



2008~2009  
Course Catalog



Dear Students,

The courses outlined in this catalog are consistent with our mission to deliver a college-preparatory curriculum, introduce you to the myriad of opportunities available in international business and maritime studies and allow you to satisfy all of the entrance requirements for college.

This catalog is intended to be your academic compass, enabling you to navigate your way through your years with us. I encourage you to use these course descriptions as topics for engaging your parents, teachers and counselors in meaningful discussions about which courses are most appropriate for you.

I look forward to working with the first senior class as they embark upon the journey of college applications, campus visits and graduation. Our new and existing students will benefit from the wonderful improvements here at POLAHS, and our faculty and staff anticipate another great school year.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Cross', with a long horizontal flourish extending to the right.

James Cross  
Executive Director



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# Policies, Procedures & Services

## **Grade Standing Policy**

Students are considered to be at:

- ⌘ Sophomore Standing 60 or more credits
- ⌘ Junior Standing 120 or more credits
- ⌘ Senior Standing 170 or more credits

Parents will be contacted when students are deficient in credits and may result in academic probation. Available options will be discussed with the parents and student. Students who are deficient in credits must enroll in extra classes to graduate.

## **Graduation Status Report**

At the beginning of the 11<sup>th</sup> and 12<sup>th</sup> grade each student will be given a transcript to check for mistakes. The transcript will include the total number of credits earned. Students in grades 9-10 will receive a transcript during the registration process each spring.

## **Counseling Services**

Students may make an appointment to see the Academic Advisor by telephone, email or in person at the front office. The Academic Advisor helps students plan an appropriate program of studies, assesses student progress and advises students whenever adjustments in the program are necessary.

In the spring of the 8<sup>th</sup> grade year students and parents are invited to attend a new student orientation to familiarize themselves with POLAHS and its curriculum.

POLAHS partners with the Boys & Girls Club program College Bound to assist students with college information, college applications, financial aid and scholarships.

# Schedules, Grades & Credits

## **Student Schedule Requirements**

Students in grades 9-11 are required to enroll in six classes. Seniors are required to enroll in at least five classes. One of the five classes could be a college level class. The student must have prior Academic Advisor's permission to enroll in a college class.

## **Course Credit Information and Make-Up Policy**

In the typical course, grade and credit (5.0 credits) are granted at the end of each semester. Some of our courses are granted 2.5 credits at the end of each semester.

If a student fails a class, he/she must meet with the Academic Advisor for advice and needed paperwork.

**Graduation:** If a student has not met the minimum requirements for graduation due to a grade of "F" he/she can make-up classes by completing one of the following options: Adult School, Community College, or Port of Los Angeles HS (if available).

**CSU/UC Eligibility:** All UC/CSU coursework for eligibility requires a "C" or better. If a student does not meet the minimum eligibility requirement for attendance to a 4-year college or university because of a "D" or "F" he/she can make-up classes by completing one of the following options: Community College or Port of Los Angeles HS (if available).

## **Incomplete Grades**

An incomplete grade (I) can be given by a teacher when a student misses a final examination or does not turn in required work due to illness, suspension, or a reason beyond the student's control. The student must complete the coursework required to remove the incomplete with a period of time that equals the duration of the absence. When the absence is due to an extended illness, the student has one quarter following the absences to complete the required work in order to receive a letter grade and credit for the class.

The student (or parent) must get approval from the Department chair in order to makeup a final examination. The student (or parent) is responsible for contacting the teacher for assignments necessary to complete the work. For extremely long periods of illness, a separate plan may be developed between the student/parent, teacher, and Academic Advisor.

Once the student completes the required work, it is the responsibility of the teacher to remove the incomplete by filing the appropriate grade change form with the Counseling office. If the coursework is not completed in the allotted time after which it is assigned, the incomplete will be converted to the grade the student would have earned with zero grades for the makeup work.

## **Grade Correction Policy**

The grade given to each student shall be the grade determined by the teacher of the course. The determination of the student's grade by the teacher, in the absence of error, shall be final (Ed. Code 49066). In the event of an error, corrections can be made within the first six weeks of the semester following the semester for which the grade was given. It is the responsibility of the teacher to submit a grade correction or remove an incomplete by the deadline. Any questions regarding a final grade should be directed toward the teacher of the specific course.

## **Repeating Courses**

Students who repeat a course to improve their grades will not be awarded duplicate units of credit (unless the course is designated as one that is repeatable for credit). Both grades will appear on the transcript. Student's who receive an "F" in a course that is not repeated, will have the "F" computed in the GPA. If students are repeating a course they need to meet with the Academic Advisor to ensure they are on track in meeting graduation and UC/CSU requirements. The UC/CSU system will only accept repeat grades for courses to improve a "D" or "F" grade. Each college or university may treat grades earned in repeated courses differently.

## Port of Los Angeles High School Curriculum and Graduation Requirements

(Compliant with CA Education Code 51225.3 High School Graduation for ALL students)

Subject	POLAHS Curriculum	Credits	UC A-G Requirements	CAL STATE Requirements
<b>English</b>	<u>4 years Required:</u> English 9A/B; English 10A/B; American Literature/Contemporary Composition; Expository Composition/Modern Literature; AP English Literature & Composition	40	4 Years Required	4 Years Required
<b>Math</b>	<u>2 years Required:</u> Algebra 1 A/B; Geometry A/B; Algebra II A/B; Pre-Calculus A/B; Calculus A/B; AP Calculus A/B (After 2 year requirement is met additional math courses may taken as elective courses)	20	3 Years Required 4 Years Recommended	3 Years Required 4 Years Recommended
<b>Science</b>	<u>2 years Required:</u> Integrated Science A/B; Biology A/B; Chemistry A/B; Marine Biology A/B; Physics A/B (After 2 year requirement is met additional science courses may taken as elective courses)	20	2 Years Lab Science Required 3 Years Recommended	2 Years Required 1 Year Required biological science & 1 Year Required physical science
<b>Social Studies</b>	<u>4 years Required:</u> History of the Port; World Geography; AP Human Geography A/B; World History A/B; AP World History A/B; U.S. History A/B; AP U.S. History A/B; Government; Economics (Additional history courses may taken as elective courses)	40	2 Years Required	2 Years Required
<b>Foreign Language</b>	<u>2 years Required:</u> Spanish 1A/B; Spanish 2A/B, Spanish 3A/B; Spanish for Native Speakers 1A/B; Spanish for Native Speakers 2A/B; AP Spanish A/B; Japanese 1A/B; Japanese 2A/B (After 2 year requirement is met additional foreign language courses may taken as elective courses)	20	2 Years Required of the same language 3 Years Recommended	2 Years Required of the same language
<b>Visual/ Performing Arts</b>	<u>1 year Required:</u> Introduction to Art A/B; Dance 1A/B; Drama/Theatre A/B	10	1 Year Required from a single discipline	1 Year Required
<b>Physical Education</b>	<u>2 years Required:</u> P.E. 1A/B; P.E. 2A/B	10		
<b>Health Education</b>	<u>1 Semester Required:</u> Health	5		
<b>Life Skills</b>	<u>1 Semester Required:</u> Life Skills	5		
<b>Computer Literacy</b>	<u>1 Semester Required:</u> Computer Science; Computer 3D Animation; Computer 3D Animation Advanced	5		
<b>Electives- Career and Technical Education</b>	<u>1 year Required:</u> Career and Technical Education Courses that make up the core Maritime Studies instructional program. Maritime Studies 1; Maritime Studies 2; Maritime Studies 3; Maritime Studies 4	10		
<b>Electives</b>	<u>Minimum 45 credits:</u> Study Skills; Psychology; Port of Los Angeles Community Research Project; Additional courses from above subjects after minimum requirements are met	45	1 Year Required from areas listed above	1 Year Required from A-G list
<b>Total Credits Needed for Graduation</b>		<b>230</b>		

# English Language Arts Faculty

Alcomendas, G.....	American Literature
Brown, S.....	Expository Comp. & Modern Lit
Campa, J.....	English 9
Wiggins, P.....	English 9
Riehl, P.....	English 10
Ivie, F.....	English 9

## English 9

Grade(s): 9

Prerequisite(s): none

Length: year

This course introduces students to critical analysis of literature through several different types of formal and informal writing assignments and oral responses. The goal is for the students to build understanding of themselves by examining diverse themes and world cultures and gain new perspectives and insight into the many dimensions of the human experience. Correct grammar, punctuation, and spelling usages are emphasized. Students will read texts covering four genres: short story, non-fiction, poetry, and drama and will analyze recurrent patterns and themes in historically or culturally significant works. Students will gain skills necessary for competent writing and reading by focusing on the mechanics of language, vocabulary development and directed reading and writing.

*\* Honors course available upon teacher approval*

## English 10

Grade(s): 10

Prerequisite(s): Successful completion of English 9

Length: year

This is a comprehensive course designed to develop the full range of English skills - reading, writing, speaking and listening. Students will gain and refine skills necessary for competent writing and reading by focusing on the mechanics of language, vocabulary development and directed reading and writing. Students will increase their vocabulary development, work on analysis and reasoning skills, and research techniques. Students will complete a variety of writing activities including: Opinion Statement, Focused Description, Poetry, Problem-Solution Essay, Career Search Report, Persuasive Essay, Cause-and Effect Essay, Interpretive Essay, Autobiographical, Incident and Research Report that demonstrate research, organization, and drafting strategies.

*\* Honors course available upon teacher approval*

## American Literature

Grade(s): 11

Prerequisite(s): Successful completion of English 10

Length: year

This course introduces the student to the various genres and periods of American Literature. The historical and philosophical context of these works will also be examined, enabling the student to understand the context in which these texts were created. Emphasis will also be placed on an appreciation of these works, as well as critical thinking and reading. There will also be continued practice in different forms of writing, such as literary analysis and expository and narrative composition.

*\* Honors course available upon teacher approval*

## AP English Literature and Composition

Grade(s): 11

Prerequisite(s): Successful completion of Amer. Lit. & teacher approval

Length: year

Instruction in AP English Literature prepares students to take the AP English Literature examination offered by the College Board. Passing grades on the exam afford students college credit for this course with the amount of credit varying with each university. Students hone analytical, critical and evaluative skills while reading and discussing core literary works from the AP suggested reading list or equivalent works. Students cultivate the ability to convey ideas and arguments precisely, orally and in writing advanced essays, both timed and prepared. Typical AP titles include novels, plays, poetry and non-fiction works from the Renaissance through contemporary times and are multi-cultural in origin.

## British Literature and Contemporary Composition

Grade(s): 12

Prerequisite(s): Successful completion of American Literature

Length: year

This is a course in critical reading and prose writing designed to refine the student's skills in thinking logically, reading carefully, and writing effectively. Stress is placed on the organization and composition of objective expository essays, including the research paper. Works will be examined in light of their literary attributes and their reflection of the complexities of contemporary life, values, and thought.

# Fine/Performing Arts Faculty

Cornell, L.....Intro to Art

## Intro to Art

Grade(s): 9.10,11,12

Prerequisite(s): none

Length: Year

This course is an introduction to art theory and application in the areas of drawing, painting and color theory. Assignments are created to meet each of the 5 content strands of the Visual Art Standards, with projects that focus on the Elements of Art: line, color, shape, form, texture, value and space and the Principles of Design: balance, contrast, dominance, emphasis, movement, repetition, rhythm, subordination, variation and unity. Students will develop a portfolio that will include class work and independent assignments. Students will keep a sketchbook to record conceptual ideas and observational drawing practice.



# Foreign Language Arts Faculty

Bruhnke, R.....Spanish 1, Spanish 1 NS

Atristain, I.....AP Spanish, Spanish 2, Spanish 1 NS

## Spanish 1

Grade(s): 10,11,12

Prerequisite(s): none

Length: year

Spanish 1 is an introductory course for students who wish to learn a foreign language. It is intended to develop limited facility in each of the major communication skills: listening, reading, speaking, and writing. Major emphasis is on development of the ability to speak fluently with accurate pronunciation and intonation, while fostering an appreciation of the culture and current events, and knowledge of basic vocabulary and grammatical structures.

## Spanish 1 Native Speakers

Grade(s): 10,11,12

Prerequisite(s): Teacher approval

Length: year

This is an introductory course for native Spanish speakers. Students will read and write extensively in Spanish through study of a variety of texts, on-line and primary resource material. Students will gain confidence in their reading ability, and will improve their written Spanish by focusing on natural written expression, correct grammar, spelling, and increasing vocabulary. Cultural, historical and current realities of hispanic cultures will be part of instruction throughout the course.

## Spanish 2

Grade(s): 11,12

Prerequisite(s): Successful completion of Spanish 1

Length: year

This course is designed to teach students to communicate in Spanish. Instruction will emphasize listening, speaking, reading, and writing skills in preparation for advanced work. Students will be able to express themselves at a basic level in present and past tenses. Additional emphasis will be focused on reading comprehension and creative writing in the target language.

## AP Spanish

Grade(s): 12

Prerequisite(s): Successful completion of Spanish 1,2, and Teacher Approval

Length: year

The AP Language course is given completely in Spanish. It is encouraged for students to speak the target language in every opportunity they have in and outside of school. During the course students should be able to: Communicate their needs as well as others, discuss, inquire, give a description, retell a story, and lastly be able to give an inference of any studied topic. Understand lectures, radio broadcasts, magazine articles, selected readings, oral presentations and detailed instructions. Express themselves well towards an audience or to any person using formal and informal use of the target language.



# Maritime Studies

## Director

DeSanto, A.....MS I, II, III, IV

### Maritime Studies I/Introduction

Grade(s): 10,11,12

Prerequisite(s): none

Length: semester

This is an introductory one semester course that will expose students to a wide variety of topics associated with the maritime industry. The foundation standards, as well as the pathway standards for this course will be followed. Students will learn basic concepts of seamanship, navigation, terminal operations, stevedoring, logistics, and port security. This course is a prerequisite for Maritime Studies II. The class will visit various maritime related businesses, and the students will be required to apply academic theory to “real world” situations. As part of this class students will visit maritime related business and organization such as; APL Marine Terminal, and The Marine Exchange. Also, there will be guest speakers from organizations including; Los Angeles Port Police, and United States Coast Guard.

### Maritime Studies II/Boat Operations

Grade(s): 10,11,12

Prerequisite(s): Passing Grade in MS I

Length: semester

This is a concentration level course that focuses on practical application of piloting and seamanship. Using the basic nautical knowledge that the students acquired in Maritime Studies I as a foundation, this class will allow students to master the fundamentals of piloting and seamanship. Students will be able to take the theoretical knowledge learned in class and apply it in an underway setting. The class will meet on a normal schedule and once per week the class will be held on the tug boat “Angels Gate” (Appendix A) for a dock side class. Once per month the class will meet on the vessel and get underway for class. Students will earn Red Cross certification in C.P.R. and first-aid. Students will also have the opportunity to meet the educational requirements to qualify for a United States Coast Guard License: Uninspected passenger vessel under 100 tons.

### Maritime Studies Logistics

Grade(s): 11,12

Prerequisite(s): Passing Grade in MS II

Length: semester

This course focuses on logistics. Students will have the opportunity to learn the fundamentals of shipping, tracking, warehousing, and terminal management. Students will also be introduced to the latest techniques in logistics, control systems analysis, design and integration. A significant component of the class will involve a variety of real life case studies that students will have to analyze, critique, and for which they will be required to propose alternative solutions. Through their study, students will be able to anticipate changes that may impact logistics in the twenty-first century.

## Maritime Studies Internship

Grade(s): 11,12

Prerequisite(s): Passing Grade in MS III

Length: semester

The last Maritime Studies class in the CTE sequence of courses requires students in their senior year to complete an internship at an approved place of work. This internship must include a minimum of five hours of work each week for a period of fifteen weeks. For the internship to be successful, all must collaborate: the student, the Port of Los Angeles High School, and the participating maritime company or organization. The goal is to have students receive mentoring in order to make a smooth, successful transition from school to work.

## Port of Los Angeles Community Research Project

Grade(s): 12

Prerequisite(s): English 9, 10, 11

Length: 1 year

This is an elective course created for 12th graders. Students will utilize their reading, writing, and communication skills to create a thoughtful-research project based on a topic of their own choice, using the Maritime Industry and Port Community as the theme. Students will showcase their work in a three part process. The components include a research paper, physical project, which is a minimum of 15 hours of fieldwork and related to some aspect of the paper, and a presentation to a panel of judges. *(The oral presentation is given before a panel, made up of teachers, mentors and community members, and synthesizes the first two components of the project.)* Students must complete each of the three components.



# Mathematics Faculty

Monkowski, A.....Geometry, Math Lab

Ogden, C.....Algebra 1, Math Lab

Pettyjohn, J.....Algebra 2, Pre Calculus

DeLanie.....Geometry

Dougherty, D.....Algebra

## Math Lab

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: year

This course presents a review of arithmetic topics and introduces elementary algebra topics including operations with integers, exponents, the use of mathematical sentences, and solutions of simple linear equations.

## Algebra 1

Grade(s): 9,10,11,12

Prerequisite(s): Pre Algebra or Algebra Prep

Length: year

Emphasis in this year-long course is on student development of an understanding of the symbolic language of mathematics. Algebraic concepts are introduced through the development of an understanding of algebraic expressions, mathematical sentences and equations, the real number system, and functions and relations. Algebraic skills and concepts are developed and applied in a wide variety of problem solving situations.

*\* Honors course available upon teacher approval*

## Algebra 1 Remedial

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: year

This course is designed as a two-year sequence equivalent to Algebra 1. Algebra 1 covers chapters 1-11 of the text in one year. Algebra 1A covers chapters 1-6 in one year; Algebra 1B covers chapters 6-11 in the subsequent year. Emphasis in this two-year course is on student development of an understanding of the symbolic language of mathematics. Algebraic concepts are introduced through the development of algebraic expressions, mathematical sentences and equations, the real number system, and functions and relations. Algebraic skills and concepts are developed and applied in a wide variety of problems solving situations.

## Geometry

Grade(s): 9,10,11,12

Prerequisite(s): Successful completion of Algebra 1

Length: year

This is the second course in high school mathematics, following Algebra I. This course is based on the standards set by the State of California. The following topics are included: geometric proofs; perimeter, area and volume of two- and three- dimensional figures; size transformations; properties of parallelograms; Pythagorean theorem; constructions; trigonometric functions; special triangles; properties of circles; coordinate geometry.

*\* Honors course available upon teacher approval*

## Algebra 2

Grade(s): 9,10,11,12

Prerequisite(s): Successful completion of Geometry

Length: year

In this year-long course, students expand their skills in abstract thinking and improve their ability to provide algebraic solutions to problems in various content areas. A functional approach is used in the development of concepts such as exponents, logarithms, and polynomials. Other topics include conic sections, solution of systems of quadratic equations, sequences and series, the Binomial Theorem, and the complex number system.

## Pre Calculus

Grade(s): 10,11,12

Prerequisite(s): Successful completion of Algebra 2

Length: year

This is a preparatory course for students intending to take college level or AP Calculus. This year long course is based primarily on the California State Standards for Trigonometry and Mathematical Analyses. In addition, we incorporate some probability and statistics, analytic geometry, limits and introduction to calculus in the course as well.

## Calculus

Grade(s): 11,12

Prerequisite(s): Successful completion of Pre Calculus

Length: year

This course will cover topics including limits, differentiation, integrals, maximizing and minimizing problems. Upon successful completion of this course, students are encouraged, but not required, to take the AP Calculus AB exam for college credit. Those not passing (or attempting) the AP exam may still be able to test out of a partial or full year of calculus in college, depending on the university. A TI-83 or better graphing calculator is required for this course.

# Other Electives

## Faculty

Costa, P.....Life Skills

### Life Skills

Grade(s): 9, 10, 11,12

Prerequisite(s): none

Length: semester

This course deals with an array of life issues, such as academic skills, communication skills, and real-world financial skills. In developing the student's academic skills, the focus includes research skills, taking salient lecture and book notes, college and career planning, and test preparation for state mandated tests (such as the California High School Exit Exam). Presentations and public speaking give students an opportunity to gain effective communication skills necessary in high school, college and careers. In preparation for the world of work and money, students create job resumes, cover letters, practice interviewing skills, and create a "budget plan." This course helps to develop qualities that make up good character, fueling growth in academics, study skills, relationships, budgeting, and proactive behavior.

### Teacher's Aide

Grade(s): 10, 11,12

Prerequisite(s): Teacher Approval

Length: semester

Students work as assistants to teachers. Regular attendance is required. The teacher assistant will report daily to the assigned teacher or substitute teacher. In the event there is no assignment, the TA will remain with the assigned teacher for the period, or under prior arrangements, remain under the supervision of another teacher or secretary in one of the offices. The TA is not to be left unsupervised in a classroom. A student may not be a TA more than one period per semester. A TA may not leave campus nor have access to specific information regarding the academic progress of individual students.

# PE/Health Faculty

Pettyjohn, M.....Health

Martinez, D.....PE 2

Harper, J.....PE 1

## Health

Grade(s): 9, 10, 11,12

Prerequisite(s): none

Length: semester

This course focuses on the development of the individuals growing mastery of knowledge, skills, and behaviors in four key areas critical to healthy living: Acceptance of personal responsibility for lifelong health, Respect for and promotion of the health of others, An understanding of the process of growth and development, Informed use of health-related information, products, and services.

## Physical Education

Grade(s): 9, 10, 11,12

Prerequisite(s): none

Length: semester

The students will achieve a level of physical fitness for health, demonstrate knowledge of and competency in motor skills, movement pattern, and develop psychological and sociological skills through a variety of activities throughout the course.

## Physical Education Waiver

Grade(s): 9, 10, 11,12

Prerequisite(s): none

Length: semester

With approval from the principal or designated school official students may receive physical education credits through a team sport, community sports program, or participation in an approved program on a regular basis.

# Science Faculty

Dikdan, T.....Biology, Marine Biology

Mares, M.....Biology, Chemistry

LaBouff, M.....Integrated Science

Zrucky, D.....Integrated Science

## Integrated Science

Grade(s): 9, 10, 11,12

Prerequisite(s): none

Length: year

This course is designed to provide an overview of the various types of sciences students will encounter throughout their academic career. Science and technology, Earth and Space Science, Life Science, Physical Science, and Science as Inquiry will all be discussed, investigated, and analyzed. Aspects in the fields of Chemistry and Physics will also be explored.

## Biology

Grade(s): 10, 11,12

Prerequisite(s): Algebra 1 recommended

Length: year

Biology is aligned with the science content standards as established by the state of California. Biology is designed to center on the study of living organisms and the effect that they have on their environment. The course will cover the topics of cell biology, genetics, evolution, ecology, physiology, investigation, and experimentation.

## Chemistry

Grade(s): 10, 11,12

Prerequisite(s): Successful completion of Algebra 1 and Biology

Length: year

This course, which meets college requirements for a laboratory science, covers and investigates the periodic table, atomic structure, chemical bonding, the conversion of matter and energy, stoichiometry, gases and their properties, acids, bases, solutions, chemical thermodynamics, rates of reactions, chemical equilibrium, nuclear processes, and introduces organic and biochemistry. Experiments, mathematical calculations and models are used to promote understanding of the concepts, principles, and theories of chemistry.

# Physics

Grade(s): 10, 11,12

Prerequisite(s): Successful completion of Algebra 2

Length: year

Physics is designed to present the student with the basic principles of physics and the laws that govern the physical world. Emphasis is on quantitative relationships and problem-solving skills. The course involves extensive hands-on laboratory activities, some of which require independent research. Topics covered include mechanics, dynamics, forces, the nature of matter, energetics, heat, fluid mechanics, wave properties, electrostatics, electromagnetism, and the structure of the atom.



# Social Science Faculty

Mora, G.....World History

Yourman, K.....AP US History, US History

Ferguson, C.....AP Geography, World Geography

Schaper, A.....History of POLA

Gregson, A.....US Government, Economics  
Sociology, Psychology

## World Geography

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: semester

The World Geography course equips students with a practical familiarity with the world they live in by focusing on its physical features, political and cultural landscape, available resources, and environmental issues. It also hones their analytical tools through the comprehensive and methodological investigation of world events, both past and present (ranging from the ecological destruction of the Maya and Tokugawa societies to the genocide and ethnic strife present in many African countries), used to arrive at a broader and more meaningful understanding of them.

## AP Geography

Grade(s): 9,10,11,12

Prerequisite(s): Teacher Approval

Length: year

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Student's employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

## History of the Port of Los Angeles

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: semester

In this course, students learn about the Port of Los Angeles by studying its history and impact on the local and global economies, as well as its rich cultural and economic diversity. Students will research, produce, and present complex written and oral responses in context to the history of the Port of Los Angeles, how the Port of Los Angeles influences trade in local and global region, the conflicts that currently exist between business and labor in the Port of Los Angeles, and the impact of the Port of Los Angeles on the environment. In addition to research and written assignments, students will visit and explore famous landmarks, museums, and historical sites in the San Pedro area.

## World History

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: year

This course will examine the contributions of notable people and civilizations of the past and their role in the development of our current political and social structures. Students will examine revolution, technological developments, war, as well as, current global issues. They will also be encouraged to explore how our current world is linked to the past and the implications of U.S. policy on various countries of our world. In consideration to the school's goal of increasing student knowledge of maritime studies we will also examine the role of the Port of Los Angeles and Long Beach in the U.S economy and in the world.

## US History

Grade(s): 10,11

Prerequisite(s): Successful completion of World History

Length: year

In this required eleventh grade course, students analyze and evaluate American political, social, and economic behavior during major periods in the nation's experience. Multiple factors that effect continuity and change in historical setting are studied, in addition to the outstanding contributions of individual Americans. The course traces the change in ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the expanding role of the Federal government in addressing critical issues.

## AP US History

Grade(s): 10,11

Prerequisite(s): Successful completion of World History and teacher approval

Length: year

This course examines, in detail, the history of the United States from the pre-Columbian era to the present. Significant work at an advanced level is required from students including research, outside reading, and logical organization and presentation of factual material in written form. Analysis of events and connection of historical movements with movements in the arts and literature will be emphasized. This course can serve to prepare students to take the Advanced Placement United States History Exam given in May of each year. A successful result on this exam may earn a student college credit.

## Government

Grade(s): 12

Prerequisite(s): none

Length: semester

The purpose of this course is analysis of our current system of government and the historical background, fundamental concepts and principles that inspire democracy in the United States of America. The course covers development of the U.S. Constitution and Bill of Rights as well as the concept of Federalism. It includes a comprehensive study of the political parties, voting and voter behavior as well as elections at the national, state and local levels and the influence of the media and special interest groups on American politics. The course analyzes the three branches of government and the notion of separation of powers as well as system of checks and balances. The course analyzes landmark court decisions and how they affect civil rights and civil liberties. Social issues such as immigration, race, abortion, gender, sexual orientation and disabilities are studied and students evaluate how these complex issues influence national, state and local governments. This course is a culmination of the civics literacy strand of the *California History-Social Science Framework*.

## Economics

Grade(s): 12

Prerequisite(s): none

Length: semester

This course provides a comprehensive study of the basic institutions, concepts, principles, and practice of economics. Basic economic concepts that drive the United States market system and its operations are introduced at both the micro and macro level. Students receive instruction on consumer economics as well as major economic theories by prominent economists and analyze how economics impacts the lives of ordinary citizens. The American free market system is compared with different economic systems of other nations and students analyze how different market systems affect the global economy. Students are able to master basic economic thought through the use of tables, charts, graphs, ratios, percentages and indexes in a project based learning assignment, which is the culmination of this course.

## Sociology

Grade(s): 12

Prerequisite(s): none

Length: semester

The purpose of this course is to study group behavior and how it affects society at large. Social problems that arise from deviant or aberrant behavior are analyzed and students summarize the overall affect on group members from the behavior. Students analyze other cultures and how their traditions impact American society. Instructional units include social structure, social values, poverty, crime, protest, population, mobility, human ecology, marriage and family, and the effect of the mass media on society.

## Psychology

Grade(s): 12

Prerequisite(s): none

Length: semester

The purpose of this course is to cover the major fields in psychological research in learning and cognition, personality, intelligence, perception and emotions. The historical background of psychology is introduced and students study works of Sigmund Freud, Karl Jung, Jean Piaget, B.F. Skinner, Ivan Pavlov and Noam Chomsky and their theories on human relations, mental health, genetics and human development. Students analyze the incidence of mental illnesses such as depression, schizophrenia, autism, eating disorders and other emotional problems as well as their impact on both the individual and society.



# Technical Arts Faculty

Miseroy, E.....Computer Science, Comp. 3D Modeling & Animation

## Computer Science

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: semester

This course designed to provide the student an opportunity to analyze, design and utilize computer skills to complete projects that focus on graphics, and practical, transferable computer skills. These projects represent a diverse range of applications aimed at providing awareness skills. Semester projects will involve the use of various types of software to complete assignments in the areas of graphics, word processing, web application, and desktop publishing.

## Comp. 3D Modeling & Animation

Grade(s): 9,10,11,12

Prerequisite(s): none

Length: year

Students will be introduced to college and career opportunities utilizing computer technology and software as their tools. Students will learn a basic understanding of the skills and techniques employed by 3-D designers in a wide range of applications. They will explore the basics of mesh and NURB modeling, applying textures and materials to 3-D objects, lighting, animation and rendering. Students should have a good basis for further study in architectural, engineering and theatrical modeling, and video game design.

