







#### MIDDLE SCHOOL

Core Classes Electives ELD

#### **HIGH SCHOOL**

Core Classes Electives Advanced Placement

MIDDLE & HIGH SCHOOL COURSE CATALOG 1

\*MS †GRADUATE REQUIREMENT

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#### Mrs F. Martinez // Principal

Dear SLAS Student and Parent,

You are living and learning in one of the most exciting eras of our time. You will experience things throughout your lives that previous generations could only dream of. As you proceed in your journey of learning, it is essential that you develop the knowledge and skills that will help you to excel in life. Strive to become proficient communicators, creative thinkers, confident individuals and compassionate citizens of this ever expanding world we live in.

Stay curious, work hard and keep a positive attitude and opportunities and doors will open allowing you to choose your path to a rewarding and successful future.

## Neil Armstrong

That's one small step for man, one giant leap for mankind.

"

### English Language

# Read Between The Lines





#### ENGLISH 6\*

#### 1 YEAR, 1 CREDIT

In this course students will improve reading, writing, listening, and speaking skills, while beginning to attain an advanced vocabulary in English. Students will develop an appreciation for the basic genres of literature: short story, novel, drama, and poetry. Instruction will be provided in basic grammar, sentence and paragraph structure, and elements of composition and essay writing including a focus on theme and the development of a central idea.

#### **ENGLISH 7\***

#### 1 YEAR, 1 CREDIT

In this course students will begin to gain an analytical understanding of literature, while improving their writing abilities and expanding vocabulary. Students will explore the four major literary genres: short story, novel, drama, and poetry. Reading and responding to works of fiction and non-fiction will emphasize the development and expression of individual ideas. Instruction will be provided in basic grammar, sentence and paragraph structure, and elements of composition and essay writing including a focus on theme, the development of a central idea, exposition, and argumentation.



MIDDLE & HIGH SCHOOL COURSE CATALOG 4

### English Language

#### **ENGLISH 8\***

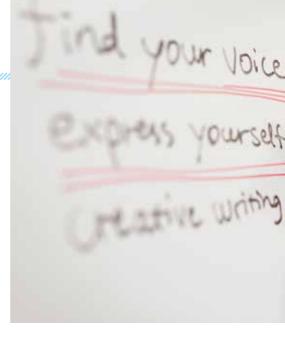
#### 1 YEAR, 1 CREDIT

In this course students will students will gain an analytical understanding of literature, while improving their writing abilities and expanding vocabulary. Students will explore the four major literary genres: short story, novel, drama, and poetry. Reading and responding to works of fiction and non-fiction will emphasize the development and expression of ideas that are connected to logical, concise thinking. Students will be introduced to research and varied writing techniques. The writing process will be further developed through the practice of writing formal and informal essays focusing on narrative and descriptive forms.

#### ENGLISH 9: LITERATURE AND COMPOSITION\*

#### 1 YEAR, 1 CREDIT

In this course students will explore the four major literary genres: short story, novel, drama, and poetry with a strong focus on different cultures, time periods, and styles. The close reading of literature will guide developing readers toward greater understanding and appreciation of different types of writing. When analyzing literary works, students will discuss symbolism, theme, character development. plot, narrative point of view, setting, foreshadowing, and tone. Topics covered include the study of the writing process, critical reading, research skills, and advanced vocabulary study. The writing process will include practicing descriptive, narrative, and explanatory styles with emphasis placed on the practice of expository writing techniques and the frequent writing of integrated paragraphs and essays, with the ultimate goal of writing an essay using and citing APA sources.



## ENGLISH 10: LITERATURE AND COMPOSITION\*

#### 1 YEAR, 1 CREDIT

In this course students will acquire an analytical understanding of literature, while improving their writing ability and expanding their vocabulary. Students will explore the four major literary genres (short story, novel, drama, and poetry) and non-fiction. They will respond to these works of fiction and non-fiction in a variety of ways. The close reading of the literature will guide in experienced readers toward a greater understanding and appreciation of world literature and provide more experienced readers with new perspectives through the analysis of the techniques and purposes of specific writers. Students will practice descriptive, narrative, persuasive, and expository forms of composition. In analyzing literary works, students will discuss symbolism, theme, character development, plot, narrative point of view, setting, foreshadowing, and tone.



#### ENGLISH 11: LITERATURE AND COMPOSITION<sup>†</sup>

#### 1 YEAR, 1 CREDIT

In this course students will gain an analytical understanding of literature, while improving their writing ability and expanding their vocabulary. Students will explore the four major literary genres: short story, novel, drama, and poetry. While reading and responding to works of fiction and non-fiction, the development and expression of individual ideas will be emphasized. This course continues to develop students' writing with increased emphasis on critical essays, argumentation, and research, developing these competencies through the examination of a range of texts about the human experience. In analyzing literary works, students will discuss symbolism, theme, character development, plot, narrative point of view, setting, tone, metaphor, foreshadowing, personification, and alliteration. All formal writing will conform to the standards of APA format. In addition, students will be expected to communicate ideas orally through a variety of discussion techniques and present papers using technology in creative and innovative ways.

#### ENGLISH 12: LITERATURE AND COMPOSITION<sup>†</sup>

#### 1 YEAR, 1 CREDIT

In this course students will focus on developing college level vocabulary, reading, and writing skills appropriate for achieving success on the SAT exam. Students will survey a wide variety of literature and be expected to write analytical and persuasive essays as a response to these works. In analyzing literary works, students will discuss symbolism, theme, character development, plot, narrative point of view, setting, tone, foreshadowing, metaphor, personification, alliteration, irony, and epiphany. All formal writing will conform to the standards of APA format. Speaking and communication skills will be emphasized through various forms of discussions and presentations in preparation for a successful first year of university education. In addition, students will be expected to communicate ideas orally through a variety of discussion techniques and present papers using technology in creative and innovative ways. During the second semester of English 12, students will prepare senior exit projects.

# CollegeBoard

#### AP LANGUAGE AND COMPOSITION

#### LYEAR, 1 CREDIT

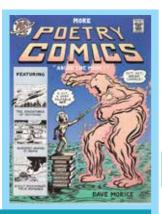
The AP English Language and Composition course aligns to introductory college-level rhetoric and writing curriculum, which requires students to develop evidencebased analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images, from many disciplines and historical periods. (Prerequisite: Departmental approval)

## AP ENGLISH LITERATURE AND COMPOSITION

#### 1 YEAR, 1 CREDIT

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. (Prerequisite: Departmental approval)

## English Electives



#### **CREATIVE WRITING**

1 YEAR, 1 CREDIT The creative writing course of study emphasizes the development of skills in the making and study of prose. drama, and poetry in an intensive workshop atmosphere. This course will focus on a wide variety of poetry and prose, fiction writing, and journaling. Students will be encouraged to interpret, critique, and analyze each other's work, as well as work from outside authors. Various projects and recitations will be required to help refine students' appreciation and understanding, as well as allow them to take pride in their work.



#### JOURNALISM

1 YEAR, 1 CREDIT This creative English writing class will follow many of the basic guidelines set by ASNE (American Society of Newspaper Editors). The class is designed to help students develop a range of journalistic skills including writing leads. developing stories, editing, and developing interview skills. Additionally, group exercises are used to create an awareness of the traditional media in the topics of bias, societal influence. and world events. Our efforts will be focused on growing a diverse generation of modern, fledgling journalists who use Internet technologies for blogging and online file storage for photographs and video. To this end, students will have the chance to write, edit, and assist in the production of the online school newspaper: "Life at School.

#### **TECHNICAL WRITING**

(COUNTS FOR ENGLISH 12) 1 YEAR, 1 CREDIT Technical Writing is designed for students who wish to apply writing skills to technology and industry fields. Students will write assignments emphasizing techniques of précis/ abstract, extended definition, comparison/contrast, problem solving, cause/effect, and persuasion as applied to the work place. Assignments and activities will include the use of computers, internet research, field research, group research projects, and group presentations.

## English Language Development

# **ENGLISH LEARNING FROM ROOT TO CORE**



#### **ELD ENGLISH 6**

1 YEAR, 1 CREDIT Designed for those requiring additonal support in English language development. In this course students will improve reading, writing, listening, and speaking skills, while beginning to attain an advanced vocabulary in English. Students will develop an appreciation for the basic genres of literature: short story, novel. drama, and poetry. Instruction will be provided in basic grammar. sentence and paragraph structure, and elements of composition and essay writing including a focus on theme and the development of a central idea.

#### **ELD ENGLISH 7**

1 YEAR 1 CREDIT In this course students will begin to gain an analytical understanding of literature, while improving their writing abilities and expanding vocabulary at a less accelrated pace. Students will explore the four major literary genres: short story, novel, drama, and poetry. Reading and responding to works of fiction and non-fiction will emphasize the development and expression of individual ideas. Instruction will be provided in basic grammar, sentence and paragraph structure, and elements of composition and essay writing including a focus on theme, the development of a central idea, exposition, and argumentation.

#### **ELD ENGLISH 8**

1 YEAR, 1 CREDIT

In this specially designed course students will gain an analytical understanding of literature, while improving their writing abilities and expanding vocabulary. Students will explore the four major literary genres: short story, novel, drama, and poetry. Reading and responding to works of fiction and non-fiction will emphasize the development and expression of ideas that are connected to logical, concise thinking. Students will be introduced to research and varied writing techniques. The writing process will be further developed through the practice of writing formal and informal essays focusing on narrative and descriptive forms.



#### DEVELOPMENTAL WRITING

#### 1 YEAR, 1 CREDIT

Students will study and practice advanced English grammar, reading, writing, speaking, and listening skills through content-based materials in order to advance to higher-level courses at the secondary level. Emphasis will be placed on teaching and reinforcing academic writing skills. Instruction will be provided in basic grammar, sentence and paragraph structure, elements of composition, and essay writing. The purpose of this course is to introduce non-native speakers to higher-level techniques of literary analysis and to expose students to classic literature. Students will begin to gain an analytical understanding of literature, while improving their writing abilities and expanding vocabulary.

A variety of literary fiction and non-fiction texts are used to develop students' understanding of plot, setting, characterization, theme, and the differentiation of genres. Students compose short narrative, argumentative, and informational texts. Short research projects in which students continue to broaden their knowledge of research (Prerequisites: None) and inquiry strategies and oral and visual communication skills are also conducted.



#### LANGUAGE DEVELOPMENT

2 TERMS, 1 CREDIT, GRADE LEVEL 6-12 Language Development 1 is designed to build the oral English skills of non-native speakers of English in order to prepare for academic work in English. This course includes practice in group interaction. public speaking, and listening comprehension.

#### ELD HS ENGLISH

#### 1 YEAR 1 CREDIT

In this specially designed course students will gain an analytical understanding of literature, while improving their writing abilities and expanding vocabulary. Students will explore the four major literary genres: short story, novel, drama, and poetry. Reading and responding to works of fiction and non-fiction will emphasize the development and expression of ideas that are connected to logical, concise thinking. Students will be introduced to research and varied writing techniques. The writing process will be further developed through the practice of writing formal and informal essays focusing on narrative and descriptive forms.





\*MS †GRADUATE REQUIREMENT



#### WORLD HISTORY AND ANCIENT CIVILIZATIONS 6\*

1 YEAR, 1 CREDIT A thematic study of selected civilizations in the ancient world, this course is designed to help students gain a better understanding of ancient civilizations and how they have established important political, social, economic, and cultural foundations for our world today. Special attention will be paid toward developing the analytical and writing skills necessary for the study of history within the HS Program such as grouping human and natural events into broadly defined eras, comparing and contrasting information, analyzing causes and recognizing effects, and presenting

the results of focused inquiries using demonstrations, drawings, oral and written descriptions.

#### WORLD HISTORY AND MEDIEVAL STUDIES 7\*

1 YEAR, 1 CREDIT

This course will survey Medieval and Early Modern Times by incorporating lecture, film, writing, activities, and primary source analysis, with the goal of explaining how social, political, and economic changes occurred around the world during these dynamic centuries.

#### **UNITED STATES HISTORY 8\***

1 YEAR, 1 CREDIT This course will enable students to develop an understanding of the

## The more you know about the past, the better you are prepared for the future.

-Theodore Roosevelt



main themes of U.S. history from the colonial period to the 20th century, in order to develop an appreciation of the diverse people who have created the history of the U.S. and to help understand how the history of the U.S. has shaped the role America occupies in today's world.

#### ELD MS HISTORY (WORLD HISTORY AND ANCIENT CIVILIZATION 6, WORLD HISTORY AND MEDIVAL STUDIES 7, UNITED STATES HISTORY 8)

1 YEAR, 1 CREDIT

The purpose of these courses is to give ELD students the basic knowledge and vocabulary they will need to transition into grade level History courses. As in all our content area ELD courses, a dual emphasis is placed on content and English language skills.

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#### WORLD GEOGRAPHY 9

1 YEAR, 1 CREDIT This course examines environmental factors such as climate, topography, and natural resources throughout the world. It also explores population distribution and growth and their effect on the world's population. The study of varied customs and cultural characteristics of world societies, as well as productivity and consumption of natural resources on a global scale, are also main aspects of this class.

#### MODERN WORLD HISTORY 10

1 YEAR, 1 CREDIT In this course students will be introduced to the following topics in European and world history: Renaissance Europe, Reformation Europe, the Westphalian Peace and the Modern State system, Exploration and the Commercial Revolution, the Age of Absolutism, the Scientific Revolution, the Enlightenment, the French Revolution and Napoleon, the Congress of Vienna and the Rise of Nationalism, the Industrial Revolution and Imperialism, the Road to World War One, the Effects of the Great War and the Treaty of Versailles, Democracy and Totalitarianism, World War Two, and the Cold War.

#### ELD HS HISTORY (WORLD GEOGRAPHY 9, MODERNWORLD HISTORY 10, UNITEDSTATES HISTORY 11)

1 YEAR, 1 CREDIT

These courses are designed to give ELD students the basic knowledge and vocabulary they will need to transition into grade level History courses. As in all our content area ELD courses, a dual emphasis is placed on content and English language skills.

#### UNITED STATES HISTORY<sup>†</sup>

1 YEAR, 1 CREDIT This course is intended to enable students to develop an understanding of the main themes of U.S. history from the early 20th century to the present, to develop an appreciation of the diverse people who have created the history of the U.S., and to help understand how the history of the U.S. has led to the role which the American nation plays in world affairs today.

#### UNITED STATES GOVERNMENT AND ECONOMICS<sup>†</sup>

1 SEMESTER GOVERNMENT 0.5 CREDITS 1 SEMESTER ECONOMICS, 0.5 CREDITS In this course students will explore the U.S. Constitution's origins, structure, and the rights guaranteed to every American citizen. Students will study the doctrine of "separation of powers" and the "equal protection" clause of the 14th Amendment along with contemporary issues that face the U.S. government. Students will also explore the evolution of the U.S. capitalist economy with special attention paid to the industrial revolution, the history of corporations. anti-trust laws, and today's information revolution.

#### **PSYCHOLOGY (ELECTIVE)**

1 YEAR, 1 CREDIT

This class will be an introduction to the natural science of behavior and to the scientific principles and content areas of psychology. This course will include a focus on the philosophy, history and methodology of science, using selected problems from psychology as examples for application and demonstration, with added laboratory experience.



#### CITIZENSHIP (CREATIVE THINKING AND SUSTAINABILITY) (ELECTIVE)

1 YEAR, 1 CREDIT

PLACE MARKERThis elective is a comparative, worldwide survey of traditional and non-traditional, selected and well-known world cultures using various represenell as representative bands, tribes, chiefdoms, primitive states, and folk society.









## ADVANCED PLACEMENT

## **OcollegeBoard**

#### **AP WORLD HISTORY**

#### 1 YEAR, 1 CREDIT

The purpose of the Advanced Placement World History course is to develop greater understanding of the evolution of global processes and contacts, interacting with different types of human societies. There are six course themes to be covered:

- The impact of interaction among major societies and regions.
- The relationship of change and continuity across the world history periods.
- The effects of technology, economics, and demography on people and the environment.
- Systems of social structure and gender structure.
- Cultural, intellectual and religious developments and interactions among and within societies.
- Changes in functions and structures of states and attitudes toward states and political identities, including the emergence of the nation-state. (Prerequisite: Departmental approval)

#### **AP US HISTORY**

#### 1 YEAR, 1 CREDIT

Advanced Placement U.S. History is designed to develop the analytical skills and factual knowledge necessary to deal critically with the problems and materials concerning the history of the United States. The class will prepare students for intermediate college courses by demanding skills equivalent to those acquired in a full-year introductory college program. Students will learn to assess historical material according to relevance, reliability, and importance by weighing the evidence presented in historical scholarship. This course will develop the skills necessary to arrive at conclusions based on informed judgment and the ability to present evidence clearly and persuasively in essay format. (Prerequisite: Departmental approval)

#### **AP HUMAN GEOGRAPHY**

#### 1 YEAR, 1 CREDIT

Advanced Placement Human Geography will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will study diverse peoples and areas organized around concepts that include location and place, scale, pattern, spatial organization, and regionalization. They will also learn about the methods and tools geographers use in their science and practice. (Prerequisite: Departmental approval)

#### **AP PSYCHOLOGY**

#### 1 YEAR, 1 CREDIT

Advanced Placement Psychology will provide an overview of current psychological theory and practice. Students will explore the systematic and scientific study of the behavior and mental processes of humans and other animals. Students will be exposed to the principles, concepts and phenomena associated with major subfields within psychology, including biological bases of behavior, cognitive and emotional processes, and diagnosis and treatment of psychological disorders. In accordance with the driving principles of current psychological practice, this course will emphasize scientific method and procedure, ethical standards in research, and critical thinking skills. Student academic performance is expected to meet or exceed the rigorous requirements of an introductory-level college survey course. (Prerequisite: Departmental approval)

#### AP GOVERNMENT AND POLITICS

#### 1 YEAR, 1 CREDIT

Advanced Placement Government is designed to present students with an analytical perspective of government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. This course will include the various institutions, groups, beliefs and ideas that constitute U.S. political reality. (Prerequisite: Departmental approval)

# √-1 MATHEMATICS

#### MS MATH 1\*

1 YEAR, 1 CREDIT This course is an introduction to secondary-level mathematics. It focuses on rational numbers, arithmetic operations, algebraic representations, equations and functions, geometry, square roots, and probability. Students will build their understanding of these concepts using models like number lines. Students will also apply their skills to problem solving situations using estimation to check reasonableness.

#### MS MATH 2\*

1 YEAR, 1 CREDIT This course is an continuation of MS Math 1. It focuses on further study of rational numbers, arithmetic operations, algebraic representations, equations and functions, geometry, square roots, and probability. Students will build their understanding of these concepts using models like number lines. Students will also apply their skills to problem solving situations using estimation to check reasonableness.

#### LIFE SKILLS MATH

1 YEAR, 1 CREDIT This class provides learners with math skills related to daily living. Topics include identifying numbers as they relate to daily living, basic computations, understanding money value concepts, budgeting, identifying units of liquid and dry measure, height and weight measurement, time management, temperature, graphic representation, and elapsed time related to schedules and calendars.

#### **PRE-ALGEBRA\***

1 YEAR, 1 CREDIT This course will give students a strong foundation in algebra while also preparing them for future study in geometry and data analysis. Students will become adept at manipulating numbers and equations and

## ADVANCED PLACEMENT



#### AP CALCULUS (SECTION: AB)

#### l year, 1 credit

Advanced Placement Calculus AB will develop students' understanding of the concepts of calculus and provide experience with its methods and applications. This course will emphasize a multi representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. (Prerequisite: Departmental approval)

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understanding the general principles of algebraic study.

#### ALGEBRA 1\*†

#### 1 YEAR, 1 CREDIT

In this course students will develop an understanding of the symbolic language of mathematics and the sciences. In addition, algebraic skills and concepts are developed and will be used in a wide variety of problem-solving situations.

#### **GEOMETRY**\*†

1 YEAR, 1 CREDIT This course will provide students with a foundation in inductive reasoning and proof. Students will learn the basic tools of geometry as well as how to use them in calculating, measuring, and constructing. This course will include transformations, concurrency, and the similarity of triangles and quadrilaterals as well as calculating areas, surface areas, and the volumes of plane figures and polyhedrons. (Prerequisite: Algebra 1)

#### ALGEBRA 2

1 YEAR, 1 CREDIT

This course will begin with an overview of basic algebraic tools, students then develop a variety of techniques for solving systems of linear and quadratic equations and graphing different types of



functions such as: quadratics, polynomials, radicals, exponentials, logarithms, and rationales. Students will learn to use graphing calculators. (Prerequisite: Geometry)

#### PRE-CALCULUS

1 YEAR, 1 CREDIT This course is designed to cover topics in Algebra ranging from polynomial, rational, and exponential functions to conic sections. Trigonometry concepts such as Law of Sines and Cosines will be introduced. Students will then begin analytic geometry and calculus concepts such as limits, derivatives, and integrals.

#### AP CALCULUS (SECTION: BC)

#### 1 YEAR, 1 CREDIT

Explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calculus AB (functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. (Prerequisite: Departmental approval)

#### **AP STATISTICS**

#### l year, 1 credit

An introduction to experimental and survey design intended to help students interpret, collect, present and evaluate data. No math prerequisites are required for the course, though students are expected to read and write advanced academic material when developing or evaluating surveys and experiments. (Prerequisite: Departmental approval)

\*MS †GRADUATE REQUIREMENT

#### MIDDLE & HIGH SCHOOL COURSE CATALOG 16

#### <sup>8</sup> O 15,999 <sup>12</sup> <sup>12</sup> Mg SCIENCE



#### CHEMISTRY

1 YEAR, 1 CREDIT Chemistry is a science concerned with the composition, structure, and properties of matter. Students will apply the scientific method: observation. data collection, analysis, hypothesis and conclusion. They will be encouraged to look at chemistry from both a personal and worldly perspective, and analyze the social implications of the topics covered. In this class students will learn how to solve problems in chemistry and apply them to realworld applications.

#### PHYSICS

1 YEAR, 1 CREDIT

Physics is the study of matter and energy and how they interact. All technology started off as physics research and all engineering disciplines rely on it heavily. In this class, students will learn how to evaluate and solve problems in physics and apply them to everyday phenomena. In doing so, students will learn the basis of how our world functions.

#### **BIOLOGY**<sup>†</sup>

1 YEAR, 1 CREDIT In this course students will develop vocabulary specific to the biological sciences, learn major themes and concepts in biology, learn how to read scientific texts and articles, and be introduced to scientific writing and basic lab techniques. Topics include cell theory, genetics, evolution, human biology, ecology, and bacteriology. A major emphasis will be placed on vocabulary development, writing, oral presentation skills, and basic laboratory skills.

#### **AP CHEMISTRY**

#### 1 YEAR, 1 CREDIT

Advanced Placement Chemistry is designed to be the equivalent of the first year college course in Chemistry. Students will attain a depth of understanding in the fundamentals and competence in dealing with chemical problems. This course will contribute to a student's ability to think clearly and express their ideas both orally and in writing with clarity and logic. The topics will emphasize chemical calculations and mathematical formulation of principles. The ponline laboratory experience will be equivalent to that of a typical college course. (Prerequisite: Departmental approval)

#### **AP BIOLOGY**

#### 1 YEAR, 1 CREDIT

Advanced Placement Biology is designed to be the equivalent of a first year introduction college biology course. Advanced Placement Biology is designed for students who have successfully completed foundation courses in biology and chemistry. This course will provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Primary emphasis of the course is on developing an understanding of concepts rather than on memorizing terms and technical details. As part of the course work, students will participate in a variety of hands-on and virtual labs that meet the laboratory objectives for Advanced Placement Biology as required by the College Board. (Prerequisite: Departmental approval)

#### **AP ENVIRONMENTAL SCIENCE**

#### YEAR, 1 CREDIT

Advanced Placement Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing hem. (Prerequisite: Departmental approval)

#### **AP PHYSICS 1**

#### 1 YEAR, 1 CREDIT

Learn about the foundational principles of physics as you explore Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory, simple circuits. You'll do hands-on laboratory work to investigate phenomena. (Prerequisite: Departmental approval)

#### **AP PHYSICS 2**

#### 1 YEAR, 1 CREDIT

Expand your understanding of physics as you explore topics such as fluids; thermodynamics; electric force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. You'll do hands-on and inquiry-based in-class activities and laboratory work to investigate phenomena. (Prerequisite: Departmental approval)

## AP PHYSICS C: ELECTRICITY AND MAGNETISM

#### 1 YEAR, 1 CREDIT

Explore concepts such as electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields, and electromagnetism. You'll do hands-on laboratory work and inclass activities to investigate phenomena and use calculus to solve problems. (Prerequisite: Departmental approval)

#### **AP PHYSICS C: MECHANICS**

#### 1 YEAR, 1 CREDIT

Explore concepts such as kinematics; Newton's laws of motion, work, energy, and power; systems of particles and linear momentum; rotation; oscillations; and gravitation. You'll do hands-on laboratory work and in-class activities to investigate phenomena and use calculus to solve problems.

#This class is taken with AP Physics C: Electricity and Magnetism

(Prerequisite: Departmental approval)



#### **EARTH SCIENCE 6\***

YEAR, 1 CREDIT

In this course students will study Earth Science in four parts: Earth's interior, its rocks and soil, its atmosphere, its oceans, and the physical processes that shape the physical world. An emphasis will be placed on the practical evaluation of the world's energy and environmental problems. At the end of the school year students will have a better understanding of our planet.



#### LIFE SCIENCE 7\*

YEAR. 1 CREDIT

This course is an introduction to the study of biology. Students will learn what life is and what conditions are necessary for life to exist and some of the ideas and discoveries throughout history and the tools and methods used to make those discoveries. They will learn how living things interact with each other and their environment.



**PHYSICAL SCIENCE 8\*** 

1 YEAR, 1 CREDIT This course will outline the basic components of chemistry, astronomy, and physics. These topics include the study of atoms, molecules, compounds, chemical reactions, planets, the universe, energy, motion, and forces. In addition to traditional instruction, laboratory experiences are a major component of the course.



#### **CREATIVE LAB**

1 YEAR, 1 CREDIT

The purpose of this course is to develop understanding of the core ideas in the physical, life and earth and space sciences. This course emphasizes discussions, activities, and laboratory exercises, which promote the understanding of the behavior of matter, climate, solar system and life's diversity. Skills are developed in the classroom, and reinforced through homework reading, and interesting labs that relate to everyday life.



#### **ELD MIDDLE SCHOOL SCIENCE**

#### (EARTH SCIENCE 6, LIFE SCIENCE 7, PHYSICAL SCIENCE 8) 1 YEAR, 1 CREDIT

These courses introduce the students to the same concepts found in the on-level science courses, but at a less accelerated pace. An ephasis is placed on vocabulary and language skills related the corresponding field.

## FOR FURTHER INFORMATION CONTACT

Phone: +86 (21) 5218-8575 | E-Mail: info@laschina.org

#### HORTICULTURE (MS & HS SECTIONS)

#### 1 YEAR, 1 CREDIT

This class is designed for students interested in green environments. Through classroom learning, students will propagate, plant, and take care of plants for gardens, decks and other spaces. Explore greenhouse growing, landscape design, vegetable/herb production and plant identification. Learn about the environment and take an active part in contributing to improve it. Gain leadership and career skills through hands-on individual and group projects.



#### **ELD BIOLOGY**

#### 1 YEAR, 1 CREDIT

In this course students will develop vocabulary specific to the biological sciences, learn major themes and concepts in biology, learn how to read scientific texts and articles, and be introduced to scientific writing and basic lab techniques. Topics include cell theory, genetics, evolution, human biology, ecology, and bacteriology. A major emphasis will be placed on vocabulary development, writing, oral presentation skills, and basic laboratory skills.



#### **ELD CHEMISTRY**

#### 1 YEAR, 1 CREDIT

This course provides students with a general understanding of chemical principles and skills. The study of chemistry includes laboratory investigation, problem solving activities, textbook study, lecture, and class discussion. The structure and properties of matter, organic and inorganic chemistry, energy, consumer science, technology, history and societal issues make up the content of this class.



#### **ENVIRONMENTAL SCIENCE**

1 YEAR, 1 CREDIT

Environmental Science is designed to show thematic connections between a variety of science disciplines including biology, chemistry, and physics. It gives students a coherent and realistic picture of the applications of a variety of scientific concepts as they manifest in our environment.



## FOR FURTHER INFORMATION CONTACT

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MIDDLE & HIGH SCHOOL COURSE CATALOG 20

## Fine Arts

# Get Your Creative Juices Flowing



#### ART (MS & HS SECTIONS)\*†

#### 1 YEAR, 1 CREDIT

This course is a practical/action course in which students will learn basic 2D and 3D techniques using as reference artists' works and/or art movements. At the same time they will learn to plan and conceive an original artistic project. The main objective of the course is for the students to become "multi-skillful" and to be able to represent their ideas while at the same time their understanding of art culture.

#### **ASIAN ART**

#### 1 YEAR, 1 CREDIT

This course introduces students to foundational legends, epics, novels, and poetry from across Asia. Studying core texts from the Arab World, India, China, Korea, and Japan will provide windows into the ancient cultures that produced these works. We will also examine these tales' enduring power today. We will analyze the many changes these tales underwent as they spread across Asia and appeared in diverse media including theater, visual arts, and television.

#### 3D ART

#### 1 YEAR, 1 CREDIT

This course is a lively, inviting, comprehensive course written for school level artists. This course includes interactive activities and multicultural studio projects representing a wide variety of cultures, artistic styles and art media. This course is designed to enrich the lives of its participants through discovery and creative problem solving while working on their 3D art pieces. It provides students with a broader perception of their environment and cultural perspectives.

#### PHOTOGRAPHY

#### 1 YEAR, 1 CREDIT

The objective of the course is to improve the general quality of student photos, taking into account technical and artistic issues. First of all, the students will explore the potentials of their cameras. In a combination of theory and practice they will learn all the steps in the photographic process: brainstorming a project, selecting the exposure, lighting the studio, and developing the photographic paper in the darkroom. They will gain knowledge of the masters of photography and contemporary photographers, while studying different photo categories like photojournalism, fashion photography, landscape, close-up photography, and artist's projects and their meanings.

#### ART HISTORY (HS ELECTIVE)

#### 1 YEAR, 1 CREDIT

This course will cover Western art history from Classical Greece up to contemporary art movements. It is a theoretical course in which the students will improve their grasp of the cultural context of art's history while at the same time helping them to sociologically and psychologically contextualize their growing knowledge of the domain. The objective is that students will understand art movements in their context while connecting ideas.

#### DRAMA (ELECTIVE, ENGLISH OR PERFORMING ARTS) (MS & HS SECTIONS)

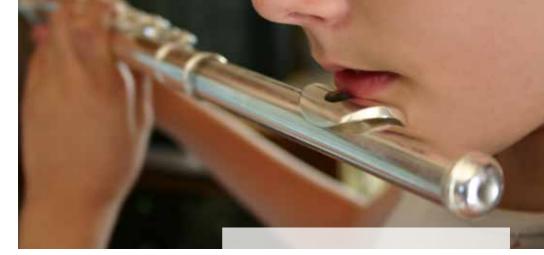
#### 1 YEAR, 1 CREDIT

This course will help students improve their speaking and presentation skills. It is quite unique because all activities, discussions, projects, and scripts are created to help students prepare a final product for a real audience. Drama students will participate in a final production for Shanghai Livingston American School's students and parents—this will constitute the final examination.

#### CHOIR (MS & HS SECTIONS)

#### 1 YEAR, 1 CREDIT

Choir students will learn to sing a variety of songs and learn appropriate warm up and vocal development techniques. Class performances will be given during school music concerts and may include collaboration with other music students. Students will be assessed by their class participation and preparation of pieces being studied. The course will include studying the lives of prominent vocal artists.





#### MS MUSIC GR 6, 7, 8\*

1 YEAR, 1 CREDIT

This class is for the student who wishes to learn more about music in a classroom setting rather than, or in addition to, a performance group. Students are involved in listening, analyzing, composing and improvising music, as well as playing instruments and singing. A letter grade is earned through this exploratory hands-on approach to learning about music.







"Music gives a soul to the universe, wings to the mind, flight to the imagination, and life to everything."

-Plato



#### SYMPHONY ORCHESTRA(HS ELECTIVE)

1 YEAR, 1 CREDIT

Symphony Orchestra is offered to entering 9th grade Orchestra students and 10th-12th grade students as a continuation for students with previous orchestral experience. Educational emphasis is placed on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music, and orchestral literature. Literature will contain both Classical and Popular music. Students will perform both in small group ensemble projects and as a large group.

## INSTRUMENTAL (BAND & STRINGS) (HS ELECTIVE)

#### 1 YEAR, 1 CREDIT

This course is an introductory survey of music including the study of elements and forms of music, selected musical works, music terminology, important musical genres, periods, and composers, as well as an introduction to major musical instruments, especially band and strings. In this course students will study their instruments with guidance, how to collaborate in ensembles, and learn about music history and internationally acclaimed musical artists. Students may utilize our practice room facilities during an assigned class schedule, including use of amplified instruments within reasonable volume limits at assigned room. All students will be assessed by the quality of the preparation of their individual assignments and by their public performances. Students will be





invited to attend concerts inside and outside of school.

#### PERFORMANCE LAB (HS ELECTIVE)

1 YEAR, 1 CREDIT

Performance lab is an atmosphere for students to take the knowledge they have already garnered from theory, history, general music, etc. and to apply them to a group setting. Students may also choose to perform solo on their instrument of choice. This class will prepare each student for effective performance in a variety of styles and settings.

#### MUSIC THEORY (MS & HS ELECTIVE)

1 YEAR, 1 CREDIT Understanding Music is designed to encompass an in-depth study of the fundamental elements of music: pitch, rhythm, melody, harmony and form; and to explore the theoretical constructs of the 17th, 18th, 19th, and 20th centuries. Through improvisation, composition, analysis, critical listening and performance, the elements of music will be examined for their distinctive roles in musical organization. The course will also provide an overview of the historical, cultural and artistic setting of the works utilized for illustrative purposes.

## MUSIC COMPOSITION (HS ELECTIVE)

1 YEAR, 1 CREDIT Music composition is a class that surpasses the typical level of music theory, and explores more in depth the concepts of writing one's own music. Students will take on the task of composing their own musical works, catered to his/her individual tastes. This course will explore song-writing. movie scoring, music and sound engineering through the use of hand-written notation as well as industry standard software (all adjusted to each student's learning ability and musical level).

# Foreign Languages

#### HOME LANGUAGE MS CHINESE

#### 1 YEAR, 1 CREDIT

Home Language Chinese is designed to serve native language Mandarin speakers. Both spoken and written Mandarin are emphasized. The goal is to provide students with ongoing and varied opportunities to further develop their proficiency (in terms of communication, cultures, connections, comparisons, and communities) within the Chinese language.

#### MS CHINESE 1

#### 1 YEAR, 1 CREDIT

The purpose of this course is to familiarize students with the language and culture of China. They will gain the experience of listening to and saying words in a tonal language that is radically different from English. They will also practice reading and writing Chinese characters and Pinyin, the phonetic system for Mandarin. In addition, students will explore various cultural topics giving them opportunities to create content projects of their choosing. Practice is a very important part of learning a foreign language, so students can expect homework. However, despite a fair amount of content, MS Chinese will not be as intense as that of a high school course.

#### **MS CHINESE 2**

#### 1 YEAR, 1 CREDIT

This course will focus on oral proficiency in the Chinese language while also developing the students' understanding of the richness of Chinese culture. Major topics include developing communicative skills in the following situations: discussing art and museums, comparing people and things, traveling by airplane or by train, eating in a restaurant, describing daily routines, congratulating someone, discussing sports and leisure activities, going to the bank, and staying in a hotel. Grammar topics from MS Chinese 1 will be reviewed and new topics introduced.



# ))

## Our greatest glory is not in never falling, but in rising every time we fall.

#### -Confucian Quote

#### MS CHINESE 3 & 4

1 YEAR, 1 CREDIT

This course is designed to develop oral, written, and reading skills in Chinese through the study of a variety of texts, films, and projects, with emphasis placed on increasing cultural understanding of Chinese culture. At the end of the course students will be able to express ideas and opinions both orally and in writing, and shall be able to read, understand, and interpret written language for a variety of purposes.

#### HOME LANGUAGE HS CHINESE

#### 1 YEAR, 1 CREDIT

High school Home Language Chinese emphasizes spoken and written Mandarin. Both contemporary and historical Chinese culture is explored so that





#### **HS CHINESE 2**

1 YEAR, 1 CREDIT



students' knowledge of the Chinese culture will be deepened and as a result their world view will be broadened too.

#### **HS CHINESE 1**

1 YEAR, 1 CREDIT

This course will develop basic communicative proficiency in Chinese language and provide an introduction to the study of Chinese culture. Major topics include developing communicative skills in the following situations: greetings, daily activities, ordering in restaurants, daily classroom conversation, discussing family relationships, professions and nationalities, shopping, domestic life, and health. Basic grammar topics will be introduced. This course will develop communicative proficiency in Chinese language and enrich the students' understanding of Chinese culture. Major topics include developing communicative skills in the following situations: discussing art and museums, comparing people and things, traveling by airplane or by train, eating in a restaurant, describing daily routines, congratulating someone, discussing sports and leisure activities, going to the bank, and staying in a hotel. Grammar topics from Chinese 1 will be reviewed and new topics introduced.

#### HS CHINESE 3 - 5

#### 1 YEAR, 1 CREDIT

In this course students will continue to develop their skills in text handling (both written and spoken), written production (aiming to be able to write at least 400 words), and spoken interaction. To this end, students will be involved in comprehensive personal research and the study of literary texts. The coursework is much more systematic than in previous years enabling students to express more complex ideas in an even more varied number of situations and thus introducing them to new registers of language and vocabulary.





#### HOME LANGUAGE MS JAPANESE 1

#### 1 YEAR, 1 CREDIT

This course will develop basic communicative proficiency in the Japanese language for native speakers. Major topics include developing communicative skills in the following situations: greetings, daily activities, ordering in restaurants, discussing family relationships, professions and nationalities, shopping, domestic life, and health. Basic grammar topics will be reviewed.

#### HOME LANGUAGE MS JAPANESE 2

#### 1 YEAR, 1 CREDIT

This course will develop communicative proficiency in Japanese language and enrich students' understanding of Japanese culture. Major topics include developing communicative skills in the following situations: discussing art and museums, comparing people and things, traveling by airplane or by train, eating in a restaurant, describing daily routines, congratulating someone, discussing sports and leisure activities, going to the bank, and staying in a hotel. Grammar topics from Japanese 1 will be reviewed and new topics introduced.

#### HOME LANGUAGE MS JAPANESE 3

#### 1 YEAR, 1 CREDIT

This course will develop oral and written communicative skills in Japanese through the study of a variety of authentic texts and films, with emphasis placed on developing oral communication skills and cultural understanding of Japanese culture. At the end of the course students will be able to express ideas, opinions and emotions both orally and in writing, and shall be able to read, understand and interpret written language for a variety of purposes.

#### HOME LANGUAGE JAPANESE HS 1, 2, 3

#### 1 YEAR, 1 CREDIT

These courses will progressively continue the development of oral and written communication skills in Japanese language for native language speakers. Through the study of a variety of authentic texts and films, students will focus on learning the social and cultural background necessary to understand contemporary Japanese.

#### MS SPANISH 1

#### 1 YEAR, 1 CREDIT

This course will introduce students to the basics of the language and culture. The learning objectives include familiarizing students with basic vocabulary through oral and written skills. Students will study the culture to better understand Spanish speaking people and their customs.

#### **MS SPANISH 2**

#### 1 YEAR, 1 CREDIT

This course will build on concepts of language and culture learned in MS Spanish 1. The learning objectives include more in-depth vocabulary through oral and written skills. Students will continue to study the culture to better understand Spanish speaking people and their customs.



#### **MS SPANISH 3**

#### 1 YEAR, 1 CREDIT

This course will build on concepts of language and culture learned in MS Spanish 2. The learning objectives include more in-depth vocabulary through oral and written skills. Students will continue to study the culture to better understand Spanish speaking people and their customs.

#### **HS SPANISH 1**

#### 1 YEAR, 1 CREDIT

This course will develop basic communicative proficiency in Spanish language and provide an introduction to the study of Hispanicspeaking cultures. Major topics include developing communicative skills in the following situations: greetings, daily activities, ordering in restaurants, daily classroom conversation, discussing family relationships, professions and nationalities, shopping, domestic life, and health.

#### **HS SPANISH 2**

#### 1 YEAR, 1 CREDIT

This course emphasizes effective communication in Spanish by way of activities that incorporate listening, speaking, reading and writing skills. Students will explore a variety of topics related to Hispanic culture, with vocabulary arranged according to themes including: the individual, leisure, food and drink, health, school, work, and the city.

#### **HS SPANISH 3**

#### 1 YEAR, 1 CREDIT

This course will develop oral and written communicative skills in Spanish through the study of a variety of authentic texts and films with emphasis placed on developing oral communication skills and cultural understanding of Hispanic-speaking culture. At the end of the course, students will be able to express ideas, opinions and emotions both orally and in writing. Also students will be able to read, understand and interpret written language for a variety of purposes.

#### **HS SPANISH 4**

#### 1 YEAR, 1 CREDIT

This course will continue the development of oral and written communication skills in Spanish language through the study of a variety of authentic texts and films. Emphasis will continue to be placed on oral communication and cultural understanding.

#### **AP CHINESE**

#### 1 YEAR, 1 CREDIT

This course is designed to prepare students for the AP exam. It prepares students to demonstrate their level of Chinese proficiency across the three communicative modes (Interpersonal, nterpretive, 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, which is also aligned with the College Board AP Chinese requirements. Prerequisite: Departmental approval)

#### **AP SPANISH LANGUAGE**

#### 1 YEAR, 1 CREDIT

In this course students will continue to develop their skills in text handling (both written and spoken), written production (aiming to be able to write at least 400 words) and spoken interaction. Students will be involved in comprehensive personal research. The study of literary texts is more comprehensive than in previous years enabling students to express more complex ideas in a varied number of situations. Students will continue to develop an appreciation of Hispanic-speaking cultures during the year. (Prerequisite: Departmental approval)

## Physical Education /Health

#### MIDDLE SCHOOL PE & HEALTH\*

#### 1/2 YEAR, 1/2 CREDIT

During middle school P.E. and Health, students will learn and practice many different sports including volleyball, basketball, floor hockey, table tennis, soccer, and softball. In addition, nutrition, communication, overall personal health and maintenance will be explored. The year will be broken up into three specific blocks. 12 weeks -or Block 1- will be designated for P.E. The second 12 weeks will be focused on Health, while Block 3 will bring our focus back to P.E.

#### HIGH SCHOOL PE & HEALTH<sup>†</sup>

#### 1 YEAR, 1 CREDIT

Throughout the course of the year students will participate in a wide variety of activities and course specific curriculum. Activities include the following: soccer, volleyball, softball, track and field, fitness testing, flag/touch football, table tennis, floor hockey, basketball, ultimate Frisbee, and kickball. In addition, nutrition, communication, overall personal health and maintenance will be explored. The year will be broken up into three specific blocks. 12 weeks -or Block 1- will be designated for P.E. The second 12 weeks will be focused on Health, while Block 3 will bring our focus back to P.E.

#### SECONDARY DANCE (MS & HS SECTIONS)

#### 1 YEAR, 1 CREDIT

Secondary Dance is a class to teach anyone who is interested in learning how to express themselves through movement. The course will teach basics of many different styles of dance including Jazz, Ballet, Modern, and Hip Hop.



#### YOGA (MS & HS SECTIONS)

#### 1 YEAR, 1 CREDIT

This course is designed to introduce students, safely and accessibly, to the basic postures, breathing techniques, and relaxation methods of yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day-to-day life. The aim of this course is to promote vibrant health and to tap the body's latent energy reserves.

#### AEROBIC ZUMBA (MS & HS SECTIONS)

#### 1 YEAR, 1 CREDIT

Zumba is a Latin inspired, dance-fitness class that incorporates Latin and international music and dance movements, which create a dynamic, exciting, and effective fitness system. Zumba integrates some of the basic principles of aerobic, interval, and effective fitness resistance training to maximize caloric output, cardiovascular benefits, and total body toning. Zumba provides a non-intimidating opportunity for non-dancers to participate in a group aerobic class.







-Steve Jobs

## Career & Technical

#### **COMPUTER APPLICATIONS 6, 7, 8\***

#### 1/2 YEAR, 1/2 CREDIT

This course is designed for students interested in mastering a wide array of useful software and web applications. Students will explore applications such as: Microsoft Office, Photoshop, Premiere, and Dreamweaver. Students will create websites and develop projects utilizing each application.

#### PYTHON PROGRAMMING (MS & HS ELECTIVE)

#### 1 YEAR, 1 CREDIT

This course teaches computer programming using the Python computer language. The Python computing commands are intuitive and demonstrate computing concepts that apply to any computer language. Students will be able to install, write, and run programs. The course will start with simple math programs. Students will be able to write programs for games, graphics, and other functions.

#### AP COMPUTER SCIENCE (HS ELECTIVE)

#### 1 YEAR, 1 CREDIT

The purpose of AP Computer Science is to lay the foundation for object-oriented programming. The course will teach students computer science concepts. The focus will be on the concepts and abstract ideas rather than on the syntax. The course is about the design of classes, algorithms, programming techniques, and introduction to data structures like arrays and array lists. (Prerequisite: Departmental approval)

#### DIGITAL MEDIA DESIGN (HS ELECTIVE)

1 YEAR, 1 CREDIT

Digital media production is an undeniably important skill for students and professionals in the 21stcentury. This course will prepare students with the basic software skills needed for multimedia presentations using graphic design and photo editing software (Adobe Photoshop), audio recording and manipulation software (Audacity), and video recording and editing software (Adobe Premier). Students will ultimately learn how to plan and produce podcasts, Youtube videos/VLOGS, graphic designs, and multimedia presentations using audio, video, graphics and text.

#### **GRAPHIC DESIGN/3D ART DESIGN**

1 YEAR, 1 CREDIT

The purpose of this class is to introduce students to a range of 3D design programs, producing models and products using our 3D printer. Students will learn advanced design processes by hand and on screen. The subject combines elements of graphic and product design as well as architecture and modeling.

#### TEAM LEADERSHIP/STUDY SKILLS

1 YEAR, 1 CREDIT

In this course, students will practice techniques for self-evaluation, goal-setting, and selfmastery. The course aims to produce students who are better able to manage their own lives, and who will be able to make meaningful impacts on those around them through the implementation of positive relationship strategies.



#### **MS/HS BUSINESS**

#### 1 YEAR, 1 CREDIT

The goal of this course is to provide students with a thorough understanding of business concepts and their theoretical underpinnings. It will also encourage students to think critically as well as foster an understanding, appreciation, and application of business ethics. This course will also incorporate the use of technology to perform business activities.

#### **OFFICE ASSISTANT**

#### 1 TERM 0.5 CREDITS GRADE LEVEL: 6-12

Office Assistant provides students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering the telephone, and making copies. This course emphasizes appropriate work attitudes, human relations, and proper office procedures. (Prerequisites: By application only)





#### High School Graduation Requirements Applicable to Students who enter High School 2011 or after

**Advanced Studies Diploma** – This is our most rigorous diploma. It offers an advanced academic program designed for students who desire entrance into top universities.

SLAS Diploma – This is a challenging program of study that surpasses California's general requirements.

SUBJECT	ADVANCED DIPLOMA	SLAS DIPLOMA
English	<b>4 credits Standard English</b> (max 1 credit granted for ELD courses) 1 CREDIT AP ENGLISH ENGLISH REQUIRED	<b>4 credits</b> (max 2 credits granted for ELD courses) ENGLISH 11 AND 12 REQUIRED
Social Studies	<b>4 credits</b> 1 CREDIT OF AN AP SOCIAL STUDIES CLASS REQUIRED US HISTORY REQUIRED ECON/ GOVERNMENT REQUIRED	3 credits US HISTORY REQUIRED CON/GOVERNMENT REQUIRED
Mathematics	<b>4 credits</b> ALGEBRA 1 REQUIRED GEOMETRY REQUIRED ALGEBRA 2 REQUIRED	3 credits ALGEBRA 1 REQUIRED
Science	<b>4 credits</b> 1 CREDIT OF AN AP SCIENCE CLASS REQUIRED BIOLOGY REQUIRED	3 <b>credits</b> BIOLOGY REQUIRED
Foreign Language	<b>4 credits</b> 3 YEARS THE SAME LANGUAGE	<b>3 credits</b> 2 YEARS THE SAME LANGUAGE
Health & Phys. Ed.	2 credits	4 credit
Fine Arts	2 credits	2 credits
Electives	4 credits	3 credits
Career/Technology	1 credit	1 credit
Senior Project	1 credit	1 credit
Community Service	25 hours per year enrolled in SLAS	25 hours per year enrolled in SLAS
TOTAL UNITS	30 CREDITS	27 CREDITS

Career and Technical

# It's All About Passion

#### CULINARY ARTS (COOKING) (MS & HS SECTIONS)

1 YEAR, 1 CREDIT

Culinary Arts is a growing program in our school. This program is designed for those wanting to learn the "art" of cooking and for those wanting to continue in the Arts field in any of the many diverse opportunities: Sous Chef, Pastry Chef, Kitchen manager, Garde manger, Banquet Chef, or a Restaurant Entrepreneur.

> Learn how to cook...Try new recipes. Learn from your mistakes and be fearless. And above all have fun.

66

-Julia Child