

2023-2024 COURSE

ACADEMIC CURRICULUM OVERVIEW 9-12



HIGH SCHOOL COURSE OFFERINGS

ENGLISH

GRADE 9

English 1 Honors

This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, and Richard Connell's "The Most Dangerous Game." They will study also short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

College Prep • NCAA Approved

GRADE 10

English 2 Honors

This sophomore-year English course invites students to explore a diverse selection of world literature organized into thematic units. While critically reading fiction, poetry, drama, and expository nonfiction, students learn essential reading comprehension strategies and engage in literary analysis and evaluation of both classic and contemporary works. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their listening and speaking skills and produce clear, coherent writing.

Throughout the course, students read a range of classic and contemporary literary texts including Henrik Ibsen's *A Doll's House*, George Orwell's *Animal Farm*, and Marjane Satrapi's *Persepolis*. In addition to reading a wide range of literary texts, students read and analyze complex informational and argumentative texts including Sonia Sotomayor's "A Latina Judge's Voice," Niccolò Machiavelli's *The Prince*, and the contemporary informational text *Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science*.

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GRADE 11

Honors English 3

This junior-year English course invites students to delve into American literature, from early American Indian voices through thoughtful contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students will read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, and Sandra Cisneros, Amy Tan, and Dave Eggers.

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GRADE 12

English 4 Honors

This senior-year honors English course invites students



to delve into British literature, from ancient texts such as the epic of Beowulf through contemporary works. Students will engage in a variety of rigorous lessons with a focus on academic inquiry, literary analysis, and inferential evaluation. While critically reading fiction, poetry, drama, and expository nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, examine and critique how authors develop ideas in a variety of genres, and synthesize ideas across multiple texts. In addition to activities offered to students in core courses, honors students are given additional opportunities to create and participate in project-based learning activities, including creating a time travel brochure and an original interpretation of William Shakespeare's *The Tragedy of Hamlet*.

Honors students will read a range of classic texts, including Robert Louis Stevenson's *The Strange Case of Dr. Jekyll and Mr. Hyde*, "Politics and the English Language" by George Orwell, and William Shakespeare's *The Tragedy of Hamlet*. In addition to full-length works, students will read a variety of excerpts, including readings from *Lord of the Rings: The Fellowship of the Ring*, *The Smithsonian's History of America in 101 Objects*, and Chaucer's *The Canterbury Tales*, as well as a variety of short fiction, speeches, and poetry.

College Prep • NCAA Approved

AP ENGLISH

GRADES 11- 12

11th AP English Language + Composition

In AP English Language and Composition, students will be challenged to effectively read and analyze a challenging and complex variety of texts: novels, essays, letters, speeches, and images. The course focus is primarily on expository, analytical, and argumentative writing. Students will read widely and reflect on their readings through extensive discussion, analysis, and writing. Students will explore the depth and breadth of the English language in both the writing of others, and in their own writing.

In order to write an effective essay, and analyze the works of others, this course will cultivate the use and importance of language, including syntax, imitation, word choice, and tone. They will be required to write both formally and informally. In preparation for the AP exam, students will write expository, analytical, argumentative, and synthesis essays. Informal writing processes will help them to write with increasing complexity, voice, and sophistication. This course is considered the equivalent of a college-level composition course; students will be held to rigorous expectations, and high standards of accountability.

At the end of the course, they will be prepared for not only the AP exam, but any situation which requires them to think critically, communicate clearly, and analyze multiple (sometimes conflicting) viewpoints. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board the governing Body for AP Courses and prepares students for the College Board examination for English Language and Composition.

College Prep • NCAA Approved

12th AP English Literature + Composition

AP English Literature and Composition provides students with an experience equivalent to an entry-level college literature course. Employing a wide range of quality literature, students will read critically, ask pertinent questions about what they have read, recognize assumptions and implications, and evaluate ideas.

Students will gain the skills to analyze literature in both excerpts and whole works; their focus will be on identifying and analyzing theme, plot, point of view, characterization, setting, tone, mood, atmosphere, and style.

Students will be guided through (working towards independence) close readings of texts. They will learn to identify and discuss the use of literary devices, and the effect the devices have on the text and on the purpose and interpretation of the text.



Students will be asked to write essays, which stem from an effective thesis, have an organizational structure, discuss the prominent features of a text, show insight, and use effective and purposeful diction and syntax. Students will have the opportunity to read and write with each lesson.

They will access a variety of multimedia, participate in interactive activities, and refine their writing skills with each assignment as they strive to assess and improve their literary understanding and analysis skills.

Students enrolled in AP Literature and Composition are expected to make a commitment to a rigorous curriculum of literary analysis and composition. In an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for English Literature and Composition.

College Prep • NCAA Approved

SOCIAL STUDIES

GRADE 9

Sociology Semester Only

This course is designed to explore basic principles and theories of sociology. It also focuses on many different aspects of human behavior and life.

The strategies implemented in this course are primarily student-centered to guide students in acquiring the knowledge and skills required to meet content standards.

During the course, you should be able to explain how ethics vary in different cultures, groups, and societies, the cultural trends that affect how society operates, and how to work well with people from different backgrounds. Identify learn about the political and economic aspects of sociology in cultures

worldwide, what stereotypes and prejudices people from other cultures endure, and give students a clear understanding of how people interact as individuals and groups daily.

Compare and contrast their daily lives, cultural norms, and their relationship with family and friends with that of other people from around the globe.

College Prep • NCAA Approved

GRADE 9

Psychology Semester Only

Compare and contrast the field of psychology to other social and physical sciences. Define psychology and explain how psychology qualifies as a science.

Early History explains the foundations of psychology as a philosophy and identifies historical approaches to psychology.

Summarize how functionalism and structuralism sought to understand the mind's structure and functions.

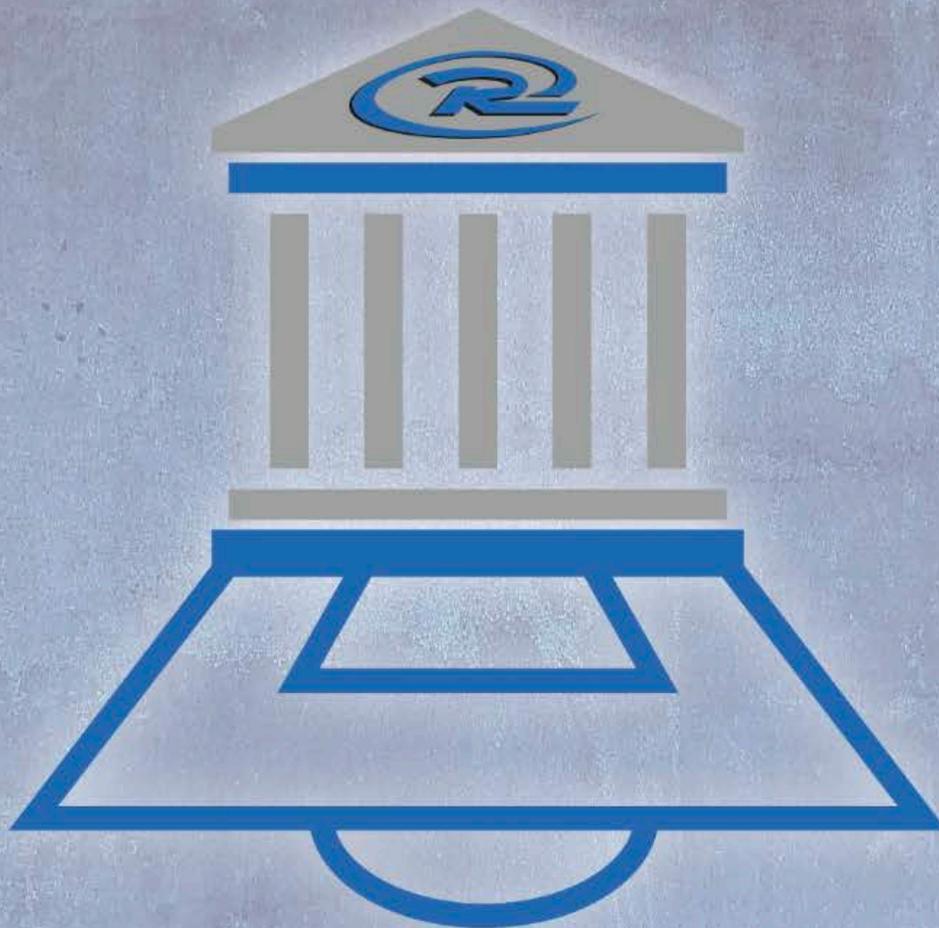
Modern History explains the factors that affect the influence of contemporary psychological perspectives and identify contemporary perspectives psychologists use to study behavior and cognitive processes.

Historical issues in psychology explain how early psychological research was biased and identifies the contributions women and minorities have made to psychology.

Summarize why minority groups were excluded from psychology fields and occupations of psychology identify occupations available to students who obtain different degrees in psychology and list and describe several areas and subfields of psychology.

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COLLEGE ADVISORY PROGRAM

THE COLLEGE ADVISORY PROGRAM OR CAP PROGRAM IS DESIGNED TO HELP GUIDE AND EDUCATE PLAYERS U15 AND OLDER THROUGH THE COLLEGE SELECTION PROCESS.

VISIT RUSHCOLLEGE.COM FOR MORE INFORMATION

LARGEST COLLEGE NETWORK

GRADE 10

Honors World History

Students in this Honors World History course will explore and analyze the social and cultural, as well as the political and economic, aspects of key civilizations in world history.

Engaging in a variety of instructional methods -primary source materials, art interpretation, graphs, and map exercises-students will draw on different skill sets to a deep understanding of the connections, patterns, and themes in history.

The text is rich, varied, and full of informative photographs. This intense and challenging course focuses on delving and discovering underlying causes of world events as well as their lasting impact. The main goal of the World Civilizations textbook, and this course, is to present a global history— from the very beginnings of agriculture and herding to the present. Students will view the main periods of human history through the lens of global contact.

As with all human endeavors, nothing in history happens in isolation, and the text acknowledges this concept by prompting students to consider the reverberating impacts of historical events— both on the national scale and on the “ordinary human” level.

College Prep • NCAA Approved

GRADE 11

Honors U.S. History

Students enrolled in Honors American History engage in an in-depth study of the significant events in the history of the United States.

The course begins with a detailed review of how North and South America was settled, then delves deeply into the American Revolution and the founding of the United States.

Students will move through both world wars and the

Cold War—making applications to the overall American story, rather than focusing on chronological events.

This course will not only address controversial issues such as the Civil Rights and Women’s Rights movements, as well as the Vietnam War, but also will put historical events into context and explore lasting impacts on present-day America.

Making their way through to modern times, students discover the current administration, the most recent struggles both at home and abroad are researched, examining the issues that confront present-day America.

Students will write a college-style research paper investigating topics of personal interest and will obtain factual information about history while developing critical thinking skills that will remain valuable throughout their lifetime.

College Prep • NCAA Approved

GRADE 12

Honors Government - Semester

This advanced American Government course covers the foundations of American government, political parties and the Fourth Estate, interest groups, the electoral process, the three branches of our federal government, comparative international political and economic systems, and the foundations of state and local government.

Through in-depth milestone assignments, students will critically analyze the election process, public policy, and foreign affairs, as well as becoming involved with a personal service project.

College Prep • NCAA Approved

Honors Economics - Semester

This is a multidimensional program designed to help students of all abilities achieve fundamental



understanding of core economic principles. Students will learn key concepts, based on Social Science Standards and Framework.

Topics include economic systems, supply, demand, prices, market structure, labor, banking, GDP, taxes, and international trade. The concepts presented in the text are supported by a variety of activities to help students apply their new knowledge to the real world.

College Prep • NCAA Approved

AP U.S. HISTORY

GRADES 11-12

AP U.S. History

The history of our nation can be vast in subject matter. In this AP US History course, Club Med Academies School students chart the progress of the U.S. from a colonial nation through a new order and onto a new century, utilizing sound 21st Century creative and critical thinking learning skills, quizzes, short videos, traditional teaching methods and engaging reflections.

Students personalize and own a piece of our nation's history, assess historical primary and secondary sources weighing the evidence presented to arrive at informed conclusions. Students learn to think like historians: evaluating sources and interpretations, developing thesis statements, supporting their interpretations with evidence, and communicating their conclusions persuasively.

Students gain an appreciation for how historic events have shaped our modern political, social, cultural, and economic life. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for United States History.

College Prep • NCAA Approved

AP World History

AP World History covers the history of the world from 600 C.E. to the present with an introduction unit on the period before (covering around 8000 B.C.E. To 600 C.E.). Students will be introduced to and understand “patterns of change” and the connections between the various world cultures throughout this time period, as well as global experiences of humanity and be able to apply that knowledge to their growth and development as “world citizens”.

This course offers a wide variety of instructional activities, including objective exams, debates, simulations, threaded-board discussions, a trial, document based questions and research assignments. First semester topics range from the development of human history from prehistoric times through the Enlightenment. Second semester topics cover the rise of the Ottoman Empire to the present. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP courses and prepares students for the College Board examination in World History.

College Prep • NCAA Approved

AP U.S. Government & Politics – Semester

From an analytical perspective, Club Med Academies AP US Government and Politics presents American politics. This multi-modality course uses thought provoking visual images, discussions, video animation, as well as a traditional text to introduce ideals, institutions, and processes that direct the daily operations of our government and shapes our public policies.

Building on basics, students will explore a variety of theoretical perspectives and explanations to interpret and analyze the political landscape to develop a better understanding of the strengths and weaknesses of our system of government.



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College Prep •NCAA Approved

AP Microeconomics - Semester

Students taking this course will examine concepts such as supply and demand, factors of production, roles of labor and management, the relationship between the environment and the economy, and the impact of the government on individual decision-making processes.

Including the timely subject of the stock market as an investment option and tracing various stocks through the semester using the Wall Street Journal and the Internet as resources. Utilizing quizzes, discussions, document based questions, the focus of the course is to prepare students for the College Board AP exam.

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Microeconomics.

College Prep •NCAA Approved

AP Macroeconomics - Semester

Living in a global community in the 21st Century, the AP Macroeconomics course at Club Med Academies School is an emphasis on how the economic system works as a whole. The primary course objective is the study of the determinants of the aggregate level of economic activity in a global economy.

Attention focuses on the demand for output by households (consumption spending), businesses (investment spending), government spending, and trade

with the rest of the world (net exports), as well as the roles played by fiscal and monetary policies.

In addition, coverage centers on the problems of inflation, unemployment, federal budget deficits, and stimulating economic growth.

Through multi-modality assignments including discussions, text book readings, and document based questions to develop critical thinking and writing skills, students will study how the economy is measured by using concepts such as gross domestic product (GDP) and other indicators.

Concepts such as inflation, unemployment, world trade patterns, and the role of the Federal Reserve Bank will be examined.

Engaging in decision-making processes, students create an environment where high employment and a higher standard of living are achievable by using the economic tools of fiscal and monetary policy.

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Macroeconomics.

College Prep •NCAA Approved

AP Psychology

The complex nature of human beings is explored in-depth in Club Med Academies School's AP Psychology course. This course is a survey of psychology that introduces students to the major topics of the field, the terminology and methodology of psychology, as well as the historical and current understanding of human behavior and thought-processes.

Beginning with the concept of thinking like a Psychologist, students learn to analyze human



experiences and to apply what they have learned to the world around them utilizing vast educational resources, including a multitude of assignments, games, self-checks, quizzes, reflections, discussions, videos and document based questions.

Because this is an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Psychology.

College Prep • NCAA Approved

MATH

GRADE 9-12

Honors Algebra 1

Honors Algebra 1 emphasizes abstraction and critical thinking in mathematics. Students will develop an organized approach to solving a wide variety of algebraic problems utilizing the symbols, methodologies, and language necessary to properly communicate and analyze the algebraic concepts in this course.

The basic operations and properties of mathematics build the foundation for the introductory statistics, laws of exponents and radical and rational expressions.

This course will provide a foundation to the symbolic language of mathematics by solving equations containing unknown values.

Problem solving is emphasized in single and multiple step equation solving and through graphical representations of functions. The students will solve systems of linear equations by elimination, substitution, and matrices.

In preparation for advanced algebra, the students are introduced to quadratic functions and polynomials with an emphasis on factoring and graphing. This course has an increased pace with an emphasis on higher

order thinking skills that impact increasingly complex applications. Strong problem solving skills are required to be successful in Honors Algebra 1.

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Honors Geometry

Honors Geometry balances an investigative approach to geometry with an emphasis on helping students develop the ability to reason deductively. Students are introduced to the skills and concepts of geometry through real-world examples and using mini-investigations that lead students through each step of the reasoning process they must master.

Geometric concepts and their real-world applications are presented through a variety of textual explanations, application problems, video tutorials, and investigations. The real-world component is demonstrated through student created assessments.

The practical use of geometry, as well as its mathematical and theoretical relevance is emphasized throughout the course. Students make conjectures and must justify them through two column and indirect proofs. Algebra skills are reintroduced and students have ample opportunity to apply their knowledge of algebra to the study of geometry, creating a solid level of geometric thinking.

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Honors Algebra 2

Honors Algebra 2 requires that the student apply real world situations to the algebraic terminology and concepts, demonstrated in student created assessments. Students develop an organized approach to solving a variety of higher-level algebraic problems utilizing the symbols, methodologies, and language necessary to properly communicate and analyze the algebraic concepts covered in this course.

In addition, students will master conventional systems while strengthening their intuitive development with



problem-solving and critical thinking skills. The focus is on polynomial, rational, and radical relationships, trigonometric functions, modeling with functions, and inferences and conclusions from data.

The course builds upon linear relationships, leading to quadratic, polynomial, exponential logarithmic, and rational functions. The algebraic concepts are applied to conic sections, trigonometric functions and identities, and probability and statistics with an emphasis on binomial and normal distributions.

Requirement: Students will need graphing calculators TI-83, TI-84 Plus or TI-89.

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Honors Trigonometry- Semester

Honors Trigonometry provides a thorough grounding in the discipline's fundamentals, including right-triangle trigonometry, the six trigonometric functions, radian measure, graphing and inverse functions, identities, equations, complex numbers, polar coordinates, and logarithms.

The mastery of the student's trigonometric knowledge is demonstrated through an ongoing portfolio in which the student provides real life examples to illustrate the key terms of the unit. This one semester course prepares students for Pre-Calculus for their second semester.

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Honors Pre-Calculus

The main objective of this course is to introduce the student to advanced topics in mathematics and to prepare the student for taking the AP Calculus exam the following year. This course will cover the fundamental concepts of polynomials, exponential, logarithmic and trigonometric functions, inverse functions, analytic geometry, polar coordinates, complex numbers, vectors, determinants, sequences, series, matrices, limits and continuity.

The course places a strong emphasis on critical thinking skills and verbal and written communication methods for solving problems. The use of technology, such as the graphing calculator, is highly integrated into the course and the textbook to allow all students to see the solution from a graphical perspective and to accommodate those with different learning styles.

Additionally, connections are made throughout the Pre - Calculus course to calculus, art, history, and a variety of other fields related to mathematics.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

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AP MATH

GRADES 11-12

AP Calculus Prep

AP Calculus AB is a comprehensive introduction to calculus that is comparable to a one semester college-level course. The material is challenging and corresponds with the syllabus of the College Board Advanced Placement Program.

The course is mainly concerned with developing understanding of the concepts of calculus and applications to many areas of study including science, business, and engineering.

The course emphasizes problems that are being expressed graphically, numerically, and algebraically. Students will build the foundation of Calculus by analyzing graphs and calculating limits of functions. The concepts of continuity and derivative as a rate of change will lead to the computation of derivatives using the sum rule, product rule, quotient rule, chain rule, and implicit differentiation.

The derivatives of all functions are introduced which include power functions, exponential functions, logarithmic functions, trigonometric functions, and



inverse trigonometric functions. These derivatives are applied to the solving of real world situations. The course continues with techniques of integration, indefinite integrals, definite integrals, the fundamental theorem of calculus, and various applications of integration.

Students will need to be very proficient in the applications of the graphing calculators as it will be used extensively and required for 2 sections of the AP Calculus AB Exam. Students will need graphing calculator TI-83, TI-84 PLUS or TI-89. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Calculus AB.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

College Prep • NCAA Approved

SCIENCE

GRADE 9-12

Honors Physical Science

This course provides students with instruction in the nature of science, including scientific processes, the scientific method, and scientific inquiry. It covers safety in the lab and the field, principles for conducting experiments, and the need for scientific communication. The course then covers the atomic nature of matter, classification of the elements, the periodic table, acids, and bases. Next, students are introduced to energy. They learn what energy is and the various forms of energy. They explore energy transformations and specifically discuss the production of electricity.

The course discusses energy in motion, with emphasis on defining work, power, velocity, acceleration, forces, and

gravity. Students learn about Newton's laws of motion and simple machines and have the opportunity to design their own machine using the basic principles of physics.

Finally, the course discusses the composition and structure of the universe, the life cycles of stars, and space exploration.

College Prep • NCAA Approved

GRADES 9-12

Honors Biology

Honors Biology offers a research- and writing-intensive version of our regular Biology course. During this course, students learn the fundamental concepts of biology: the nature of life, basic chemistry, animal maintenance, plant maintenance, reproduction and development, genetics, evolution, diversity of living things and ecology.

Through investigations and activities, students gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting and predicting.

The course includes weekly thought-provoking lesson activities and short-answer essays. Students complete a term paper on a chosen topic in the second semester.

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Honors Chemistry

This course offers an intensive, Honors-level study of Chemistry for students preparing for college or a technical career. Our course is extremely thorough. Main topics include Phases, Atomic and Molecular Models, Polarity, Solutions, Ionic Bonding, Stoichiometry, Acids and Bases, Le Chatelier's Principle, The Mole, Nuclear Reactions, The Periodic Table, Isomers, Molecular Orbitals, Chemical Reactions, Energy and Change, Osmosis, Entropy, Reaction Rates, and more.

College Prep • NCAA Approved



AP SCIENCE

GRADES 11- 12

AP Biology

This course guides students to a deeper understanding of biological concepts including the diversity and unity of life, energy and the processes of life, homeostasis, and genetics.

Students learn about regulation, communication, and signaling in living organisms, as well as interactions of biological systems. Students carry out a number of learning activities, including readings, interactive exercises, extension activities, hands-on and laboratory experiments, and practice assessments.

These activities are designed to help students gain an understanding of the science process and critical-thinking skills necessary to answer questions on the AP Biology Exam. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Biology.

College Prep •NCAA Approved

AP Chemistry

The purpose of Advanced Placement Chemistry is to provide a college level course in chemistry and to prepare the student to seek credit and/ or appropriate placement in college chemistry courses.

The course is designed to meet the recommendations of the College Board's Revised AP Chemistry Curriculum and is structured around the six big ideas articulated in the AP Chemistry Curriculum Framework.

A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills.

Students are engaged in hands-on laboratory work, integrated throughout the course that accounts for more than 25% of the class time. With teacher guidance, students explore chemistry, perform hands-on labs, and engage with a suite of labs.

A variety of assessments are delivered at regular intervals to monitor learning progress. The course scope and rigor will prepare students for the College Board AP Chemistry Exam and further educational pursuits. The two-semester, 36 week, course meets College Board requirements.

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AP Physics

The Advanced Placement Physics course is a mathematically rigorous course, designed specifically to prepare students for the AP Physics B exam. Physics is the most fundamental branch of all sciences, and one of the most enjoyable to study.

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability, using algebra, trigonometry and, rarely, calculus.

The equivalent of an introductory college-level course, AP Physics B prepares students for the AP Exam and for further study in science and engineering. AP Physics B covers five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics.

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Physics.

Requirement: Student will need a TI-83 or TI-84 Plus calculator.

College Prep •NCAA Approved



AP Environmental Science

AP Environmental Science is a yearlong examination of the interrelationships of the natural world. Students identify and analyze environmental problems and their effects, and evaluate the effectiveness of proposed solutions.

Students learn to think like environmental scientists, making predictions based on observations, writing hypothesis, designing and completing field studies and experiments, and reaching conclusions based on the analysis of data derived from these experiments. Students apply these concepts of environmental science to their everyday experiences and current events and issues in science, politics, and society.

The course provides opportunities for guided inquiry and student-centered learning to foster critical thinking skills. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course had been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examinations for Environmental Science.

College Prep • NCAA Approved

WORLD LANGUAGE

SPANISH

Spanish 1

Spanish 1 is an introductory course in learning academic Spanish. It is also the foundation course for Spanish 2 and Spanish 3 text. Spanish 1 is a college requirement course. Beginning verb conjugation and grammar as well as basic vocabulary is emphasized. The Spanish 1 covers pronunciation and conversational skills. Two practice workbooks support the standard-based Spanish 1 textbook.

College Prep • NCAA Approved

Spanish 2

Realidades Spanish 2 includes a thorough review of the material learned in Realidades Spanish. The course is comprehensive, standards-based, and college preparatory.

The content balances grammar with oral and written communication and vocabulary. The course also combines learning the Spanish language with an appreciation for various aspects of Hispanic cultures around the world.

Students will also improve their fluency in speaking Spanish, while they learn how to conjugate irregular & reflexive verbs, possessive adjectives & pronouns, and will be able to use both the preterit and imperfect tenses while describing action in the past.

Prep • NCAA Approved

Spanish 3 Honors

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational.

Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts.

Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, read and analyze important pieces of Hispanic literature, and take frequent assessments to monitor their progression.



The course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: High School Spanish 1 & 2 College Prep • NCAA Approved

FRENCH

French 2

The “Discovering French -Nouveau!” program offers superior instruction for high school students who wish to master first (French Bleu) and second year (French Blanc) French. This program integrates a textbook and activity workbook to help maximize and develop strategies for reading, writing and speaking skills.

Photos, illustrations and text provide the student with many opportunities to learn about not only France and its people, but also many other Francophone cultures. All aspects of daily life are covered and the student will learn about meeting people, ordering food, going out with friends, planning vacations and much more.

College Prep • NCAA Approved

French 2

The “Discovering French -Nouveau!” program offers superior instruction for high school students who wish to master second year (French Blanc) French. This program integrates a textbook and activity workbook to help maximize and develop strategies for reading, writing and speaking skills.

Photos, illustrations and text provide the student with many opportunities to learn about not only France and its people but also many other Francophone cultures. All aspects of daily life are covered and the student will learn about meeting people, ordering food, going out with friends, planning vacations and much more.

Prerequisite: High School French 1 College Prep

• **NCAA Approved**

French 3 Honors

Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal, and presentational.

Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts.

Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, read and analyze important pieces of literature, and take frequent assessments where their language progression can be monitored.

The course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: High School French 2 College Prep • NCAA Approved

FINE ARTS

Available as either semester or full year unless noted.

GRADES 9-12

Music World

Music World is a streamlined course that introduces



students to the history, theory, and genres of music, from the most primitive surviving examples through the classical to the most contemporary in the world at large.

The course is offered in a two-semester format: The first semester covers primitive musical forms and classical music. The second semester presents the rich modern traditions, including: jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop.

The course explores the interface of music and social movements and examines how the emergent global society and the Internet are bringing musical forms together in new ways from all around the world. Students complete either a performance practicum or a listening practicum throughout the course.

The performance practicum requirement can be met by participation in supervised instrumental or vocal lessons, participation in a church or community choir, community musical performances, or anything that is structured to meet at regular intervals and legitimately provides opportunities for students to build vocal and/or instrumental skills.

The listening practicum requires students to listen to a variety of music genres and comment. Parents or guardians will be required to validate their children's regular participation in the chosen performance or listening practicum.

College Prep

Music Appreciation

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

College Prep

AP FINE ARTS

GRADES 10-12

AP Art History

The focus of this course is to encourage, engage and enhance student understanding of a variety of artistic forms and genres, ranging from visual expression—painting, sculpture, architectural techniques—to historical themes and the development of specific cultural genres. As students navigate the material, they'll be encouraged to develop their own critical eye through a progressive application of visual analysis and experiential assignments which provide insights into issues such as the fundamental "function" of artistic expression, as well as social impacts.

Prior knowledge of Art History or artistic training are not required in order to effectively take part in this course, as it's designed to be a "doorway" for all levels of experience and academic interest. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Art History.

Additionally, students can fulfill the Fine Arts entrance requirement for the University of Florida system by taking this Advanced Placement Fine Arts course, and passing the College Board's AP Fine Arts exam with a score of 3 or higher."

College Prep • Honors

HEALTH & PHYSICAL EDUCATION (HOPE)-

Health

Health is concerned with helping the student learn to respect and care for him or herself. Following the National Health Education standards as well as Florida and Ohio state standards, this course covers such health



concerns as alcohol, tobacco, and other drugs; mental and emotional health; injury prevention and personal safety; nutrition; and personal health and physical activity. Our text uses an eye-catching design and many tools to engage the student in the topics.

Meets Elective Graduation Requirements

ELECTIVES

Available as either semester or full year unless noted. All courses meet elective Graduation requirements unless stated as College Prep.

AP Computer Science Grades 11-12- Full Year

AP Computer Science A focuses on object-oriented programming methodology with a concentration on problem solving and algorithm development. It also addresses the study of data structures, design, and abstraction.

Students who choose AP Computer Science A should have successfully completed Algebra II as well as some previous programming experience, a basic understanding of networks, and knowledge of the responsible use of computer systems (including system reliability, privacy, legal issues, intellectual property, and the social and ethical ramifications of computer use).

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Computer Science A.

College Prep • Honors

Art Journal - Semester

Art Journal is a second-semester accompaniment to Journal Writing, or it can stand alone as a singular semester course. Recommended for students with a strong interest in pursuing art studies, Art Journal

explores theoretical and conceptual artistic elements best suited for students with some art background.

It combines personal experience with artistic expression in writing and drawing by encouraging daily reflection on various themes, culminating in a final report.

Astronomy: Exploring the Universe - Semester

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us.

This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe.

Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Calligraphy - Semester

Calligraphy offers a beginner's workshop in learning the art of beautiful writing. The course starts by teaching students how to select the proper pen and hold it correctly, then moves on to training the writer to listen to his or her creative side. Learn to produce unique gifts, stationery and invitations that will be valued by your friends and family. Both Italic and Gothic styles are studied.

Cartooning Animals - Semester

From drawing simple animals to villains, this course teaches the basics of how to draw cartoons for comic strips and other art-related activities.

Students learn how basic elements of shading and coloring can make their own action figures pop right off the page!



Learn how using a triangle and T-square, effective wrist movements and art supplies can help round out your “budding artist” skills. This is a fun course for the creative student.

Creative Writing - Full Year Astronomy

While using proper grammar, punctuation and spelling is important, each student must also develop the writer within. Creative Writing is designed to encourage students to appreciate the joy of writing and heal from past negative experiences with writing. This is an excellent course for students who want an opportunity to express themselves through the written word. The course focuses on all aspects of writing, from personal writing to narrative and expository writing, and culminates with a full-term paper.

Creative Writing - Semester

This is a friendly, student-centered course, written for all skill levels, that fosters creative writing in a variety of forms. Students explore journal writing, poetry, fiction and nonfiction such as letter writing and technical writing.

College Prep

Criminology: Inside the Criminal Mind - Semester

In today’s world, crime and deviant behavior rank at or near the top of many people’s concerns. In this course, we will study the field of Criminology - the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds.

Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments

given for the same crime? What factors...from arrest to punishment...help shape the criminal case process?

College Prep

Digital Photography I: Creating Images with Impact! - Semester

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn’t seem to capture that moment that you saw with your eyes? The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

College Prep

Digital Photography II: Discovering Your Creative Potential - Semester

In today’s world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Professional photographers have created many of the images that we see. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography.

We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye-catching photograph.

College Prep

