Coral Glades High School

Course Directory 2026-2027

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- AP Comparative Government
- Artificial Intelligence
- Game/Simulation
- Global Leaders United



English Language Arts	
Course Title	**Description**
English 1-4	The purpose of this course is to provide students with challenges, using texts of high complexity, integrated language arts study in the reading, writing, speaking, listening, and language for college and career preparation and readiness.
English 2 Honors – English 4 Honors	The purpose of this course is to provide students with challenges, using texts of high complexity, advanced integrated language arts study in preparation for college and career readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborated critically on the content they are learning.
AICE General Paper	Cambridge International AS English Language provides learners with the opportunity to study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively, and effectively for different purposes and audiences. Students must take the English Language exam.
AICE English Language	Cambridge International AS English Language provides learners with the opportunity to study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively, and effectively for different purposes and audiences. Students must take the English Language exam.
AICE English Language & Literature	Learners following the Cambridge International AS and A Level English syllabus will study a range of texts in the three main forms: prose, poetry and drama. Set texts are offered from a wide range of different periods and cultures.
AP English Literature	is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective,

	figurative language, and literary analysis in the context of literary works.
English 1 through ESOL – English 4 through ESOL	The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skill in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.
English 4 College Prep	This course incorporated reading and writing study through a variety of information texts using grade-level writing craft and through in depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida Postsecondary Readiness Competencies necessary for entry-level college courses.

Math	
Course Title	**Description**
Foundational Math	This course supports students who need additional instruction in foundational mathematics skills as it relates to core instruction. Instruction will use explicit, systematic, and sequential approaches to mathematics instruction addressing all strands including number sense & operations, algebraic reasoning, functions, geometric reasoning, data analysis, & probability. Teachers will use the listed benchmarks that correspond to each students' needs.
Algebra 1	In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomial and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic, and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.
Algebra 1 Honors	In Algebra 1, instructional time will emphasize five areas: (1) performing operations with

	polynomial and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic, and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.
Geometry	In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.
Geometry Honors	In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.
Algebra 2	In Algebra 2, instructional time will emphasize five areas: (1) extending arithmetic operations and algebraic expressions to include radical and rational expressions and polynomial division; (2) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential, and logarithmic; (3) building functions using compositions, inverses, and transformations; (4) extending systems of equations and inequalities to include non-linear expressions and (5) developing understanding of the complex number system, including complex numbers as roots of polynomial equations.

Algebra 2 Honors	In Algebra 2 Honors, instructional time will emphasize six areas: (1) developing an understanding of the complex number system, including complex numbers as roots of polynomial equations; (2) extending arithmetic operations with algebraic expressions to include polynomial division, radial and rational expressions; (3) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential, and logarithmic; (4) extending systems of equations and inequalities to include non-linear expressions and (5) building functions using compositions, inverses, and transformations and; (6) developing understanding of probability concepts.
Math for College Liberal Arts	In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions with a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.
College Algebra	In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical, and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear quadratic, absolute value, exponential, logarithmic, and piecewise functions and systems of linear equations and inequalities (5) extending knowledge of functions to include inverse and composition.
Data & Financial Literacy Honors	In Mathematics for Data and Financial Literacy Honors, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts. (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short - and - long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of

	data analysis to create and evaluate reports and to make predictions.
Statistics Honors	In Probability and Statistics Honors, instructional time will emphasize four areas: (1) creating and interpreting data displays for univariate and bivariate categorical and numerical data; (2) comparing and making observations about populations using statistical data, including confidence intervals and hypothesis testing; (3) extending understanding of probability and probability distributions and (4) developing understanding of methods for collecting statistical data, including randomized trials.
AP Statistics	The AP Statistics course introduces student to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are 4 themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.
AP Pre-Calculus	AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations.
AP Calculus AB	AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. The courses feature a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these

	representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results.
AP Calculus BC	AP Calculus BC is designed to be the equivalent to both first and second semester college calculus courses. AP Calculus BC applies the content and skills learned in AP Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series. The courses feature a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results.

Science	
Course Title	**Description**
Environmental Science	This class will provide opportunities for students to study the concepts, theories, and laws governing the interactions of matter, energy and forces and their application to the environment such as earth/space, pollution, conservation of

	natural resources, and environmental management.
Environmental Science Honors	This course is designed as interdisciplinary course to provide students with scientific principles, concepts, and methodologies required to identify and analyze environmental problems and to evaluate risks and alternatives solutions for resolving and /or preventing them. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.
Biology	Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.
Biology Honors	While the content focus of this course is consistent with the Biology I course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.
Chemistry	This class will provide students with the opportunity to study the composition, properties, and changes associated with matter. Topics included are Classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, and balanced equations, behavior of gases, physical changes, acids, bases, ad salts. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety.
Chemistry Honors	This class will provide students with the opportunity to study the composition, properties and changes associated with matter. Topics included are heat, changes in matter, atomic structure, the periodic table, bonding formulas, equations, mole concept, gas laws, reactions, solutions, equilibrium, and oxidation reduction reactions. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety.

Physics/Physics Honors	This class will provide students with an in-depth study of the theories and laws governing the interaction of matter, energy, and forces of nature. Some topics included are kinematics, dynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Laboratory activities will include: the use of scientific method, measurements, laboratory apparatus usage and safety.
Marine Science	This course provides an overview of the unique characteristic of the marine environment by exploring the physical and biological characteristic of seawater. Topics will include but not limited to ocean's present and potential resources, marine biology interaction with technology and society, the interrelationships between organisms and the ocean environment, changes in ecosystems and large-scale environmental impacts resulting from human activity. Laboratory investigations that include the use of the scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.
Marine Science Honors	This class will provide students with an advanced overview of the unique characteristics of the marine environmental exploring the physical and biological characteristic of seawater. Some topics included are ocean's present and potential resources, marine biology interactions with technology and society, and interrelationships between man and the ocean environment. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus use and safety.
AP Biology	is an introductory college level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.
AP Chemistry	is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

AP Physics	is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, bills, force interactions, change, and conservation.
AP Environmental Science	students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.
AICE Environmental Science	This AS Level syllabus develops scientific knowledge and understanding of global environmental issues and theories, and of the policies and strategies for managing the environment. The course covers the sustainable use and management of resources, and strategies that aim to protect environments. Learners will interpret and analyze data and do investigative work. Case studies allow teachers to choose their own examples to investigate, which may be local, regional or global. Students will prepare for and must take the AICE Environmental Management exam.
AICE Marine Science	this class will provide students with a comprehensive and advanced overview of the unique characteristics of the marine environment exploring the physical and biological characteristics of seawater. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety. Students will prepare for and must take the AICE Marine science exam.
Forensics Local Honors	Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.
Genetics Honors	This course reviews the evolution of genetics, including but not limited to stem cells, human genome, and epigenetics.

Social Studies	
Course Title	**Description**
Financial Literacy/Financial Literacy Honors	this course introduces students to concepts that they will need to interact with in the coming years

	to prepare their transition into young adults. Concepts covered include learning about different behaviors and attitudes towards money, how to earn income and plan for career, buying goods and services and creating proper budgets, saving and investing, and insurance and its effects in the state of Florida.
Promotional Design Management/Business Ownership Honors	This course is designed to develop organizational skills needed for the imprinted merchandise industry. The content includes entrepreneur concepts, basic supervision and management activities, portfolio development activities, and workforce development skills evaluation activities. After successful completion of Promotional Design Management, the student will be able to manage small production runs of imprinted merchandise in unpredictable situations.
AICE Geography	The syllabus is wide-ranging and comprises a variety of options. Learners can study topics such as hydrology and fluvial geomorphology, atmosphere and weather, rocks and weathering, population change and settlement dynamics. The syllabus considers a range of environments, from tropical to arid, and learners can also study subjects such as environmental management, global interdependence, and economic transition. Students will prepare for and must take the AICE Geography exam.
AP Human Geography	is an introductory college level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.
World History	World History consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilization.
World History Honors	World History Honors will provide students the opportunity to acquire a comprehensive

	understanding of the past in terms of what has been interpreted about change or process as it related to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning, and interpretation.
AICE European History	Cambridge international AS History is a flexible and wide-ranging syllabus covering modern history in the 19th and 20th centuries. The emphasis is again on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and differences, and use historical evidence as part of their studies. Students will prepare for and must take the ace history exam.
AP World History	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.
American History	This course begins with the Pre-Civil War years. Students will analyze the events that led to the Civil War and what happened during the period of reconstruction, the great migration at the turn of the 20th century, the impact of manufacturing, the Industrial Revolution, the creation of unions, the rise of the women's and civil rights movements, World War I, the Roaring Twenties, the Great Depression, the New Deal, World War II, the Cold War and more.
American History Honors	This course covers the same material as US History, but it also focuses on Cambridge and Advanced Placement writing and reading skills. This course will satisfy the 11th Grade US History graduation requirement, and it will give you an honors credit, as well.
AICE US History	The emphasis of AICE U.S. History is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause-and-effect, continuity and

	change, similarity and differences, and use historical evidence as part of their studies.
AP US History	is an introductory college level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; Work, exchange, and technology; geography and the environment; Migration and settlement; Politics and power; America and the world; American and regional culture; And social structures.
Government	This required course cuts through the static of the textbook to help you understand the complexities of US Government. Students will learn about legal and Constitutional civil rights and liberties in an exciting way, but will also explore the roles of political parties, elections, and interest groups. This course also focuses on the roles of women, cultural groups, and the courts in our everyday existence. Economics will provide students with an understanding of the complexities of our diverse and dynamic economic system.
Government Honors	This course covers the same material as US Government/Economics, but it also focuses on Cambridge and Advanced Placement writing and reading skills. This course will satisfy the 12th Grade US Government/Economics graduation requirement, and it will give you an honors credit as well.
Economics	This required course cuts through the static of the textbook to help you understand the complexities of US Government. Students will learn about legal and Constitutional civil rights and liberties in an exciting way, but will also explore the roles of political parties, elections, and interest groups. This course also focuses on the roles of women, cultural groups, and the courts in our everyday existence. Economics will provide students with an understanding of the complexities of our diverse and dynamic economic system.
Economics Honors	This course covers the same material as US Government/Economics, but it also focuses on Cambridge and Advanced Placement writing and reading skills. This course will satisfy the 12th Grade US Government/Economics graduation requirement, and it will give you an honors credit as well.

AP Government	is an introductory college level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

Personalization Period	
Course Title	**Description**
Study Hall	This course is designed for students to have independent study and work time.
Learning Strategies	The purpose of this course is to enable students with disabilities to acquire and generalize strategies and skills across academic, community, and employment settings to achieve annual goals based on assessed needs and the students individual educational plan (IEP).
Senior Privilege	This course is designed for students to have independent study and work time at home.

Reading	
Course Title	**Description**
Intensive Reading	This course provides struggling readers with opportunities to develop reading skills. It is intended for students with a 4th grade to 6th grade instructional reading level. Students are assessed so that the content specifically focuses on those reading benchmarks for which students need extra support and practice. Emphasis is placed on mastery of decoding skills, comprehension skills and fluency skills. Students will follow a structured reading program as laid out in the Edge program and have extra interaction and assistance from school Reading Coach. These students will be prepared to be successful in all content area reading courses, with a special focus on vocabulary, comprehension, and analysis of high-level informational text.
Developmental Language	The purpose of this course is to provide students who are native speakers of languages other than English instruction that enables students to

	accelerate the development of reading and writing skills and to strengthen these skills so they are able to successfully read write and comprehend grade level text independently. Instruction emphasizes reading comprehension and vocabulary through the use of a variety of literary and informational texts encompassing a broad range of text structure, genres, and levels of complexity. Texts used for instruction focusing on wide range of topics, including content area information, in order to support students in meeting the knowledge demands of increasingly complex text.

Junior & Senior On Campus Dual Enrollment Elective	
Course Title	**Description**
Strategies for Success (SLS)	The course is tailored for college students and provides opportunities to acquire and practice learning strategies, explore personal learning styles, identify career options, and develop skills for lifelong and responsible citizens.

Pathways	
Course Title	**Description**
Aerospace	
Aerospace Tech 1 Honors	Introductory course designed to introduce students to various aspects of engineering, aviation, and aerospace. Emphasis placed on science, technology, engineering, and mathematics (STEM) education as the core concepts to succeed in the fields of aviation, aerospace, and engineering. Exploration of air and space power, histories of aviation technology, development of the first airplane flight, basic physics of aerodynamics of flight, operation of small Unmanned Aircraft Systems (WAS), and the US NAVY SEA PERCH (build and operation of submersible UAS).
Principles of Aeronautical Science	Exploration of FAA regulations, weather conditions, operation Pilot national air space, fundamental forces of aerodynamics, and application of learning through Gleim flight

	simulator, operational and navigational systems as skilled pilot of Unmanned Aircraft Systems (UAS).
Unmanned Aircraft Systems	Exploration of FAA regulations, weather conditions, operation Pilot national air space, fundamental forces of aerodynamics, and application of learning through Gleim flight simulator, operational and navigational systems as skilled pilot of Unmanned Aircraft Systems (UAS).
Unmanned Aircraft Systems Operations	IJAS operations, missions, diversified payload sensors (HD and IF), cross-country navigation, and exploration of UAS security of and threat assessment.
Unmanned Aircraft Systems Security	IJAS operations, missions, diversified payload sensors (HD and IF), cross-country navigation, and exploration of UAS security of and threat assessment.
Private Pilot Operations	Complete aeronautical ground school instruction to obtain FAA Private Pilot Certificate. Course develops the aeronautical knowledge including regulations, safety, pre-solo operations, cross-country planning, airspace, chart use, communications, weather, performance, weight and balance, aerodynamics, and decision-making.
Artificial Intelligence	
AI in the World	This course introduces students to the principles of Artificial Intelligence (AI). The course defines "Intelligent Behavior", describes the relationship between AI and computer science, explains the history of AI and showcases applications of AI in the real world. Students will explore the role of data in AI applications and the algorithms which guide AI decision making. Students will learn about the role of perception in AI and how AI agents use information in decision making. Students will engage in hands-on activities related to use of AI in machine learning. This course also covers ethics in AI applications.
Computer Science	
Advanced IT Honors	COREQUISITE: Algebra 1 This course introduces the foundations of Computer Science. This course is designed to introduce the breadth of the field of computer science through an exploration of engaging and accessible topics. This course does not focus on learning any specific programming languages or software

	tools. Rather the course is designed to focus on the conceptual ideas of computing and to help students understand why certain tools or languages might be utilized to solve problems. The goal of this course is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues involving computers. The combination of both content and practices provides students with a sense of what computer scientists actually do. In this course, students will take the first half of the two-part CompTIA A+ Certification Exam or become an Adobe Certified Associate by passing the Adobe Dream Weaver or Adobe Photoshop Certification Exam.
Foundations of Programming	This course introduces concepts, techniques, and processes associated with computer programming and software development.
AP Computer Science Principles	is an introductory college-level computing course that introduces students to the breath of the field of computer science students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge students also explain how computing innovations and computing systems - including the internet work, explore their potential impacts, and contribute to computing culture that is collaborative and ethical.
AP Computer Science A	is an introductory college level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.
Culinary	
Culinary 1	This course blends food preparation theory and guidelines with practical hands-on application. Content includes nutrition, food preparation and cooking, food storage, and food presentation. This is a hands-on class that is both practical and fun. This course is the first in a sequence of instruction leading to a certification in the Culinary Arts.
Culinary 2	This course provides students with skills and knowledge of the exciting world of food

	preparation and culinary arts. Content includes nutrition, food preparation and cooking, food storage, and food presentation. This is a hands-on class that is both practical and fun. This course is the second in a sequence of instruction leading to a certification in the Culinary Arts.
Culinary 3	In this course the student will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry. Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace.
Cyber Security	
IT Fundamentals	This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cybersecurity-related careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of cybersecurity.
Computer & Network Security Fundamentals	PREREQUISITE: Advanced IT Honors. This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks. The successful completion of the Advanced IT Honors course and a passing score on the first part of the CompTIA A+ 1001 Certified Hardware Technician Exam are required prerequisites before taking this course. In this course, students will complete part two of the CompTIA A+ 1001 Troubleshooting and Hardware Exam. Upon successful completion of this course, students will hold the CompTIA A+ 1001 Certification.
Cybersecurity Essentials	This course introduces students to cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to cybersecurity. The successful 24 completion of the IT Fundamentals course and a

	passing score on the CompTIA A+ Certification are required prerequisites before taking this course. Upon successful completion of this course, students will hold the CompTIA Network+ Certification.
Engineering	
Intro to Engineering	This is the first of five courses offered in the Engineering program. This course provides students with a foundation of knowledge and technically oriented experiences in the study of the applications of technology and its effects upon our lives and the choosing of an occupation. Students will use teaming concepts to study various engineering technologies. This course satisfies the computer requirement needed for graduation. The courses offered in the Engineering program include Introduction to Engineering Design, Principles of Engineering, Computer Integrated Manufacturing, Engineering Design and Development, and Civil and Architectural Engineering.
Principles of Engineering	This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.
Computer Int. Manufacturing	This course provides students with a foundation of knowledge and technically oriented experiences in the study of applications of technology and its effects upon our lives and the choosing of an occupation.
Civil Engineering & Architecture	This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands on projects and activities. This course covers topics such as the Roles of Civil Engineers and Architects, Project Planning, Site Planning, Building Design, and Project Documentation and Presentation.
Engineering Design & Development	This course helps students understand the field of engineering/engineering technology. Exploring

	various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.
Early Childhood Education	
Early Childhood Education 1	This course offers the 10 and 20-hour competencies for the Department of Children and Families and general competencies for initial employment. Students will acquire competence in state rules and regulations; clean, safe and healthy learning environments; food service and nutrition education; child abuse and neglect; principles of child development; observation and recording; developmentally appropriate practices; including methods of guidance; professionalism; communication; leadership and organizational skills; community resources; career opportunities and observation and recording methods.
Early Childhood Education 2	This course prepares students to become preschool teachers. Students will acquire competence in activities and development of infants, toddlers, preschoolers, school age children to age eight and special needs children.
Early Childhood Education 3	This course teaches the management skills of becoming a preschool teacher. Students will acquire competence in the areas of child development theories; current trends and issues; legislation; heredity; classroom management; developmentally appropriate curriculum and environments multiculturalism; and teacher resource files.
Early Childhood Education 4	This course prepares students to be a child development specialist. Students will acquire competence in the areas of mentoring; workshop development; team building, advocacy; and brain research and professional development.
Game/Simulation	
Game & Simulation Foundations	This course is designed to provide an introduction to game and simulation concepts and careers, the impact game and simulation has on society and industry, and basic game/simulation design concepts such as rule design, play mechanics, and media integration. This course compares and

	contrasts games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application; storyboarding techniques; and development tools.
Health Science	
Anatomy & Physiology Honors	This course includes scientific concepts relating to health care based on structure and function of body systems in relation to health and disease. Topics include anatomy and physiology, medical terminology, and Physiology.
Health Science Foundations	This course includes common skills performed by health care workers in hospitals, nursing homes and other health care agencies. Classroom laboratory and off campus clinical experiences are correlated with theory.
Electrocardiograph (EKG)	The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Health Science cluster that will enhance opportunities for employment in the career field chosen by the student. Content includes, but is not limited to, a foundation in the cardiovascular system, safety measures for the individual, co-workers and patients as well as training in the appropriate theories and instruments used by an Electrocardiograph Technician.
Nursing Assistant	This is a course designed to prepare the student to provide/assist with all aspects of activities of daily living for the adult patient in both hospital and nursing home settings. The course, which is taught by a registered nurse, includes didactic instruction, skills practice in the laboratory and clinical experience. Emphasis is also placed on the development of communication, interpersonal, problem solving and critical thinking skills.
JROTC	
Leadership Education Training 1	Course includes an introduction to the NJROTC program including leadership, citizenship and the American government, wellness, fitness, first aid (including diet, exercise, and drug awareness)

	geography, orienteering, survival, map reading skills, and the United States Navy.
Leadership Education Training 2	Course includes ongoing instruction into Leadership and an introduction to maritime history including the American Revolution, Civil War, the rise of the U.S. to world power status, World Wars I and II, the Cold War era and the 1990s and beyond. Also includes an overview of maritime geography, oceanography, meteorology, astronomy, and physical sciences.
Leadership Education Training 3	Course includes instruction in sea power and National Security, naval operations and support functions, military law, and international law and the sea. Also provides an introduction to ship construction and damage control, shipboard organization and watch standing, basic seamanship, marine navigation, and naval weapons and aircraft. Includes ongoing instruction in leadership, citizenship, and discipline.
Leadership Education Training 4	The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 3. This course focuses on creating a positive leadership situation, negotiating, decision making, problem solving, team development, project management, and mentoring. Students will demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. The course teachers cadets how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning, and careers. It includes requirements for the practical application of leadership duties. It emphasizes physical fitness through healthy individual and group competition. The interactions between groups of people and how they affect the area's cultural, economic, and political characteristics are discussed. Concepts of democracy and freedom and their influence on local governments are also included.
Law Studies	
Constitutional Law	Students will examine the individual rights and responsibilities in the United States. This interactive course brings the world of the Bill of Rights alive through case studies, discussions, computers, and so much more. There are no pre-requisites to this course. Come and see why the

	U.S. Constitution is one of the most amazing documents in U.S. History, and how it has influenced the world.
Law Studies	This course will study the American legal system as the foundation of American society by examining those laws which have an impact on citizens' lives and an introduction to fundamental civil and criminal justice procedures. Topics may include the need for law, the basis of our legal system, civil and criminal law, adult and juvenile courts, family and consumer law, causes and consequences of crime, individual rights and responsibilities, and career opportunities in the legal system.
Legal Systems & Concepts	This course will cover the historical antecedents of laws and the basis for the creation of laws, the background, principles and applications of the United States Constitution, the rights protected by the Constitution and precedent-setting cases related to these rights. The course may also cover the government and private agencies which provide services to individuals accused of crimes, the citizen's role in the legal system, the role of women and diverse cultural groups within the justice system, and careers in the justice system.
Comprehensive Law	In this course you will discover the historic evolution of law, as well as the reasons for how and why the American legal system operates as it does. "You Be the Justice," Socratic forum, mock trials, and case studies are just a few of the activities used to explore such topics as Exercising Individual Rights & Freedoms, Adult & Juvenile Justice, Consumer Protections, and Family Law Practices.
Marketing	
Marketing Essentials	Marketing Essentials blends theory and practice to facilitate immediate implementation and impact. Students will learn to develop strategic marketing with sales and customer plans. A review of the marketing environment is used to help develop the segmentation, targeting and market positioning strategy for implementation along with the marketing mix (product, price, place and promotion). The goal is the identification and delivery of organizational competitive advantage and customer satisfaction – key to long-term revenue growth, profitability and success. DECA Participation Required.

Marketing Applications	This course is designed to provide students with an in-depth study of marketing in a free enterprise society and includes advertising, promotion, product development and branding, selling and marketing research. This course also includes the uses of technology and the Internet in marketing, purchasing, retail positioning strategies, and e-Commerce marketing. DECA Participation Required.
Marketing Management	This course provides instruction for career-sustaining level of employment in the industry. The content includes applied skills related to marketing functions, employment skills required for success in marketing, and career planning as related to a marketing industry. DECA Participation Required.
Robotics	
Foundations of Robotics	This course provides students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering.
Robotic Design Essentials	This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills.
Robotic Systems	This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, specialized sensors, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills.
Robotics Applications Capstone	This course provides students with extended content and skills essential to the design and operation of autonomous robotic systems in the context of a capstone project.
TV Production	
Digital Information Technology	This core course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to

	fundamental skills required for today's business and academic environments.
Web Technologies Honors	This core course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments.
IT Systems & Applications Honors	This core course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments.
Fine Arts	
Music	
Beginning Band	This class is available to anyone who wants to learn a new instrument. Students will choose an instrument and the spend the year learning the basic skills and techniques needed to play their instrument.
Intermediate Band	This class is for incoming 9th graders who have taken band in middle school, students progressing from beginning band, or students who have prior knowledge and experience on their instrument. Students will learn to play all 12 major skills and play a wide variety of music.
Advanced Band	This class is by permission only students must audition replacement in this ensemble. Students will be required to know all 12 major scales and be able to read multiple time signatures. Students will be given music ranging from grades 4-6.
Guitar 1	Students with little or no experience develop basic guitar skills and knowledge, including simple and full strum chords, baselines and lead sheets, barre and power cords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Guitar 2	Students with previous guitar experience build on their skills and knowledge, adding chords, new strumming and fingerpicking patterns, movable major and minor skills, basic music theory, more complex baselines and lead sheets, and ensemble skills for a variety of music. Beginning guitarists explore the careers in music of significant performers. Public performances may serve as a combination of specific instructional goals students may be required to attend and or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course will also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.
Color Guard	This class is open to anyone who has an interest in dance and body movement, with equipment. This class does tie into the marching band program during the fall semester, and during this spring semester is focused on dance techniques for solo and ensemble performances and the end of year concert.
Orchestra	Rehearsals focus on the development of critical listening skills, rudimentary string techniques, music literacy, ensemble skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and or participate in rehearsals and performance in southside the school day to support, extend, and assess learning in the classroom students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source.
Vocal Techniques (Women's Chorus)	Open to all interested girls, in all levels of musical development from beginners to intermediate and advanced. Course will include musical sight reading, rhythmic reading, music theory, and vocal development. Students are required to participate in two concerts, one district performance and graduation ceremony. Honors credit is available to eligible students at discretion of director. All students enrolled in this class will be eligible to audition for after-school groups including Show choir, Ensemble, All State Chorus, and All County Chorus.
Chorus (Mixed Chorus)	*Open to all boys and pre-auditioned non-beginning girls* The course will include music site reading, rhythmic reading, music theory, and

	vocal development at a higher level than the other course. Students are required to participate in two concerts, one District Assessment, and other performances including graduation ceremony. Students enrolled in this chorus are eligible to audition for after-school groups including Show choir, Ensemble, All State Chorus, Disney Candlelight Choir, and All County Chorus.
Piano Keyboarding 1	Students build piano techniques from fundamental to more advanced through reading music, acquiring and applying knowledge of music theory and exploring the role of keyboard music in history and culture.
GarageBand Production	Open to all students grades 10-12 with an interest in music production on Apple computers with GarageBand in our state-of-the-art music computer Lab. Students will learn how to compose their original songs using GarageBand and loops to produce many different styles of music through the year. The music lab includes fully networked iMac computers running the latest version of GarageBand, with over 30,000 loops and connected keyboard pianos to enable creativity with each student as they compose their songs, share them with friends, and present their projects to the class.
Art	
2-D Studio Art	The two 2-D studio Art courses a progressive exploration into various techniques, materials, artists and art styles associated with two-dimensional art. This exploration can include drawing, painting, printmaking and makes media forms of art creation. Students will also learn about the Elements of Art and Principles of Design and the application of these concepts in the Visual Arts.
Ceramics 1	This is an introductory art course in ceramics. Students will learn the basic hand-building techniques in clay. Students will study art from around the world and will create functional pottery and expressive sculptures in clay.
Ceramics 2	This is an intermediate level art courses ceramics. Students will study art and combine different hand-building techniques in clay to create more complex pottery and expressive sculptures in clay.
Ceramics 3 Honors	This is an advanced level art class in ceramics. Students will study art and develop a personal

	approach to working in clay that demonstrates proficiency using advanced skills and techniques.
Portfolio 3-D Studio Art Honors	This course is designed for students who would like to focus on ceramics or pottery for a fourth year. As an advanced honors level course, students will work independently to create a portfolio of three-dimensional artworks or pottery and clay that demonstrates a range of skills and personal approach.
AP 3-D Studio Art	This course fulfills the equivalent of a semester of college level coursework and is for highly motivated students who have taken multiple ceramics or 3-D art classes. Students are required to create 12-14 artworks that demonstrate synthesis of materials, processes, and ideas using 3-D art and design skills. Portfolios are evaluated by the College Board.
Drama	
Introduction to Film	In Theater, Cinema, and Film Production, a one-credit course, students explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme.
Theater 1	Students will study basic principles of acting and character analysis, explore the use of objectives, obstacles, & choices, learn basic stage and rehearsal terms, and learn about theater etiquette and the audition process. Class activities include learning the basic skills necessary for theatrical productions, reading and analyzing plays, and evaluating performances. Topics include auditioning, blocking, character development, stage makeup, voice and diction, one-acts, full length plays, and writing your own script.
Theater 2	These classes are taught on a rotating curriculum. Each year there will be a major project that is rotated so a student may take this class every year. These projects include writing a one-act, a stagecraft project, a publicity project, and performing in a one-act project. Other class assignments will include play studies, how to build a flat, the stage, and advanced theater terms.
Theater 3	These classes are taught on a rotating curriculum. Each year there will be a major project that is rotated so a student may take this class every year. These projects include writing a one-act, a stagecraft project, a publicity project, and performing in a one-act project. Other class

	assignments will include play studies, how to build a flat, the stage, and advanced theater terms.
Acting	In, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performance believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students will have a strong foundation for future scene work, script analysis, and play production. Students may be required to participate in technical work, rehearsals, and/ or film production beyond the school day.
Dance	
Dance	Students in dance class apply knowledge of the basic elements and principles of dance through improvisation and structured practice of locomotor and non-locomotor patterns, steps, positions, and actions of the body requiring strength, coordination, and flexibility. The creative process facilitates aesthetic and affective progression, as well as an awareness of historical perspectives and contemporary ideas in the arts that enable students to identify connections between skills required in dance and skills required in other content areas.

World Languages	
Spanish 1	Modern World Language 1 introduces students to the target language and its culture. In this course, students are introduced to the five C's of world language learning: communication, culture, connections, comparisons and communities. Students will develop communicative skills in all three modes of communication and cross-cultural understanding. Students will learn the fundamental structures of the language by engaging in brief conversations, directed dialogues, and a variety of oral activities. In addition, short reading passages, aural comprehension, grammar study, and writing activities are integral components of the program. A variety of media, including technology, will serve as useful, creative and motivating tools to build language proficiency and cultural understanding. Emphasis is placed on proficient

	communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.
Spanish 2	Modern World Language 2 reinforces the fundamental skills acquired by the students in Modern World Language 1. The course develops increased listening, speaking, reading, grammar, and writing skills as well as cultural awareness. Specific content to be covered includes a continuation of listening and oral skills acquired in Modern World Language 1. Reading and writing receive more emphasis, while oral communication remains a primary objective. The cultural survey of the target language-speaking people is continued. A variety of media, including technology, will continue to serve as useful, creative and motivating tools to build language proficiency and cultural understanding.
Spanish 3 Honors	Modern World Language 3 provides mastery and expansion of skills acquired by the students in Modern World Language 2. Students will continue to increase their vocabulary learn new grammatical concepts,and develop a deeper understanding of Hispanic cultures and communities. Specific content includes, but is not limited to, expansion of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities that are important to the everyday life of the target language-speaking people. Students will practice and further develop speaking skills through class discussions, partner and group speaking activities and presentations. . A variety of media, including technology and movies and videos in the target language, will continue to serve as useful, creative and motivating tools to build language proficiency and cultural understanding.
Spanish 4 Honors	
Spanish Speaker 1-4	The purpose of these courses is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as

	other languages to be acquired. The course content will reflect the cultural values of Spanish language and societies.
AICE Spanish Language	The AS Level Spanish syllabus enables learners to achieve greater fluency, accuracy, and confidence in the language as it is spoken and written and improve their communication skills. They will learn how to improve their use of Spanish in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing. Students will prepare for and must take the AICE Spanish Language exam.
AP Spanish Language	is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.
AP Spanish Literature	is equivalent to college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentation skills in Spanish as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts.
American Sign Language (ASL) 1	The Cambridge International AS Level French syllabus enables learners to achieve greater fluency, accuracy and confidence in the language as it is spoken and written, and improve their communication skills. They will learn how to improve their use of French in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing.
American Sign Language (ASL) 2	American Sign Language 2 reinforces the fundamental skills acquired by the students in the American Sign Language 1. The course develops increased receptive and expressive, skills as well as cultural awareness. Specific content to be covered is a continuation of skills acquired in American Sign Language 1while communication

	remains the primary objective. The cultural survey of the target language us continued.
American Sign Language (ASL) 3	American Sign Language 3 provides mastery and expansion of skills acquired by the students in American Sign Language 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language.
American Sign Language (ASL) 4	American Sign Language 4 provides mastery and expansion of skills acquired by the students in American Sign Language 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical

Physical Education	
Personal Fitness Health (Online)	The purpose of this course is to provide students with the knowledge, skills, and values that they need to become healthy and physically active for a lifetime.
Weight Training 1	Weight Training courses offered provide students a safe and clean environment in which to workout with trained staff to ensure their well-being. While working out on their physical bodies, the students will engage in multiple classroom activities to increase their knowledge of the anatomy and physiology of the human body concentrating on the muscles and joints.
Weight Training 2	Weight Training courses offered provide students a safe and clean environment in which to workout with trained staff to ensure their well-being. While working out on their physical bodies, the students will engage in multiple classroom activities to increase their knowledge of the anatomy and physiology of the human body concentrating on the muscles and joints.
Weight Training 3	Weight Training III offers honors credit and includes two additional in-depth fitness projects and daily fitness records/journals.
Power Weight Training	Includes two additional in-depth fitness projects and daily fitness records/journals.

Cambridge Electives	
AICE Thinking Skills AS	Thinking Skills develops a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. The syllabus enables students to develop their ability to analyze unfamiliar problems,

	devise problem solving strategies, and evaluate the diverse ways a problem may be solved. During a Thinking Skills course, students learn to put their personal views aside in favor of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments. Students will prepare for and must take the AICE Thinking Skills exam.
AICE Thinking Skills A Level	Thinking Skills develops a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. The syllabus enables students to develop their ability to analyze unfamiliar problems, devise problem solving strategies, and evaluate the diverse ways a problem may be solved. During a Thinking Skills course, students learn to put their personal views aside in favor of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments. Students will prepare for and must take the AICE Thinking Skills exam.
AICE Psychology	Cambridge International A & A Level Psychology is designed to give students an understanding of psychological concepts, theories and research methodology.
AICE Global Perspectives AS	Cambridge International AS Level Global Perspectives and Research prepares learners for positive engagement with our rapidly changing world. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives. Collaborative skills are enhanced through participation in a team project. In addition, student will create video and write a research paper based on a global issue. Students will also prepare for and must take the AICE Global Perspectives exam.
AICE Global Perspectives A Level	Cambridge International AS Level Global Perspectives and Research prepares learners for positive engagement with our rapidly changing world. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives. Collaborative skills are enhanced through participation in a team project. In addition, student will create video and write a research paper based on a global issue. Students will also prepare for and must take the AICE Global Perspectives exam.
AICE Business	The Business syllabus enables learners to understand and appreciate the nature and scope of business, and the role it plays in society. The syllabus covers economic, environmental, ethical, governmental, legal, social, and technological issues, and encourages a critical understanding or organizations, the markets they serve and the process of adding value. Learners examine the management of organizations and, in particular, the process of decision-making in a dynamic external environment. Students will also prepare for and must take the AICE Business exam.
AICE Media Studies AS	Cambridge International AS Level Media Studies offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components

	- the Foundation Portfolio for AS Level students create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. In addition to creating a media product, students will prepare for and must take the AICE Media Studies exam.
AICE Media Studies A Level	Cambridge International AS Level Media Studies offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level students create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. In addition to creating a media product, students will prepare for and must take the AICE Media Studies exam.
AICE Drama	Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyse, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama.
AICE Music	Cambridge International AS and A Level Music encourages learners to develop their musical skills in a variety of music styles and traditions and build on their musical interests. Learners are encouraged to listen, compose and perform with understanding, analysis and confident communication. They learn to become independent and critical thinkers.

Additional Electives	
Debate	This course is focused on the use of correct and effective language and organizational skills in preparing, delivering, and evaluating argument and debate. Students will critique debates, paying attention to content, organization, language, and delivery style, and produce and present well-structures, developed arguments, applying oral communication concepts and strategies for public debate in a variety of given settings.
Newspaper	The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.
Yearbook	The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

Sociology LH	Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.
Anthropology	This course will study the differences and similarities, both biological and cultural, in human populations. Students recognize the characteristics that define their culture and gain an appreciation for the culture of others. Content should include, but is not limited to, human biological and cultural origins, adaptation to the physical environment, the diversity of human behavior, the evolution of social and cultural institutions, patterns of language development, family and kinship relationships, and the effect of change on cultural institution.
Philosophy	Philosophy Honors consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the definition and historical application of philosophy. Content should include, but is not limited to, the study of classical and modern philosophies, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and major figures of social, political and religious philosophies.
Ethics	The learner, building on foundations of Philosophy Honora as a prerequisite, will explore, understand, and apply the important ethical theories in philosophy to present day issues, and will focus on the ethical theories of the great thinkers, from the ancient era through the o dern era, with the purpose of providing the students with the tools necessary to analyze, critiques and evaluate current issues and to formulate a personal value system with which to evaluate any present-day issue. Special emphasis will be on character education.
Psychology LH	Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others. The Florida's B.E.S.T. Standards or Literacy in History. Social Studies are included in this course. The content should include, but is not limited to, the following: major theories and orientations of psychology: psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/copping strategies, and mental health.
AP Psychology	Is an introductory college-level psychology course. Students cultivate their understanding of the systemic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.
Holocaust Studies	This course will examine the events of the Holocaust (1933-1945), the systemic, planned annihilation of the European Jews and other groups by Nazi Germany. Content will include, but is not limited to, the examination of twentieth century programs and of twentieth century and

	twenty-first century genocides, investigation of human behavior during this period, and an understanding of the ramifications of prejudice, racism, and stereotyping.
African American Studies	This course pertains to the study of the chronological development of Africa by examining political, economic, social, religious, military and cultural events that affected the continent. Students will be exposed to historical, geographic, political, economic and sociological events, which influenced the progression of the continent including but not limited to civilizations and empires, religious traditions and cultures, colonialism, independence movements, nationalism, historical figures and contemporary African affairs.
Sports & Entertainment Essentials	The purpose of this course is to develop the competencies essential to sport, recreation, and entertainment marketing. These competencies include employability, human relations, communication, math, and economic skills. The fundamentals of sport, recreation, and entertainment marketing and selling are also included.
Student Government	The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. The content should include, but not be limited to, the following: study in self-understanding; development in such areas as goal setting, self-actualization, and assertiveness; study of organizational theories and management.
Global Leaders United	developing highly effective global leadership, management, and professional skills for college and career readiness.
Peer Counseling	The purpose of this course is to enable students to develop basic knowledge and skills in communication, meeting human needs, and conflict resolution.
Executive Internship	The purpose of this course is to provide a practical introduction to the work environment through direct contact with professionals in the community.
AP Seminar	is a foundational course that engages student in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.
AP Research	is the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Throughout this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000 – 5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with oral defense.

AP Comparative Government and Politics	AP Comparative Government and Politics is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.