



2020-2021 HIGH SCHOOL COURSE CATALOG

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HISTORY/ SOCIAL SCIENCE

GEOGRAPHY 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

Students in World Geography will examine the earth's landscapes, people, and cultures through the lens of the Five Themes of Geography: Location, Place, Regions, Movement, and Human-Environment Interactions. Beside strengthening their ability to read and use maps, students will also strive to develop habits of mind that enable them to better observe the many connections and patterns (social, economic, political, cultural) that exist in our world.

WORLD HISTORY 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 10
Prerequisite: None

World History is a two-semester course where tenth grade students study the social, political, economic, and geographic facets of Western Civilization, from antiquity through the 21st century. While this course does touch upon ancient civilizations (Greece, Rome, Medieval Christianity, Islamic Empires), it will focus primarily on the birth, evolution, and spread of Democratic ideas beginning from the European Renaissance & Reformation, through the Scientific Revolution & Enlightenment, and into the 20th century. This course will also examine the Industrial Revolution, the Era of European Imperialism, the World Wars, the Cold War, and the post-colonial struggles that have helped shaped the modern world.

U. S. HISTORY 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 11
Prerequisite: None

Students in US History will be exposed to the full breadth of US History from the earliest transatlantic contact to the 21st century. Students first examine the establishment and development of European colonies in the new World and the eventual War for Independence by Britain's American colonies. The course then surveys the new nation, its unique political system, and the assorted challenges it faced as geographical expansion continued and Civil War became imminent.

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ECONOMICS *+

Length/Credit: 1 semester
Credits: 1 credit
Grades Offered: 12
Prerequisite: None

Economics is a one-semester course that begins with an overview of fundamental economic concepts. The core concepts of economic thinking and the principles of microeconomics and macroeconomics are addressed both in the abstract and in historical, real world contexts. Various types of economics systems are analyzed & compared, as are diverse economics institutions operating in the USA and around the globe today. Money, banking, and finance, the role of government in the economy, economic development, and the measurement of economic systems are also addressed in this course.

GOVERNMENT *+

Length/Credit: 1 semester
Credits: 1 credit
Grades Offered: 12
Prerequisite: None

US Government is a one-semester course in which students foster a deep understanding of the institutions and ideals of American government: the history and changing interpretations of the Constitution and the Bill of Rights; the historical development of the legislative, executive, & judicial branches; and the evolution of the Federalist system. Student will also examine America's political & electoral processes, the expansion of civil liberties over the course of American history, and significance of assorted Supreme Court cases. The impact of global trade & modern technology on law & governance, as well as the making of foreign policy are also addressed.

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ENGLISH

ENGLISH 1/2 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9

Prerequisite: Grade C or higher in 8th grade English or based on teacher/counselor recommendation.

In this course, students will apply their knowledge of word origins to determine the meaning of new words encountered in reading materials and use these words accurately. Students will analyze the organizational patterns, arguments, and positions proposed. In addition, students will read a wide variety of classic and contemporary literature, magazines, newspapers, and online information. Students will develop their skills in appropriate word choice, language mechanics, effective sentence & paragraph organization, and polish their essay writing techniques. Students will write informative/expository, persuasive and narrative essays. Practice with a variety of letter formats will be presented. Research skills and technology will be used when appropriate. Self-editing skills, spelling rules, roots, prefixes and suffixes will be reinforced.

ENGLISH 3/4 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 10

Prerequisite: English 1/2, or based on teacher/counselor recommendation.

In this course, students will read, analyze, and respond to a variety of classic and contemporary literature from various cultures worldwide. Students will engage in class discussions, reflective journal writing, and major writing assignments including expository, explanatory, compare/contrast, and argumentative essays. They will learn to develop well organized writing to address a specific audience that includes well-developed paragraphs, a thesis statement or controlling idea, supportive evidence, and a strong conclusion. Using standard American English conventions, students will demonstrate their command of grammar, syntax, and word choice within a cohesive structure.

ENGLISH 5/6 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 11

Prerequisite: English 1/2, and English 3/4, or based on teacher/counselor recommendation.

The American literature course will explore selections by classic and contemporary American authors from various literary periods. Students will explore the historical, philosophical, political, and social influences of the times and their impact on the literature. Students will engage in intellectual class discussions and respond to various literary elements such as: character analysis, use of rhetorical devices, theme, tone, and the author's purpose. Formal writing includes analytical, argumentative, explanatory, and research essays. Students will expand on their writing skills by developing well-organized, focused essays meeting American English writing standards.

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ENGLISH 7/8 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 12

Prerequisite: English 1/2, English 3/4, and English 5/6, or based on teacher/counselor recommendation.

The focus of this course is 12th grade level reading material including an emphasis on British literature. In this course, students will read novels, autobiographies and classic literature. They will complete independent reading at home throughout the year and participate in on-line research projects. Students will read and respond to historically significant works of literature that reflect and enhance their studies of history and social science. Students will write essays that reflect their understanding of literature and that are grammatically and structurally edited. Students will also deliver focused and coherent presentations based on independent research that convey clear and distinct perspectives and solid reasoning.

AP ENGLISH LITERATURE AND COMPOSITION *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 12

Prerequisite: English 1/2, English 3/4, and English 5/6, or based on teacher/counselor recommendation.

This advanced literature course will engage students in careful reading and analysis of a challenging set of literary works from a range of genres including the novel, short story, poetry, and drama. The focus of the course will be on intensive reading and discussion of the literature, as well as introduce secondary critical essays for discussion and evaluation. Emphasis will be placed on thoughtful and cogent analysis of the readings using a variety of theoretical frameworks and devices. This course also prepares students who do all the coursework for the Advanced Placement Literature and Composition Exam administered each May. Students will read, write and discuss poetry, fiction, and drama at an advanced college level while using online resources to develop skills including sophisticated use of literary elements and terminology, close readings of various texts, creating, drafting, and editing college-level analytical essays, preparing and writing timed essays, and advanced use and mastery of standard English.

EXPOSITORY READING AND WRITING COURSE (ERWC) *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 12

Prerequisite: English 1/2, English 3/4, and English 5/6, or based on teacher/counselor recommendation.

The Expository Reading and Writing Course is designed to prepare seniors for the literacy demands of higher education. Students will develop advanced proficiencies in expository, analytical, and argumentative reading and writing. Students will be expected to increase their awareness of the rhetorical strategies employed by authors, and to apply those strategies in their own writing. Students will closely examine the relationship between an author's argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text.

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BASIC ENGLISH AS A SECOND LANGUAGE (ESL)

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Teacher/counselor recommendation.

This course introduces students to basic structures and vocabulary of the English language through the skills of reading, writing, speaking, and listening. Students learn strategies in order to advance their reading, listening, and pronunciation skills. They expand oral comprehensibility and write complete sentences, a standard paragraph, and short content-based essays. They utilize level-appropriate conventions of grammar and punctuation with a minimum of errors.

INTERMEDIATE ENGLISH AS A SECOND LANGUAGE BASIC (ESL)

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Teacher/counselor recommendation.

This course is an extension of the skills learned previously as a Basic User. It focuses on syntax, continued vocabulary development, reading, listening comprehension, speaking and pronunciation skills, and writing multiple-paragraph compositions that demonstrate organization of ideas, use of a thesis statement, and supportive elements. Intensive grammar instruction that supports academic writing skills is emphasized. This course contributes to skills needed in mainstream classes and universities.

ADVANCED ENGLISH AS A SECOND LANGUAGE BASIC (ESL) *

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Teacher or counselor recommendation.

In this course, advanced English language learners discover how to use and extend their vocabulary, grammar, and communication skills more consciously and effectively for academic purposes. This course is similar to a mainstream English course in that students analyze classic literature and write multi-draft essays of various forms. Students participate in whole-class and small-group academic discussions.

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MATHEMATICS

ALGEBRA 1/2 *+

Length of Course: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11

Prerequisite: Grade C or higher in 8th grade mathematics and teacher recommendation.

Algebra 1/2 is the first course in the college preparatory math sequence. It is a one-year course that satisfies the Algebra 1 math sequence requirement. It is a study of real numbers and their properties; writing and solving equations and inequalities, linear equations, quadratic and exponential functions; equations and expressions; statistics and probability. Passing this course is a requirement for graduation.

GEOMETRY 1/2 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Algebra 1/2

This college-level course involves description and relationship of space, explanations of geometric relationships, and the development of reasoning skills. It is a one-year course that satisfies the Geometry math sequence requirement. This course teaches the properties of angles, lines and planes, covers polygons and circles as well as the applications of circumference, area, and volume formulas. Students are introduced to Geometry terms and concepts including the Pythagorean theorem, polygon similarity, deductive reasoning. Passing this course is a requirement for graduation.

INTERMEDIATE ALGEBRA 1/2 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Algebra 1/2, and Geometry 1/2

In intermediate Algebra students are introduced to the concept of a function. The class consists of an investigation of different functions, their graphs and properties. These functions will be used to solve linear equations and inequalities, systems of equations and inequalities as well as radical equations and inequalities. Particular attention will be paid to linear, quadratic, exponential and logarithmic functions. This course incorporates problem solving skills, logical thinking, and real life applications. Passing this course is a requirement for graduation.

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PRE-CALCULUS 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 10, 11, 12

Prerequisite: Algebra 1/2, Geometry 1/2, Intermediate Algebra 1/2.

This course is designed for students who successfully finished Geometry and Intermediate Algebra. This course introduces and reinforces concepts needed to succeed in Calculus. Expectations are higher in this course, as students prepare to take advanced level mathematics. This course includes the study of linear, quadratic, power, exponential, rational, logarithmic, and trigonometric functions and their graphs, polar coordinates, complex numbers, vectors, sequences and series.

A.P. CALCULAS A/B *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 11, 12

Prerequisite: Students need to have passed Algebra 1/2, Geometry and Intermediate Algebra with a B or greater, Pre-Calculus, or based on teacher/counselor recommendation.

This is an Advanced Placement college-level course and is weighted in the GPA. In this college-level course, students will cover major topics of mathematics outlined by College Board including: limits and continuity, derivatives, integrals, differential equations, and applications. This course prepares students for the AP Calculus AB Exam and additional college coursework in Calculus.

A.P. STATISTICS *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 11, 12

Prerequisite: Prerequisite: Students need to have passed Algebra 1/2, Geometry and Intermediate Algebra with a B or greater, or based on teacher/counselor recommendation.

This is an Advanced Placement college-level course and is weighted in the GPA. In this college-level course, students will cover major topics of mathematics outlined by College Board. Students will be introduced to the tools for collecting, analyzing, and drawing conclusions from data. Students will cover four major themes including exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

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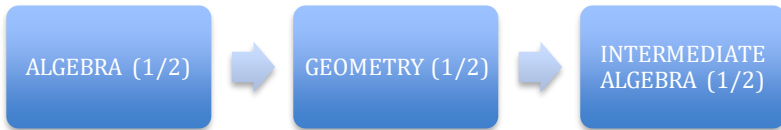
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MATHEMATICS FLOW CHART

Algebra/ Geometry Core

PATHWAY 1: Graduation Requirement (3 Years Math/ 6 Credits)



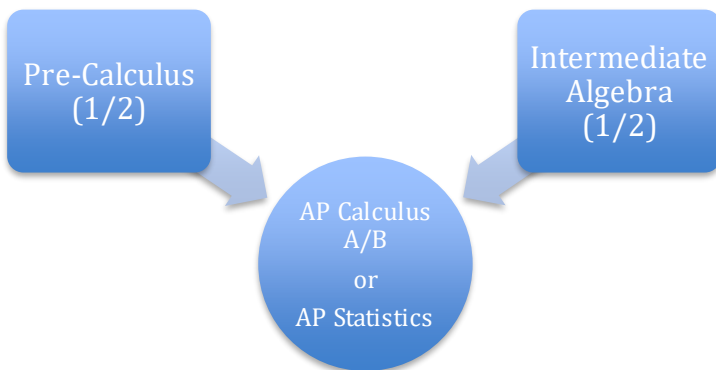
PATHWAY 2: Graduation Requirement (3 Years Math/ 6 Credits)

Placement directly in a Geometry course is based on student grades, teacher recommendation and student skill level. A student that completes Algebra 2 with a C or better without completing the lower-level (Algebra 1) course will validate the missing lower level course and will be considered a subject omission. However, Geometry cannot be validated by a higher-level coursework. This sequence is for students with higher-level math skills that plan on taking an additional year of advanced level math. Students that are successful in Intermediate Algebra may advance to AP Calculus or AP Statistics with teacher recommendation.



MATH ELECTIVES

An additional year of mathematics for students with advanced mathematical skills. Placement into advanced level courses is based on grades and teacher recommendation.



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LABORATORY SCIENCE

BIOLOGY 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

The subjects covered include cell biology, genetics, evolution, ecology, and physiology with an emphasis on human body structure. Topics include cell structure and organization, genes as a set of instructions encoded in the DNA, genetic mutations, and the structure and function of DNA, RNA, and proteins; the theory of evolution and the principles of ecology including populations, ecosystems, biological communities, and the environment; human biology including body structure and the major systems that regulate the functions and activities in the human organism. Individual projects, lab experiments, research projects, videos, discussions and activities are used.

CHEMISTRY 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: C+ or greater in Algebra (1/2) is strongly recommended.

Chemistry is a one-year college prep science course that satisfies one of the physical science requirements. Study includes the metric system, measurement, atomic and molecular structure, the Periodic Table, chemical bonds, conservation of matter and stoichiometry; the theory of solid, liquid, and gaseous states of matter and their properties, acids and bases, solutions, reaction rates, chemical equilibrium, chemical thermodynamics; electrochemistry (time permitting). Individual projects, lab experiments, research projects, videos, discussions and activities are used.

ENVIRONMENTAL SCIENCE 1/2 *+

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 11, 12
Prerequisite: Completion of Biology. Completion of Chemistry recommended, or based on teacher/counselor recommendation.

This course provides students with a global perspective on the environment. Students learn how the scientific method is applied to develop the tools of environmental science; including statistics and models enabling informed decisions. Students study the dynamic earth: the geosphere, the atmosphere, the hydrosphere and the biosphere. Students learn how ecosystems and evolution interconnect all living things, and how energy flows and matter cycles through ecosystems. Topics include biomes, aquatic ecosystems, populations, biodiversity; water, air, and land use; atmosphere and climate change; food and agriculture; mineral resources; advantages and disadvantages of nonrenewable (fossil fuels) versus renewable energy resources; the environment and human health; and finally, economics, policy, and the future of the environment. Students will research, debate and present on current environmental issues.

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PHYSICS 1/2 *+

Grades Offered: 9, 10, 11, 12

Length/Credit: 2 semesters

Credits: 1 credit per semester

Prerequisite: Completion of Chemistry (1/2) and completion of Algebra (1/2) and Geometry (1/2), or based on teacher/counselor recommendation.

Physics is a one-year college prep science course that satisfies one of the physical science requirements. This course provides a conceptually based exposure to the fundamental principles and processes of the physical world; including mechanics, properties of matter, heat and thermodynamics, sound and light, electricity and magnetism, and atomic and nuclear physics. Topics in mechanics include Newton's Laws of Motion, momentum and energy, circular motion and rotational mechanics, gravity and gravitational interactions. Topics in sound and light include reflection and refraction, lenses, and diffraction and interference. Topics in electricity and magnetism include electric fields and potential, electric current and circuits, magnetism and electromagnetic induction. An introduction to the atom and quantum mechanics includes the atomic nucleus and radioactivity, nuclear fission and nuclear fusion. Students learn the essential concepts of physics through demonstrations, discussions, and lab work that includes the gathering and analysis of quantitative data.

AP PHYSICS 1 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 11, 12

Prerequisite: Completion of Biology (1/2), Chemistry (1/2) and completion of Algebra (1/2) and Geometry (1/2), or based on teacher recommendation.

AP Physics 1 is taught over a full academic year to allow development of a deeper understanding of content, and to apply developed skills to the solution of problems in class. AP Physics 1 is a full-year course that is equivalent to a first, one-semester introductory algebra-based college physics class. The subject matter follows the College Board AP Central recommendations including principles of Newtonian mechanics, rotational motion, work, energy, and power; mechanical waves and sound; and introduction to simple circuits. The course is based on "Big Ideas" that encompass core scientific principles, theories, and processes that cut across traditional boundaries. This course prepares students for the AP Physics 1 Exam, which is administered annually in May by the College Board. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both.

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SCIENCE FLOW CHART



Life Science/ Physical Science Core

PATHWAY 1: High School Graduation Requirement (3 Years Science/ 6 Credits).

1.



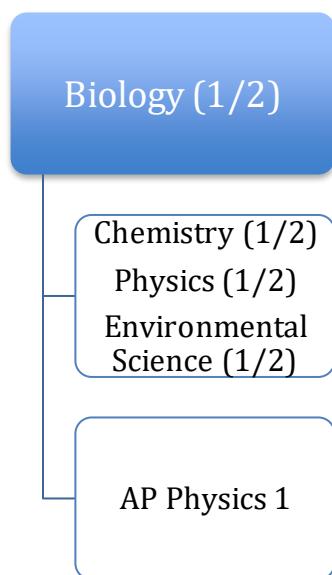
2.



PATHWAY 2: University Requirement (3 Years Science/ 6 Credits)

Four years of college preparatory science is strongly recommended for admission into competitive Universities.

Students can choose to take either Physics or Chemistry out of sequence. Students with a B or greater in Chemistry may move directly into AP Physics. Placement directly in the AP Physics course is based on student grades, teacher recommendation and student skill level. Students that have completed Biology and Chemistry and/or Physics can take the Environmental Science elective.



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FOREIGN LANGUAGES

SPANISH 1/2 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Recommended for all college-bound students.

Preference will be given to sophomores of juniors that have not taken a language.

Spanish 1/2 is taught over a full academic year and is an introduction to language and culture of Spanish speaking countries. Students will learn the foundations of language in the areas of speaking, reading, listening, comprehension, writing, vocabulary and grammar. Students will study the cultural similarities and differences of Spanish speaking countries. Students will acquire the basic language skills allowing them to communicate in Spanish in their daily interactions relevant to home, school, and in the community.

SPANISH 3/4 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Spanish 1/2, or based on teacher/counselor recommendation. Preference will be given to sophomores of juniors that have not taken a language.

Spanish 3/4 is taught over a full academic year and is a continuation of Spanish 1 with a deeper study of language and culture. Students should have a good understanding of Spanish 1/2. This course is intended for students that are interested in speaking with greater fluency, have a better understanding of the spoken language, converse with more fluency on a wider variety of topics, and comprehend more advanced reading material. Students will develop their communication skills in the areas of speaking and listening and increase composition skills in the areas of grammar, vocabulary, and reading comprehension. Students will further study the language and culture of Spanish speaking countries.

SPANISH 5/6 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Spanish 1/2, Spanish 3/4. or based on teacher/counselor recommendation.

Preference will be given to sophomores of juniors that have not taken a language.

Spanish 5/6 is taught over a full academic year and is a continuation of Spanish 3/4. This is a more intense course for those that have mastered Spanish 3/4. Students will learn advanced grammar, enhance their listening and speaking skills and will become proficient in advanced grammar and reading comprehension. Students will be expected to read literacy pieces and be able to write formal papers using high vocabulary words and advanced grammatical writing.

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AP SPANISH LANGUAGE AND CULTURE *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Spanish 1/2, Spanish 3/4, Spanish 5/6, or based on teacher/counselor recommendation.

Preference will be given to sophomores of juniors that have not taken a language.

The AP Spanish Language and Culture course is a rigorous course taught exclusively in Spanish that requires students to improve their proficiency across the three modes of communication. The course focuses on the integration of authentic resources including online print, audio, and audiovisual resources, as well as traditional print resources that include literature, essays, and magazine and newspaper articles with the goal of providing a rich, diverse learning experience. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication toward the pre-advanced level.

CHINESE 1/2 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Recommended for all college-bound students. Preference will be given to sophomores of juniors that have not taken a language.

Chinese 1/2 is taught over a full academic year and is an introduction to language and culture of Mandarin Chinese speaking countries. Students will learn the foundations of language in the areas of speaking, reading, listening, comprehension, writing, vocabulary and grammar. Students will study the cultural similarities and differences of Mandarin Chinese speaking countries. Students will acquire the basic language skills allowing them to communicate in Mandarin in their daily interactions relevant to home, school, and in the community.

CHINESE 3/4 *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Chinese 1/2, or based on teacher/counselor recommendation. Preference will be given to sophomores of juniors that have not taken a language.

Chinese 3/4 is a comprehensive course that builds on the communicative-based competencies and Chinese culture, vocabulary, grammatical structures and language proficiencies acquired in Chinese 1/2. Correlated to the curriculum are the broad Goals of the Standards for Foreign Language Learning in the 21st Century (Communication, Cultures, Connections, Comparison, and Communities) which define the essential skills and knowledge that all students need to acquire. This course is recommended for students anticipating continuing on to the intermediate levels of Chinese and/or college entrance.

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AP CHINESE LANGUAGE AND CULTURE *+

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: Chinese 1/2, Chinese 3/4, Chinese 5/6, or based on teacher/counselor recommendation.

The AP course prepares students to demonstrate their level of Chinese proficiency across the three communicative modes (Interpersonal, Interpretive, and Presentational) and the five goal areas (Communication, Cultures, Connections, Comparisons, and Communities) as outlined in the Standards for Foreign Language Learning in the 21st Century. Its aim is to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills within a cultural frame of reference reflective of the richness of Chinese language and culture.

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VISUAL AND PERFORMING ARTS

ART 1/2 *

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: None- One year recommended for all college-bound students.

Art class provides a way for students to express themselves through drawing, painting, sculpture and other applied methods. Students have the opportunity to use imagination and creativity in a safe classroom setting. They will work with art materials such as acrylics, watercolor, pastel, clay, graphite and color pencil, collage materials, paper and recycled materials. Students will discuss theories, techniques and art history. Students will become familiar with art vocabulary. Art works may be placed on display around the campus. Emphasis is on enjoying the artistic process.

STUDIO ART 1/2 *

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: None- One year recommended for all college-bound students.

This Studio Art course introduces students to a variety of artistic media and techniques. Students will be able to create art works through drawing, painting, sculpture, ceramics, printmaking and digital media. Throughout this course students will complete activities, in-depth projects and will participate in discussions about art.

MUSIC 1/2 * (Online)

Length/Credit: 2 semesters

Credits: 1 credit each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: None- One year recommended for all college-bound students.

In this course, students will learn a comprehensive overview of music and musical concepts. Students will learn about music history and selected master composers. Students will learn the science of sound (acoustics, pitch, compression waves) how to read written music (notes, rests, the grand staff, time and key signatures), the structure of songs (chords, melody, rhythm, harmony, general theory), creation of a song (major vs. minor keys, the bridge), the instruments (woodwinds, brass, percussion, strings). Students will be required to identify selected classical songs by ear with title and composer.

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INTERMEDIATE MUSIC 1/2 * (Online)

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12

Prerequisite: Music 1/2

In this course, students will learn about detailed explanation of music theory, circle of fifths and more complex modes of composition, piano and/or guitar technique instruction, and performance concepts and live sound techniques. Students will be given instruction on music theory that will allow them to begin understanding how to compose music including chord progression and melody techniques. Melody writing will include core notes (CN) and non-core notes (NCN). The 7 modes of musical scale will be used to teach the various “moods” of music. The entire class will participate in the writing and performing of an original song.

MUSIC CREATION AND PRODUCTION 1/2 (Online)

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12

Prerequisite: None

In this class students will be given lecture instruction on the elements of music creation and production. This information will include song structure, chord progressions, melody techniques and instrumentation choices. The students will then be educated on the industry standards for recording and editing music. The verbal instruction will move into hands on classroom work in composing a song and then recording and editing it using ProTools recording software. Each student will have the opportunity to learn the basic functions of the recording software and learn broad editing techniques. This class will include a field trip to a local recording studio and in-school clinics by industry professionals.

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ELECTIVES

COMPUTER LITERACY * (Online)

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

Students will discover and expand on their computer literacy skills. They will learn how to keyboard/type and explore practical applications such as: Word, Excel, PowerPoint, and Google Docs/Sheets. Students will learn specific application programs such as: 2D animation, GIMP for photo enhancement and image creation, 3D architectural design, and web design.

COMPUTER PROGRAMMING: INTRO TO JAVA*+ (Online)

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

Computer Programming is an introduction to programming. Students learn to program drawings, animations and games. Course concepts include: problem solving techniques, program design, control structures, functions, loops, data structures and algorithms.

PHYSICAL EDUCATION

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

Physical education is a vital component for the development of a student's physical, mental and social well-being. It is our mission to provide an equal opportunity to our students, through planned activities, for physical development in the areas of strength, flexibility, coordination, balance, agility, range of motion and power. Our program will allow students the opportunity to develop individual skills and introduce new enjoyable experiences for life long physical fitness and well-being. This course will also discuss and examine the importance of health promotion through daily exercise

SPORTS PE

Balboa School has the right to change course offerings based on test results, individual school staffing, low enrollment in courses and other factors that may affect course offerings.

* = UCA-G Approved
+ = NCAA Approved



Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

In this course, students will learn the basic skills of court and field sports such as Soccer, Basketball, and Volleyball. Each sport will be taught in a period of 3 months. This class will also stress the importance of performance, sportsmanship, and rules and regulations for each sport. Grades will be determined by students' participation during each class.

WRITING COURSE *

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, and 11,12
Prerequisite: None

In this course students will prepare to become effective communicators. As students enter college and the work force, it is important that students have the skills necessary to express their ideas articulately, and to demonstrate their unique talents and writing proficiencies to their future professors, employers, and peers. To accomplish this goal, students will write coherent and focused essays that convey a well-defined perspective and tightly reasoned arguments. Writing assignments will vary in type, length, and complexity to help keep the class fresh and engaging. Students will write expository, descriptive, reflective, persuasive, and narrative essays, as well as screenplays, monologues, and poems. The writing will demonstrate students' awareness of an audience and purpose. Students will develop strategies for narration, exposition, persuasion, analysis, critique, and prose. Student work will demonstrate a command of research, organizational, and drafting strategies of standard American English conventions. They will use gestures, tone, and vocabulary tailored to their audience and purpose.

FILM STUDIES *

Length/Credit: 2 semesters
Credits: 1 credit each semester
Grades Offered: 9, 10, 11, 12
Prerequisite: None

Storytelling is the most common way that we communicate to one another. Stories told with film have a tremendous influence on our attitudes and perceptions of the world around us. In fact, films may be one of the most powerful tools in modern culture for shaping values and conveying information. By viewing, studying, discussing and writing about film, students develop and demonstrate skills in technological, cultural, and media literacy, as well as critical thinking and problem solving - skills that will serve them well in the real world.

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SAT PREP

Length/Credit: 2 semesters

Credits: 0.5 credits each semester

Grades Offered: 9, 10, 11, 12

Prerequisite: None or based on teacher/counselor recommendation.

The SAT Prep course concentrates on SAT reading, vocabulary and writing skills along with math practice. The course includes practice in taking the SAT test, as well as strategies for the question types (sentence completion, vocabulary, critical reading, and writing – finding errors / revision).

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