and interpretation, teamwork, and problem solving. The course also contains background information about the history of rockets and basic rocket science. The rocket activities in this course support national curriculum standards for science, mathematics and technology. The topics covered are: A Pictorial History of Rockets How Rockets Work, Applying Newton’s Laws, Rocket Activities, Pop Can Hero Engine, Heavy Lifting, Newton Car, Rocket Races, Pop! Rocket Launcher, Pop! Rockets, Foam Rocket, Launch Altitude Tracker, Water Rocket Launcher Construction, Project X-51

AEROSPACE SCIENCE GROUND SCHOOL (375500CW) - May not count for AFJROTC 2, 3, or 4

Prerequisites: *JROTC 1 or 2 or instructor approval*

Currently offered as an Early Bird (before school) yearlong skinny course

This class is for a limited number of highly qualified cadets. This ground school course provides an advanced study of the previous aerospace topics. It serves as a foundation for students interested in qualifying for a private pilot license. At the completion of the course students should be able to take and pass the FAA written examination. The student is responsible for any examination costs. The leadership curriculum is the same as the Aerospace Science 3-6 courses. This course satisfies the state required physical education credit, if needed.

AIR FORCE JROTC 4 (375401CW) - Year 4 Fall

Prerequisites: *Air Force JROTC 3 and attend Cadet Officer Leadership School*

The cadets lead the entire Corps during the fourth year. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, and decision-marking will be done by the cadets. They will practice their communication, decision-making, personal interaction, managerial, and organizational skills. The leadership curriculum focuses on cadet management of the Corps, to include holding positions of greater responsibility and the planning and execution of Corps projects. This course satisfies the state required physical education credit, if needed.

AIR FORCE MILITARY SCIENCE 4 (358801CW) - Year 4 Spring

Prerequisites: *Air Force Military Science 3 and attend Cadet Officer Leadership School*

This is a continuation of AFJROTC 1 from the first semester.

CADET LEADERSHIP COURSE – BASIC CADETS - Summer Course

Prerequisites: *Grades 10 or 11; AFJROTC 1 or 2 or instructor approval*

This one week course, conducted during the month of June at The Citadel, prepares JROTC cadets for leadership roles as officers in the cadet corps. The curriculum consists of at least 35 hours of academics and 24 hours of leadership training and involves physical training, uniform inspection, room inspection, academics, flight drill, parade, retreat, and athletics.

CADET LEADERSHIP COURSE – CADRE - Summer Course

Prerequisites: *Grades 11 or 12; Graduate of Basic CLC and instructor approval*

This one week course, conducted during the month of June at The Citadel, puts JROTC cadets in leadership roles as officers at the CLC camp. The curriculum consists of at least 35 hours of academics and 24 hours of leadership training and involves physical training. Cadre cadets will perform and mentor younger cadets in uniform inspections, room inspections, academics, flight drill, parade, retreat, and athletics.

PHYSICAL EDUCATION & HEALTH

PERSONAL HEALTH & WELLNESS (340200CH)

Prerequisites: *N/A*

This course develops the skills needed to analyze information and make choices that promote health and prevent disease. An emphasis is placed on the use of interpersonal communication skills to advocate for healthy choices, reduce health risks, and set goals related to community and personal health. Topics include community health, consumer health, environmental health, growth and development, nutritional health, personal health, prevention and control of diseases and disorders, safety and accident prevention, substance use and abuse, dental health, mental and emotional health, and reproductive health education.

PE 1 (344100CW)

Prerequisites: *N/A*

This course develops the skills needed to enjoy a lifetime of physical activity. Regular participation supports the mastery of more advanced skills. Emphasis is placed on designing and implementing a personal fitness plan and recognizing the value of physical activity in quality of life. Students may choose from these course options: Football/Recreation, Football/Weightlifting, Aerobics/Dance, Aerobics/Volleyball, Rackets/Recreation, or Soccer/Tennis.

PE 2 (344100CW)

Prerequisites: *PE 1*

This is a general Strength and Conditioning course that further develops the skills needed to enjoy a lifetime of physical activity. The skills developed in this course focus on muscular strength, muscular endurance, cardiovascular endurance, flexibility, and improved body composition. Also, skill-related fitness which includes agility, balance, coordination, speed, reaction time, and explosive power.

PE 2-8 ATHLETE WEIGHTLIFTING (344200CW)

Prerequisites: *PE 1*

This course is designed for athletes to enhance their strength, mobility, flexibility, endurance, speed and agility. Athletes are encouraged to enroll in this course to prepare for their upcoming high school season while coinciding with their club seasons. Training each week will include sessions that will target specific strength and conditioning exercises designed to mimic in game and practice movements.

STUDENT COUNCIL LEADERSHIP

GLOBAL LEADERSHIP AND COMMUNITY ENGAGEMENT 1 (379921CW)

Prerequisites: *Application and Interview*

This course develops the academic skills and habits of success needed to become college and career ready. An emphasis is placed on leadership and character development. Presentations, collaborative projects, and service and experiential learning opportunities support decision-making, problem-solving, communication, and literacy skills.

GLOBAL LEADERSHIP AND COMMUNITY ENGAGEMENT 2 (379922CW)

Prerequisites: *Global Leadership 1*

This course further develops the academic skills and habits of success needed to become college and career ready. An emphasis is placed on leadership and character development. Presentations, collaborative projects, and service and experiential learning opportunities support decision-making, problem-solving, communication, and literacy skills.

GLOBAL LEADERSHIP AND COMMUNITY ENGAGEMENT 3 (379923CW)

Prerequisites: *Global Leadership 2*

This course further develops the academic skills and habits of success needed to become college and career ready. An emphasis is placed on leadership and character development. Presentations, collaborative projects, and service and experiential learning opportunities support decision-making, problem-solving, communication, and literacy skills.