

# Los Altos High School



## CURRICULUM HANDBOOK

Los Altos High School  
201 Almond Avenue  
Los Altos, CA 94022

This handbook is also available online at [www.mvla.net](http://www.mvla.net)  
Mountain View-Los Altos Union High School District

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## PREFACE

This **Curriculum Handbook** serves as a course selection guide for students and parents who are seeking information about courses at Los Altos High School. This handbook is published annually and reflects the most current offerings; however, it cannot be assumed that every course listed here is offered each semester. Core courses for graduation and entrance to the University of California and California State Universities are always offered. Elective courses are offered based on student sign-ups and the availability of qualified teaching staff.

As a basic planning tool, this handbook features brief descriptions of courses offered and a listing of high school graduation and college entrance requirements. The **Curriculum Handbook** is intended to be used together with other supplementary materials. Using these resources in conjunction with the support of their parents or guardians and counselors, students will be able to design a course schedule that reflects their interests and aptitudes and meets their post-high school goals.

Los Altos High School encourages and welcomes the continuous participation of parents during this planning process and throughout students' high school years. Parents are partners in the educational process and their active participation is key to students' success.

Curriculum Handbook is available at [www.mvla.net](http://www.mvla.net)

# **DISTRICT-WIDE EXPECTED LEARNING RESULTS**

## **I. Skills for Independent Learning**

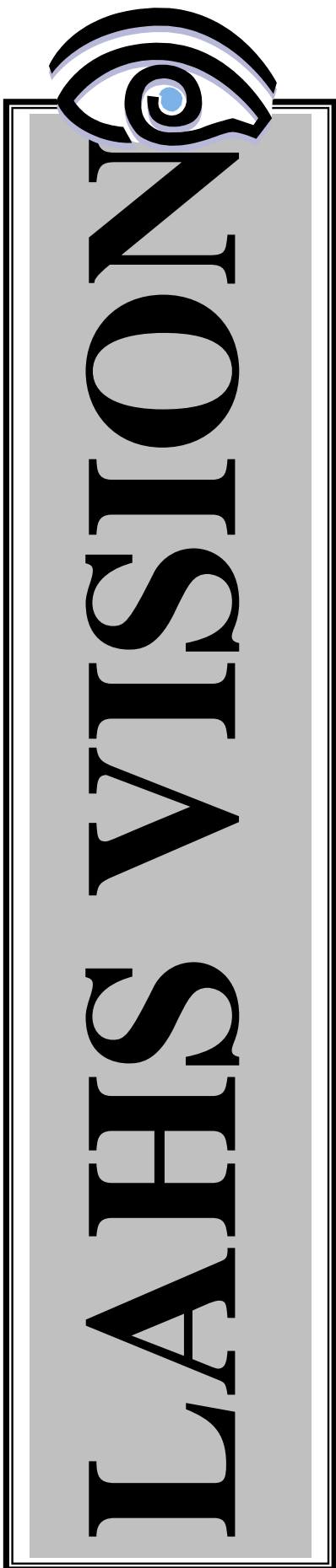
1. Critical Thinking Skills
2. Problem-Solving Skills
3. Communication Skills
4. Knowing How to Learn Skills
5. Creative Skills

## **II. Knowledge, Understanding, Skills and Plans**

1. Skill in Reading, Writing and Math at the 10<sup>th</sup> grade level
2. Understanding of Global Issues, Concepts and Interdependence
3. Understanding of U.S. Society and Culture
4. Responsible Citizenship and Participation in the Democratic Process
5. Understanding and Appreciation of Science and Technology
6. Understanding and Appreciation of the Arts
7. Goal Setting, Life Planning
8. Physical Well-being

## **III. Social Behaviors and Values**

1. Self Esteem and a Sense of Individuality
2. Decision Making and Responsibility
3. Working Relationships, Work Ethic and Group Work



# LAHS VISION

## **LAHS VISION STATEMENT and Expected Schoolwide Learning Results**

WE AT LOS ALTOS HIGH SCHOOL VALUE A LEARNING ENVIRONMENT IN WHICH STUDENTS AND STAFF WORK TOGETHER IN A SPIRIT OF UNITY AND MUTUAL RESPECT.

WE ARE COMMITTED TO THE PROCESS OF CONTINUOUS LEARNING AND THE APPLICATION OF KNOWLEDGE.

WE VALUE THE DIVERSITY OF OUR PATHS WHILE PROMOTING A COMMUNITY IN WHICH MEMBERS HAVE AN EQUAL OPPORTUNITY TO EXCEL AS PEOPLE AND LEARNERS.

**The Los Altos High School staff, in partnership with parents and community, will prepare and expect our students to be:**

### **Critical Thinkers Who –**

- Identify problems or issues
- Access and gather information from multiple sources
- Analyze and synthesize information and make suppositions
- Develop and implement strategies to reach a conclusion or solution
- Apply new insights to future problem-solving situations

### **Collaborative Learners Who –**

Participate in the group process  
Acknowledge responsibility in completing the group task  
Contribute and function in various capacities  
Apply cooperative strategies within the classroom and beyond

### **Self-Directed Learners Who –**

Use feedback to assess, monitor and improve performance  
Know when to seek help  
Persist in completing tasks when faced with challenges  
Demonstrate good study skills  
Develop plans to realize goals

### **Responsible Individuals Who –**

Demonstrate honest, ethical, respectful behavior  
Develop skills to have healthy lifestyles  
Can identify and learn from the consequences of decisions and/or actions and take responsibility

### **Effective Communicators Who –**

Receive and interpret information through reading, listening and inquiry  
Convey information through a variety of media  
Demonstrate an awareness of the intended audience

### **Community Participants Who –**

Actively participate in both local and global community  
Learn about global interdependence  
Have knowledge and understanding of different people, cultures and their contributions

## HIGH SCHOOL GRADUATION AND COLLEGE ENTRANCE REQUIREMENTS

<b>MVLA Union High School District</b>	<b>University of California</b>	<b>California State University</b>
<b>English</b> <b>40 credits</b>	<b>English</b> <b>4 years</b>	<b>English</b> <b>4 years</b>
<b>Social Studies</b> <b>35 credits</b> World Studies            10 credits Addtl.Global Studies    5 credits U.S. History              10 credits Civics                      5 credits Economics                5 credits	<b>History</b> <b>2 years</b> World Studies            1 year U.S. History              1 year	<b>History</b> <b>2 years</b> World Studies            1 year U.S. History              1 year
<b>Mathematics</b> <b>20 credits</b> Must include Algebra I	<b>Mathematics</b> <b>3 years</b> Algebra I                  1 year Geometry                  1 year Algebra II                 1 year (4 years recommended)	<b>Mathematics</b> <b>3 years</b> Algebra I                  1 year Geometry                  1 year Algebra II                 1 year
<b>Science</b> <b>20 credits</b> Must include 10 credits of a physical science and 10 credits of a life science	<b>Laboratory Science</b> <b>2 years</b> 2 of 3 disciplines: Biology, Chemistry, or Physics (3 years recommended)	<b>Laboratory Science</b> <b>2 years</b> Biology and one other college prep. science course (Chemistry, Physics, Envir Sci AP, Earth Science or Forensics) <small>Acceptance of "g" courses subject to change</small>
<b>World Language/Fine Arts/ Practical Arts</b> <b>20 credits</b> 20 credits in one area or any combination in the 3 areas	<b>World Language</b> <b>2 years</b> Must be in the <u>same</u> language. (3 years recommended)	<b>World Language</b> <b>2 years</b> Must be in the <u>same</u> language.
<b>Physical Education</b> <b>20 credits</b> All Freshmen will be enrolled in 9th grade P.E. for the entire year. Sports will count for elective credit only freshman year. Sophomores who have not passed at least 5 of the 6 physical fitness tests will be enrolled in 10 <sup>th</sup> grade P.E. Sports can count for PE credit if 5 of 6 fitness tests are passed.	<b>Visual and Performing Arts</b> <b>1 year</b>	<b>Visual and Performing Arts</b> <b>1 year</b>
<b>Health Education</b> <b>5 credits</b>	<b>Electives</b> <b>1 year</b> One unit (two semesters), in addition to those required above, chosen from the following areas: visual and performing arts, social studies, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used for the world language requirement or two years of another language).	<b>Electives</b> <b>1 year</b> One unit (two semesters), in addition to those required above, chosen from the following areas: visual and performing arts, social studies, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used for the world language requirement or two years of another language).
<b>Electives</b> <b>60 credits</b>		
<b>TOTAL</b> <b><u>220 credits</u></b>		

# LOS ALTOS HIGH SCHOOL

## HONORS/ADVANCED PLACEMENT POLICY

Los Altos High School encourages students to strive for academic excellence and to challenge themselves to the greatest extent possible. With this in mind, LAHS adopted an open enrollment policy for students interested in taking Honors (H) or Advanced Placement (AP) classes. Students are not required to earn certain grades, acquire teacher recommendations or pass entrance exams to register for courses. Students need to thoughtfully consider their personal motivation, goals, and interests in order to make the most appropriate choices suited to meet their needs.

Students enrolling in Honors/AP classes and their parents/guardians are required to sign a contract (see following page) that outlines course expectations. It is important for students and parents to understand that students are required to remain enrolled in selected Honors/AP classes for 2 weeks. After 2 weeks, students may request to be moved into a college prep equivalent class. This request will be granted only on a space available basis. There are no guarantees that students will be able to drop an Honors/AP class and enroll in a college prep class. The district's drop policy states that students can drop a class up to six weeks into the semester with no penalty. After six weeks, students will receive a "WP" or "WF" on their transcripts should they choose to drop a class.

LAHS staff is eager to help students make the most informed decisions possible when selecting courses that will best meet a student's post high school goals. We hope all families will take advantage of the many resources available so that students can achieve the level of challenge they desire. Students need complete, accurate information regarding the courses if they are to make appropriate selections. We are committed to providing this information. The following methods have been developed:

1. **Curriculum Handbook** – This guide contains detailed information on every course offered at Los Altos High School. Each course description offers the skills or preparation the instructors recommend a student possess for success.
2. **Staff Suggestions** – Students are encouraged to ask their current teachers, counselors, administrators and other staff members for suggestions regarding their course selection.
3. **Counselor Meetings** – Counselors hold individual meetings and/or group discussions with students and their families and provide personalized information to help students make thoughtful decisions about course selections.
4. **Honors/AP Informational Meetings** -- In February/March, parent and student meetings are held to explain general Honors/Advanced Placement (AP) course expectations. Teachers, counselors, administrators and students share their insights as to how to make good decisions when selecting Honors/AP classes.

**LOS ALTOS HIGH SCHOOL**  
**201 Almond Avenue**  
**Los Altos, CA 94022-2299**

## **Contract for Honors/AP Classes**

Students (and their parent/guardian) who wish to register for an Honors or Advanced Placement course must sign the following contract in order to be enrolled:

1. I recognize that participation in Honors and AP classes requires me to:
  - demonstrate increased student independence,
  - take on a high degree of responsibility, and
  - meet higher standards than students in College Preparatory courses to earn the same grade.(Note: College Preparatory classes typically require 20-45 minutes homework nightly. Honors classes typically require 1½ times as much homework as College Preparatory classes. Each Advanced Placement course may require as much as 1½ - 2 hours homework nightly.)
2. I commit to completing any required summer work on time and in a satisfactory manner.
3. I commit to remain enrolled in the Honors and AP classes I have chosen for the entire year. While transfers to a college preparatory class *may* be granted, the following policy will be applied:
  - Students will be permitted to transfer only **after the first two weeks of class** on a space available basis. Class sizes are limited per our negotiated agreement with our Teacher's Union.
  - The student's performance in an Honors/AP class will be taken into account in determining the college prep grade.
  - Students who transfer or drop an Honors/AP class after the first six weeks of class will receive a WP (withdraw pass) or WF (withdraw fail) on their transcripts.
4. I realize that by enrolling in an Advanced Placement course I am expected to take the corresponding Advanced Placement Examination in May. Funding support for this examination may be available for students with demonstrated financial need.
5. I agree to uphold the school's honor code. I understand that I may be dropped from any Honors or AP class without credit if I plagiarize, cheat, or submit work that I did not personally complete as an assignment for this class.
6. For Modern European History students: I understand that I must complete a full year of European History AP in order to meet the Global Studies requirement. Students who drop at the semester will be enrolled in Contemporary World Issues, on a space available basis, to complete the Global Studies graduation requirement.

\_\_\_\_\_  
Student #      Student Name (Print)

\_\_\_\_\_  
Student Signature      Date

\_\_\_\_\_  
Parent/Guardian Signature      Date

\_\_\_\_\_  
2<sup>nd</sup> Parent/Guardian Signature Optional      Date

**Return signed contracts to the Assistant Principal Administration of  
Counseling/Instructions in the Administration Building**

# LOS ALTOS HIGH SCHOOL

## TYPICAL PATHWAYS

### ART

LEVEL/YEAR	9 <sup>TH</sup> GRADE	10 <sup>TH</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE
HONORS AND ADVANCED PLACEMENT			AP Studio Art	AP Studio Art
COLLEGE PREP	Art History/ Appreciation Drawing I	Art History/ Appreciation Drawing I Drawing II	Art History/ Appreciation Drawing I Drawing II Drawing III	Art History/ Appreciation Drawing I Drawing II Drawing III
	Painting	Painting	Painting	Painting
	Photo I	Photo I Photo II Digital Photo	Photo I Photo II Digital Photo	Photo I Photo II Digital Photo
NON-COLLEGE PREP	Crafts/ 3D Design	Crafts/ 3D Design	Crafts/ 3D Design	Crafts/ 3D Design
LEVEL / YEAR	9 <sup>TH</sup> GRADE	10 <sup>TH</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE

# COURSE DESCRIPTIONS - ART

The University of California requires one year of visual and performing arts chosen from the following: dance, drama/theater, music or visual art. All full-year art courses identified as College Prep (CP) or Advanced Placement (AP) meet this requirement.

## ART HISTORY/ ART APPRECIATION 1338

Grades 9-12	Y	Credits – 10
Fine Art/I.S./Comm. f	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
Yes		
None	Recommendations	
CP	Level	

Art Appreciation is a course that integrates projects with art history to develop student awareness of time periods, art styles and genres. Emphasis is placed on the principles and elements of art as seen through the study of art works from a variety of cultures. Students will develop a variety of artistic skills using different artistic styles and techniques. A donation of \$50 per semester is suggested.

## CRAFTS 1301

Grades 9-12	S	Credits – 5
Fine Art No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
N	Level	

Students will gain an understanding of the elements and principles of art while creating finished utilitarian artworks that demonstrate refined craftsmanship in this semester-length course. Vital academic skills such as meeting project deadlines, self-assessment and self-monitoring will be reinforced. Instruction is given in the use of different media such as paper maché, textiles and mixed media. A donation of \$20 per semester is suggested.

## DIGITAL PHOTOGRAPHY\* 1320

Grades 11-12	Y	Credits –10
Fine Art/I.S./Comm. f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Photo I or teacher recommendation.

***\*This is a Foothill-sponsored class taught on our campus.\****

First semester, this lab/lecture course is an introduction to digital imaging as a valuable tool for artists and photographers. The course will focus on digital scanning (flatbed and film), image manipulation and retouching and digital output as well as web publication. Second semester, this course is an intermediate digital imaging course building on the skills acquired first semester, focusing on color management and workflow for the digital photographic artist and more advanced image manipulation and retouching. Students will learn Adobe Photoshop as a tool for digitally altering and enhancing images for fine art and commercial application by first completing technical exercises and then developing a professional portfolio of work. Assignments on digital manipulation, collage/montage, and retouching will be given. Class discussion and slide lectures will focus on the use of digital manipulation in contemporary art including the work of artists from diverse cultures with a variety of approaches. A donation of \$50 per semester is suggested.

### ▪ ***\*Foothill-Sponsored Classes***

- *All Foothill-sponsored classes taught on our campus, regardless of whether they are taught by our teachers or Foothill instructors, receive only regular high school credit, e.g., 5 units per semester.*
- *Students receive college credit concurrently on their college transcripts for the same class at the rate of whatever many credits Foothill assigns for a particular class; hence we refer to this as dual credit, not double credit.*
- *Please note as well that college classes do NOT count as honors classes for the purpose of generating the extra grade point assigned to H/AP classes.*
- *The hours of Foothill classes may differ from the LAHS daily bell schedule.*

# COURSE DESCRIPTIONS - ART

## DRAWING I 1311

Grades 9-12	Y	Credits – 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

Drawing I introduces students to the fundamentals of drawing. The course will cover various drawing skills, elements of art, principles of design and art history relevant to each project. The course emphasizes technical skills, use of drawing knowledge, creative development and analysis of aesthetic images. A wide variety of media is introduced, including graphite, charcoal, pastels, pen and ink, and colored pencils. Some project ideas include still-life studies, portraits, landscapes and human figures in both realistic and abstract manner. A donation of \$25 per semester is suggested.

## DRAWING II 1312

Grades 10-12	Y	Credits - 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Prerequisite: Drawing I or teacher recommendation.

Recommendations: C- or better in Drawing I.

Drawing II will concentrate on creative interpretation of themes, advanced drawing techniques and a variety of media. The course emphasizes individual expression and development in diverse subjects, concepts and interpretation/analysis of ideas and aesthetic images. Through investigating different styles and techniques, students will create refined, meaningful drawings that demonstrate technical mastery and creative growth. The course will cover various drawing media, elements of art, principles of design and art history relevant to each project. Some project ideas include still-life studies, figures, formal drawings concentrating on art elements and principles of design, mixed media drawings, abstraction, expressive landscapes, emotional drawings and surrealism. A donation of \$25 per semester is suggested.

## DRAWING III 1312

Grades 10-12	Y	Credits - 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Prerequisite: Drawing II and teacher recommendation.

Drawing III is designed to prepare students for AP Studio Art Students will work with complex projects and aesthetic issues. Students will use elements of art and principles of design to find creative solutions for sophisticated art works. This course will emphasize development of personal style and verve, creative interpretation of ideas and technical mastery. Methods of instruction include slide presentation, group work, research, critiques, videos, field trips and teacher presentations. A donation of \$25 per semester is suggested.

## PAINTING I 1316

Grades 9-12	Y	Credits – 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

Students develop rendering skills in the handling of various painting tools and media, including acrylics and watercolors. Fundamental principles of art are stressed through the study of traditional and contemporary painting styles. Assignments range from still life study, abstract works and traditional painting exercises. Methods of instruction include the use of slides, videos, critiques, demonstrations and teacher presentations. A donation of \$50 per semester is suggested.

# COURSE DESCRIPTIONS - ART

## PHOTOGRAPHY I 1322

Grades 9-12	Y	Credits – 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This course is designed to introduce students to the foundations and standards of basic photography. Students will learn the principles and aesthetics of photography through the use of a single-lens reflex camera, black and white 35 mm roll film and darkroom processing techniques. Students will be exposed to the history of photography and beginning digital concepts. A donation of \$50 per semester is suggested.

## PHOTOGRAPHY II 1323

Grades 10 -12	Y	Credits – 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Prerequisites: C or better in Photography I

Recommendations: C- or better in Photography I.

Students will be introduced to advanced black and white photographic techniques and experimental methods. Students will continue their talents and develop their own style. Students will also be exposed to digital photography through the use of Photoshop, the use of film and digital based photography students will learn to develop a series of photographs. A donation of \$50 per semester is suggested.

## AP STUDIO ART 1340

Grades 11-12	Y	Credits –10
Fine Art/I.S./Comm. f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Prerequisites	
AP	Level	

Prerequisites: Completion of a year of Drawing. (Note: Students who took one year of Painting or Photography or Art Appreciation could enroll in AP Studio Art with teacher recommendation).

The AP Studio Art course is designed for advanced art students. The course will focus on investigation and development of AP 2-D Design Portfolio elements – quality, breadth and concentration. Students will learn and utilize a variety of design concepts, approaches, aesthetic and formal theories, artistic styles and media. Students will work with a variety of techniques to create first year, college-level quality art works. Students will also learn problem-solving skills, decision-making skills and art criticism. This course provides an opportunity for advanced students to develop an art portfolio which may be submitted for college credit. Students may use previous art projects from drawing, painting, photography or art appreciation to develop a college level portfolio for the AP exam. A donation of \$50 per semester is suggested.

## 3-D DESIGN 1303

Grades 9-12	S	Credits – 5
Fine Art No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
N	Level	

3-D Design is a semester-length course offering students the opportunity to explore visual art through the creation of 3-dimensional works. Vital academic skills such as meeting project deadlines, self-assessment and self-monitoring will be reinforced. Refined craftsmanship and the study of the elements and principles of art will be emphasized. Students work with materials such as wire, paper maché, textiles and clay. A donation of \$20 per semester is suggested.

# COURSE DESCRIPTIONS – ATHLETICS

Students may earn P.E. credit for Athletics. LAHS offers an extensive sports program. Athletes must maintain a 2.0 grade point average, earn a minimum of 20 credits in the previous grading period and be enrolled in a minimum of five classes.

*Athletes are responsible for all uniforms and equipment issued. It must be returned in the same condition at the end of the season. Students will be charged for any lost or damaged equipment.*

Practices for the Fall sports begin prior to the start of school.

\*Prerequisites: All students must have a yearly physical, have medical insurance (school insurance may be purchased at the bookkeeper’s office), purchase an ASB card, and pay a \$100.00 transportation fee or obtain a waiver from the Athletic Director.

## **FALL – (1<sup>ST</sup> SEMESTER) - BOYS**

### **FOOTBALL 1945/1946**

F/S & Varsity	1 <sup>st</sup> Sem. Boys	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete on the F/S level. You must be 15 years or older to compete on the Varsity level. Uniforms and safety equipment will be issued by the coaches at the start of the season. Games are in the afternoons and evenings.

### **WATER-POLO 1949/1950**

F/S & Varsity	1 <sup>st</sup> Sem. Boys	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete on the F/S level. Students will need to purchase their personal swimsuits. (Coaches will order team suits). Swim parkas and water polo caps will be issued to students and will be collected at the end of the season. Practices are in the early mornings and in the afternoons or evenings. The tournaments are on weekends.

## **FALL – (1<sup>ST</sup> SEMESTER) - GIRLS**

### **FIELD HOCKEY 1954/1955**

J.V. & Varsity	1 <sup>st</sup> Sem. Girls	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete at the J.V. level depending on their skill level. Shirts, skirts, and warm-up jackets will be issued at the beginning of the season. Players purchase socks, shoes and mouth guards. Though hockey sticks are available, students are encouraged to purchase their own stick. Goalie equipment is available to goalies. There are some weekend tournaments.

### **WATER-POLO 1951/1952**

J.V. & Varsity	1 <sup>st</sup> Sem. Girls	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level depending on their skill level. Freshmen are allowed to compete on the Varsity level. Students will need to purchase team suits and latex caps ordered by coaches. Swim parkas and water polo caps will be issued to students and will be collected at the end of the season. There are afternoon competitions and several tournaments during the season that require Friday/Saturday commitments. Practices are in the early morning and in the afternoons or evenings.

# COURSE DESCRIPTIONS – ATHLETICS

## FALL – (1<sup>st</sup> SEMESTER) – GIRLS (cont.)

### **TENNIS** **1960/1961**

J.V. & Varsity	1 <sup>st</sup> Sem. G	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level depending on their skill level. Freshmen are allowed to compete on the Varsity level. Students will need to purchase a team T-shirt (coaches will order the T-shirt) and provide their own tennis racquet. Tennis skirt will be provided. Competitions are in the afternoons with a possible weekend tournament.

### **VOLLEYBALL** **1957/1958**

J.V. & Varsity	1 <sup>st</sup> Sem. G	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level depending on their skill level. Freshmen are allowed to compete on the Varsity level. Students will be issued uniforms at the beginning of the season or will be asked to purchase the chosen team jersey. Students will have to provide a pair of black biking shorts, knee pads and suitable volleyball shoes. There are weekend tournaments. All league matches are in the evenings.

## FALL – (1<sup>st</sup> SEMESTER) – CO-ED

### **CROSS COUNTRY BOYS/GIRLS** **1953**

Boys F/S & Varsity Girls JV & Varsity	1 <sup>st</sup> Sem. Co-ed	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomore boys may compete on the F/S level. Freshmen are allowed to run on the Varsity team. Students run off campus and at local and regional parks. Uniforms are issued at the start of the season. There are competitions on the weekends and after school. Girls and boys compete on separate teams.

### **Time Commitment for Fall Sports**

\*Football – 2 hours a day, one game a week. Extensive off-season training including summer.

\*Water Polo – 2 hours a day, some morning workouts, two games each week. Tournaments are mostly on Saturdays.

\*Girls' Field Hockey – 2 hours a day, two games a week. Tournaments are on Saturdays.

\*Girls' Tennis – 2 hours a day, two matches a week.

\*Volleyball – 2 hours a day, Practices or tournaments are on Saturdays.

\*Cross Country – 2 hours a day, one meet a week.

## WINTER – (2<sup>nd</sup> SEMESTER) - BOYS

### **BASKETBALL** **1970/1971**

F/S & Varsity	2 <sup>nd</sup> Sem. B	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete on the F/S level. Uniforms will be issued by the coach at the start of the season. Practice will be Monday-Saturday. Practices and games will be held over Thanksgiving and December and February breaks. Games are in the evenings and tournaments on the weekends. Practices are early mornings, afternoons, and evenings.

### **SOCCER** **1964/1965**

F/S & Varsity	2 <sup>nd</sup> Sem. B	Credit – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete at the F/S level. Uniforms will be issued by the coach at the start of the season. Practice will be Monday-Friday. Practices and games will be held over Thanksgiving and winter breaks. There are some weekend tournaments.

## WINTER – (2<sup>nd</sup> SEMESTER) – GIRLS

### **BASKETBALL** **1972/1973**

F/S & Varsity	2 <sup>nd</sup> Sem. Girls	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete at the F/S level. Uniforms will be issued by the coach at the start of the season. Practice will be Monday-Saturday. Practices and games will be held over

# COURSE DESCRIPTIONS – ATHLETICS

## Winter – (2<sup>nd</sup> SEMESTER) – GIRLS (cont.)

Thanksgiving and winter break. Games and tournaments are usually on the weekends.

### **SOCCER 1966/1967**

J.V. & Varsity	2 <sup>nd</sup> Sem. G	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level. Uniforms will be issued by the coach at the start of the season. Practices and games will be held over Thanksgiving and winter break. There are some weekend tournaments.

## WINTER – (2<sup>nd</sup> SEMESTER) –CO-ED

### **WRESTLING 1974**

J.V. & Varsity	2 <sup>nd</sup> Sem. Co-ed	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level depending on their skill level. Wrestlers will be issued singlets, headgear and warm-up suits. Kneepads will be available if needed. Students must purchase their own wrestling shoes and may choose to buy personal headgear. Practice will be Monday-Friday. There are a number of Saturday tournaments. Practices and tournaments will be held over Thanksgiving and winter breaks.

### **Time Commitment for Winter Sports**

\*Boys' and Girls' Basketball – 2 hours a day, including Saturdays, two games a week. Off-season practices are in fall and summer.

\*Boys' and Girls' Soccer – 2 hours a day, two games a week.

\*Wrestling – 2 hours a day, one match a week and tournaments are mostly on Saturdays.

## SPRING – (2<sup>nd</sup> SEMESTER) - BOYS

### **TENNIS 1982/1983**

F/S & Varsity	2 <sup>nd</sup> Sem. B	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete at the F/S level. Freshmen are allowed to compete on the Varsity level. Students will need to purchase a team T-shirt (coaches will order the T-shirts) and have their own tennis racquets. Competitions are in the afternoons with a possible weekend tournament.

### **BASEBALL 1988/1989**

F/S & Varsity	2 <sup>nd</sup> Sem. B	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomores may compete on the F/S level. Uniforms will be issued by the coaches at the start of the season. Games are in the afternoons, evenings, and some weekends. Athletes need to provide protective gear and gloves. (Catcher's gear will be provided by the school.)

### **SWIMMING 1975 DIVING 1977**

F/S & Varsity	2 <sup>nd</sup> Sem. B	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level. Freshmen are allowed to compete on the Varsity level. Students will need to purchase their personal swimsuit. (Coaches will order team suits.) The swimmer must provide swim goggles. Swim parkas will be issued to students and will be collected at the end of the season. There are some weekend meets and afternoon competitions. Morning workouts and a flexible afternoon/evening practice schedule can be required.

## SPRING – (2<sup>nd</sup> SEMESTER) GIRLS

### **SOFTBALL 1986/1987**

J.V. & Varsity	2 <sup>nd</sup> Sem. Girls	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through juniors may compete on the J.V. level depending on their skill level. Freshmen are allowed to compete on the Varsity level. Students will be issued uniforms at the beginning of the season. Students will have to provide socks and

# COURSE DESCRIPTIONS – ATHLETICS

## SPRING – (2<sup>nd</sup> SEMESTER) – GIRLS (cont.)

gloves. (Catcher's gear will be provided by the school.) There are weekend tournaments.

### **SWIMMING 1976 DIVING 1978**

J.V. & Varsity	2 <sup>nd</sup> Sem. Girls	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through seniors may compete on the J.V. level depending on their skill level. Freshmen are allowed to compete on the Varsity level. Students will need to purchase their personal swimsuits. (Coaches will order team suits.) Goggles must be provided by the swimmer. Swim parkas will be issued to students and will be collected at the end of the season. There are some weekend meets and afternoon competitions. Morning workouts and afternoon practices can be required.

### **GYMNASTICS 1989**

J.V. & Varsity	2 <sup>nd</sup> Sem. Girls	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through seniors may compete on the J.V. level depending on their skill level. Leotards, warm-up tops and bags will be issued at the beginning of the season. Gymnasts will purchase tank-top leotards. Freshmen are allowed to compete on the Varsity level.

## SPRING – (2<sup>nd</sup> SEMESTER) CO-ED

### **BADMINTON 1980**

J. V. & Varsity	2 <sup>nd</sup> Sem. Co-ed	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen through senior girls and freshmen through junior boys may compete on the J.V. level depending on their skill level. Freshmen are allowed to compete on the Varsity level. Students will be

issued team shirts and shorts and racquets. Most players purchase their own racquets. There are weekly practices; open gyms are operational during the summer. Matches and practices are scheduled during winter and spring breaks.

### **GOLF CO-ED 1979**

Varsity	2 <sup>nd</sup> Sem. Co-ed	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Freshmen may compete on the Varsity team. No more than 12 players will be selected for the golf team. The home course is Shoreline Golf Course. Students will need their own set of golf clubs and will need to purchase their team golf shirts. Golf bags and golf jackets will be issued to team members and must be returned at the end of the season. A special Transportation by Private Vehicle form must be filled out. Boys and girls practice and compete together but are scored separately.

### **BOYS/GIRLS TRACK 1984**

Boys F/S & Varsity Girls JV & Varsity	2 <sup>nd</sup> Sem. Co-ed	Credits – 5.0
Physical Ed. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
N	Level	

Only freshmen and sophomore boys may compete at the F/S level. Uniforms will be issued by the coaches at the start of the season. There are some weekends involved for invitational track meets. Practices and meets are held throughout both winter and spring breaks.

### **Time Commitment for Spring Sports**

\*Boys' Tennis – 2 hours a day, Matches are twice a week.

\*Baseball – 2 hours a day, or at least 2 games a week including Saturdays.

\*Swimming – 2 hours a day, meets are once a week.

\*Softball – 2 hours a day and games are twice a week.

\*Gymnastics – 2 hours a day, meets are once a week.

\*Badminton – 2 hours a day, including some Saturdays. Matches are twice a week.

\*Golf – 2 hours a day at local golf courses. One match a week.

\*Boys' and Girls' Track and Field – 2 hours a day, meets are once a week.

# COURSE DESCRIPTIONS – AVID

*AVID (Advancement Via Individual Determination) is an internationally recognized program. It is designed to prepare students for entrance into four-year colleges and universities. The mission of AVID is to close the achievement gap by preparing all students for college readiness and success in a global society. AVID provides support to enable students to:*

- *Succeed in rigorous curriculum,*
- *Complete a college preparatory path,*
- *Enter mainstream activities of the school,*
- *Increase their enrollment in four-year colleges, and*
- *Become educated and responsible participants and leaders in a democratic society.*

AVID students enroll in challenging college-preparatory “a-g” courses and in an AVID class. AVID classes at all grade levels emphasize critical reading, analytical writing, inquiry and collaboration. Twice weekly, students engage in inquiry-based tutorial study groups. AVID offers in-class college and career counseling, personal mentoring, as well as opportunities for cultural awareness and leadership development.

## **AVID Freshman 2513**

Grade 9	Y	Credits – 10
Indiv. & Soc.	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See below	Prerequisites	
NCP	Level	

Prerequisites: AVID Coordinator approval and concurrent enrollment in a minimum of four college-preparatory classes.

AVID Freshman is an introduction to Los Altos High School and college. Students learn about high school graduation and college entrance requirements. They are introduced to study skills, such as note-taking, binder organization, test-taking, and time management. They read Sean Covey’s *The 7 Habits of Highly Effective Teens* and practice these strategies for success. They are introduced to colleges and careers as well as cultures and contemporary issues. Twice a week, on tutorial days, students work in study groups, focusing primarily on science and math, to enhance success in college preparatory classes.

## **AVID Sophomore 2514**

Grade 10	Y	Credits – 10
Indiv. & Soc.	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See below	Prerequisites	
NCP	Level	

Prerequisites: AVID Coordinator approval and concurrent enrollment in a minimum of four college-preparatory classes.

AVID Sophomore is a continuation of AVID Freshman. New students are also welcome. Students refine their study skills. They also work on leadership skills, questioning strategies, vocabulary development, critical reading, analytical writing, and public speaking. They also research colleges and careers in more depth. Twice a week, on tutorial days, students work in study groups, focusing primarily on science and math, to enhance success in college preparatory classes.

# AVID – COURSE DESCRIPTIONS

## AVID Junior 2515

Grade 11	Y	Credits – 10
Indiv. & Soc. No No		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
NCP		Level

Prerequisites: AVID Coordinator approval and concurrent enrollment in a minimum of four college-preparatory classes.

AVID Junior is a continuation of the AVID Sophomore program, with a greater emphasis on college readiness. New students are also welcome. Juniors research careers and colleges and begin drafting their college applications and essays. They also prepare in class and out of class for college entrance tests, such as the SAT Reasoning, SAT Subject and ACT exams. Juniors are introduced to strategies designed by the UCs, CSUs and AVID that teach students to integrate critical reading, writing, and research in preparation for college. Students study leaders who are catalysts for change in society while also implementing their own leadership projects. Twice a week, on tutorial days, students work in study groups, focusing primarily on science and math, and also on SAT/ACT preparation.

## AVID Senior 2516

Grade 12	Y	Credits – 10
Indiv. & Soc. No No		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
NCP		Level

Prerequisites: AVID Coordinator approval and concurrent enrollment in a minimum of four college-preparatory classes.

AVID Senior is the culmination of the AVID program. Seniors complete applications and essays for college, financial aid, and scholarships. They study for and take necessary entrance and placement tests and appropriate AP exams. Seniors practice integrating critical reading, writing, and research at the senior level. They prepare for the transition to college, focusing on budgeting and developing four-year plans for college.

Twice a week, on tutorial days, students work in study groups, focusing primarily on science and math, and also on preparing for AP exams and college placement tests.

## AVID Senior Seminar 2511

Grade 12	Y	Credits – 10
Indiv. & Soc. g g		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
CP		Level

AVID Senior Seminar is a UC-approved course meeting the “g” requirement. Students need to be in at least their third year of high school AVID, and they must be in at least one honors, AP or college course in both grade 11 and grade 12.

Students enrolled in AVID Senior Seminar are role models for the AVID program. While AVID Senior Seminar students are integrated into the AVID Senior class, they engage in an additional independent research project.

They complete applications and essays for college, financial aid, and scholarships. They study for and take necessary entrance and placement tests and appropriate AP exams. They practice integrating critical reading, writing, and research at the college level. Twice a week, on tutorial days, students work in study groups, focusing primarily on science and math, and also on preparing for AP exams and college placement tests.

# LOS ALTOS HIGH SCHOOL

## TYPICAL PATHWAYS

### ENGLISH

LEVEL/YEAR	9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
<b>HONORS AND ADVANCED PLACEMENT</b>	Survey of Composition & Literature	World Literature Honors	AP Language & Composition	AP English Literature & Composition
<b>COLLEGE PREP</b>	Survey of Composition & Literature	World Literature	American Literature Survey	English Literature Survey
			Global Connections	Global Connections
				Film Analysis
<b>NON-COLLEGE PREP</b>	Survey Skills *	Creative Views I	Creative Views II (Taken 11 or 12)	Creative Views III (Taken 11 or 12)

\* Requires concurrent enrollment in Survey Comp & Lit (elective credit)

# COURSE DESCRIPTIONS – ENGLISH

The University of California requires 4 years of college-preparatory English that include frequent writing, from brainstorming to final paper, as well as reading of classic and modern literature. No more than one year of ESL-type courses can be used to meet this requirement.

## AMERICAN LITERATURE SURVEY 0536

Grade 11	Y	Credits – 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

Students in this college preparatory course study major works of American literature, focusing on prominent themes in the American experience and discussing the works of famous American writers of the 19<sup>th</sup> and 20<sup>th</sup> centuries. Poetry novels, short stories, dramas, and essays will be used in this course.

## CREATIVE VIEWS I/II/III 0512/0513/1514

Grades 10-12	Y	Credits - 10
English No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

This course is designed to help students improve reading skills (comprehension and vocabulary building), writing skills (clarity, the writing process, and computer use), thinking skills (developing ideas and supporting evidence), study skills (organization and active learning), and sentence sense and correct grammar. As the course progresses, students will also develop confidence in their written and oral communication skills.

## ENGLISH LITERATURE SURVEY 0550

Grade 12	Y	Credits – 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This college preparatory course includes an in-depth study of drama, poetry, fiction, and nonfiction. Written assignments include analytic and creative responses to the literature as well as papers based on personal opinion, experience, and research. Students continue to develop writing and analytical skills in preparation for college level work.

## AP ENGLISH LITERATURE AND COMPOSITION 0552

Grade 12	Y	Credits – 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: Grade of B or above in AP Language & Composition or grade of A- or above in American Literature Survey.

This course emphasizes reading and analysis of literature and writing in a variety of modes. Students will complete the senior project, which includes a hands-on project and a 10-20 page research paper. This is a college-level course, which serves as an equivalent to a freshman year of college English. Students are expected to meet a higher level of performance in the quantity and quality of their assigned work. Students are expected to take the Advanced Placement test in May, and based on their score, students may earn up to a full year of college credit.

## FILM ANALYSIS 0551

Grade 12	Y	Credits – 10
English/Comm. b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This college preparatory course uses a wide variety of feature films and a number of texts on film to teach students film aesthetics and expository writing. Students continue to develop reading, writing and analytical skills in preparation for college level work. As their senior project, students will either write a 10-20 page research paper or create a 15 minute film. Although this meets the U.C. English criteria, some out-of-state schools do not accept this course as college preparatory. If you have concerns, check with the appropriate admissions office.

# COURSE DESCRIPTIONS – ENGLISH

## GLOBAL CONNECTIONS A/B 0540/0541

Grades 11-12	Y	Units - 20**
Eng/Civics/Indiv. & Soc.** a,b,g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

Students in this college preparatory course learn about events and issues from around the world with a particular focus on Asia, Africa, and Latin America. They ask questions which lead them into areas of study such as education, science and technology, religion, history, politics, and the arts. The course allows students to consider questions through multiple perspectives (different disciplines, different cultures or nations, etc.)

Students attend class in a two-period block each day. At least one of these periods is devoted to smaller group (regular class size) discussion. The other period often involves large group instruction that can take the form of teacher presentation, guest speakers, performances, panel presentations, or a multimedia format. A team of teachers working cooperatively teach the two periods.

\*\*Students earn 20 credits in this course. It fulfills graduation requirements in English (10 credits), Civics (5 credits, earned 2<sup>nd</sup> semester), and Individual and Society (5 credits).

## COMP JOURNALISM/ TECHNICAL WRITING 0573

Grades 10-12	Y	Credits - 10
English/Comm./Prac.Arts f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Prerequisites	
CP	Level	

Prerequisites: Application and teacher recommendation.

Students will learn all of the skills necessary to become contributing members of the school newspaper staff, including the gathering, writing, and revision of news stories and editorials. Students manage the paper's business and finances using advanced desk-top publishing technology, solicit advertising, handle distribution, and do all graphics, lay-out, and other design.

## AP LANGUAGE & COMPOSITION 0537

Grade 11	Y	Credits - 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
H	Level	

Recommendations: Grade B or above in World Literature H or grade of A- or above in World Literature.

This course is a study of major American authors, with a specific emphasis on rhetorical analysis, and requires extensive reading, writing, and discussion. This is a college level course, which serves as an equivalent to a freshman year of college English. Students are expected to take the Advanced Placement test in May, and based on their score, they may earn up to a full year of college credit.

## SURVEY OF COMPOSITION AND LITERATURE 0509

Grade 9	Y	Credits – 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

All mainstream ninth-grade students are enrolled in this college-preparatory English course. Students read a variety of works with an emphasis on multi-genre, multi-cultural literary understanding. Students develop writing skills in a variety of modes. Class size is limited to an average of 20-1 when state funding allows.

## SURVEY SKILLS 0507

Grade 9	Y	Credits – 10
English/Comm. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
NCP	Level	

Recommendations: 8<sup>th</sup> grade English Language Arts Teacher recommendation.

This course is designed to support and improve the language arts skills developed in the Survey of Composition and Literature class. Because the student needs extra support to be successful in the corresponding college-preparatory English class, students are recommended for this course on the basis of their reading skills, writing samples, and teacher or parent recommendation. Students taking Skills are always concurrently enrolled in a Survey of Composition and Literature class.

# COURSE DESCRIPTIONS – ENGLISH

## **WORLD LITERATURE 0522**

Grade 10	Y	Credits – 10
English b Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

Students continue to build communication skills, particularly in writing, through their work in this continuation of the college preparatory freshman course. Literacy selections represent a broad range of challenging texts and cultural perspectives.

## **WORLD LITERATURE HONORS 0524**

Grades 10	Y	Credits – 10
English b Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
H		Level

Recommendations: A- or above in Survey of Composition & Literature.

This course is a rigorous study of world literature requiring extensive reading, writing and discussion. Greater independence is expected as students undertake longer and more complex assignments. Students are expected to meet a higher level of performance in the quantity and quality of their assigned work.

# COURSE DESCRIPTION – HEALTH

## HEALTH EDUCATION

1919

Grades 10-12	S	Credits – 5
Health	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

Health education is a continuum of learning experiences that enables students, as individuals and as members of society, to make informed decisions, modify behaviors, and change social conditions in ways that are health enhancing and increase health literacy. The health education standards signify the essential skills and knowledge that all students need to become health literate.

This one-semester course is recommended for the sophomore year. The six Health Education content areas covered are: Alcohol, Tobacco, and Other Drugs; Growth, Development, and Sexual Health; Injury Prevention and Safety—including Red Cross Instruction in First Aid, Mental, Emotional, and Social Health; Nutrition and Physical Activity, and Personal and Community Health. For each Health Education content area students will use the eight Health Standards to achieve health literacy and build essential skills to promote healthy living:

- Learn the essential concepts related to enhancing Health.
- Analyze the internal and external influences of their decisions and strategies, including: social, financial, political, and legal influences.

- Learn how to Access valid Health information, products, and services.
- Use interpersonal communication in positive ways, being assertive, using effective refusal and negotiation skills to enhance Health.
- Study and demonstrate the decision making process to evaluate their choices for each topic.
- Practice goal setting through prediction, implementation, and measurement.
- Practice Health-enhancing behaviors by using coping strategies.
- Participate in activities that support personal, family and community, Health promotion.

A primary goal of the health education standards is improved academic achievement for all students and improved health literacy in California. Four characteristics are identified as essential to health literacy. Health-literate individuals are:

- Critical thinkers and problem solvers when confronting health problems and issues.
- Self-directed learners who have the competence to use basic health information and services in health-enhancing ways.
- Effective communicators who organize and convey beliefs, ideas, and information about health issues.
- Responsible and productive citizens who help ensure their community is kept healthy, safe, and secure.

These four essential characteristics of health-literate individuals are woven throughout the health education standards.

# INDUSTRIAL TECHNOLOGY, INFORMATION SYSTEMS, AND DISTRICT ROP COURSES

Some Industrial Technology classes may be offered for ROP credit. Offerings vary year to year. For other ROP courses offered off campus, see your counselor or refer to subsequent pages in this booklet.

## \*COMPUTER APPLICATIONS 2718

Grades 9-12	S	Credits – 5
Practical Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

Students will learn intermediate and advanced features of Microsoft Office (Word, Excel Spreadsheets, Access Database and PowerPoint) and will be able to competently edit computer graphics. The course covers selected topics in computing including hardware, software, memory, malware, history of computing, the development of the Internet and the role of technology in society.

## \*WEB DESIGN 1708

Grades 9-12	S	Credits – 5
Practical Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

Students will create numerous, Web-based multi-media products. Skills learned include HTML & CSS hard-coding, creating animations, graphic editing, storyboards and applying principals of effective interface e and Web page design. Tools used include Dreamweaver, Flash, PhotoShop, Fireworks and FTP. The course will explore related topics of computing, such as bandwidth, navigation, ad-ware spyware, hardware, software and audience analysis.

**\*Offered at Los Altos High School**

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### DISTRICT COURSES

ROP classes are open to all students regardless of site and availability depending on student needs and funding. To be eligible for these classes, students must usually be juniors or seniors or at least 16 years old. Students enrolling in any ROP course must complete an application for the ROP office. See your counselor for information and an application. Transportation to and from off-campus classes is the responsibility of the student. Access is available on a space-available basis only.

#### ARCHITECTURAL DESIGN 1739

**Mountain View HS**

Grades 10-12	Y	Credits – 10
Fine Art, Elective, Practical Art	HS Graduation Req.	
Yes	Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See above	Prerequisites	
CP	Level	

Architectural Design helps students develop skills in Architectural graphic & design abilities. It also provides an understanding of how visual arts apply to real world problems through the use of a computer-aided design system.

Students are guided through a series of projects using computer aided design (CAD) software. Integrated throughout the course are Computer and Engineering Technology standards that include basic academic skills, communication, interpersonal skills and problem solving. Students will work individually and in teams to solve a variety of design problems assigned by the instructor or jobs developed from the community. This course will allow students to increase their potential of successfully entering and participating in advanced college and/or career programs.

Textbook used: Architecture Drafting & Design

#### \*AUTOMOTIVE TECHNOLOGY 2303

Grades 10-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

The Automotive Technology I program is designed to provide pre-employment training to students for entry-level employment in the automotive service industry. Employment possibilities include parts assembly technician, technician helper, lube technician, tune-up technician and tire changer. This course provides students both theory and hands-on experience in the following areas: shop safety, brakes, automatic transmission, electrical systems, suspension systems, air conditioning/heating and diagnosis and troubleshooting repair procedures. Job search skills, business ethics, appropriate communication skills for the marketplace and job retention skills, including attendance, punctuality and proper work attire will be reinforced at all levels of instruction. Automotive II offers advanced topics in engine performance, carburetors and fuel injection systems. See your counselor for details. Offered at Los Altos High School

#### BROADCAST JOURNALISM 1715

**Mountain View & Fremont HS**

Grades 11-12	Y	Credits – 10
Practical Art		HS Graduation Req.
Pending		Univ. of Calif. Req.
No		Calif. State Univ. Req.
Basic Computer Skills & see above		Prerequisites
NCP		Level

In this TV news course, students will master the basics of three-point lighting, video camera techniques, teleprompts, research, script writing, computer graphics, animation, videotape editing, and performance techniques. They will produce daily and/or weekly broadcasts that will be aired to the students and staff at their school site.

**\*Offered at Los Altos High School**

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### DISTRICT COURSES

#### COMMERCIAL ART/ GRAPHIC DESIGN - ROP

2308

#### Mountain View HS

Grades 9-12	Y	Credits – 10
Fine Art		HS Graduation Req.
Yes		Univ. of Calif. Req.
Yes		Calif. State Univ. Req.
See above & below	Prerequisites	
CP	Level	

Prerequisites: Basic drawing skills.

This course emphasizes the commercial applications of art to graphic design and illustration. Students study design basics and advanced skills as preparation for careers in graphic design. The course incorporates the history of art and design, analysis, interpretation and critiques. Students use a variety of techniques ranging from pen and ink to industry standard computer applications.

Offered at Mountain View and Monte Vista High Schools.

#### COMPUTER INFORMATION TECHNOLOGY Alta Vista HS

Grades 11-12	Y	Credits – 10
Practical Art/ Indiv. & Soc.		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above	Prerequisites	
NCP	Level	

This course is a multifaceted program operating at most locations as a self-paced lab where the student will progress at his or her own rate of speed. A prerequisite of one semester of typing is recommended for most sections. Training is on IBM or Macintosh computers. The student will learn a variety of popular word processing, database, spreadsheet, and graphics software.

#### \*CULINARY ARTS – ROP

2301

Grades 11-12	Y	Credits – 10-20
Practical Art/ Indiv. & Soc.		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above	Prerequisites	
NCP	Level	

This two-semester program with an additional second year of training available prepares students for food production, preparation and service employment in institutional, commercial or independently owned food establishments or other food and hospitality industry occupations. Instruction includes topics such as planning, selecting, storing, purchasing, preparing, testing, serving and selling of quality food and food products. The program includes the basic skills of food service including sanitation, safety, methods of cooking, stocks, soups, sauces, methods of baking, pastry, banquet set up, catering, nutrition, and job preparation. Teaching methods include demonstration, laboratory, and textbook work. Students have an opportunity to cook both individually and in groups and to participate in planning meals. During the second semester students are counseled to participate in "on the job training." On the job training may be completed at fast food restaurants, coffee shop operations, on-site food service, or in independent living retirement centers. This may be followed by actual employment at these sights. This experience has the potential to lead to actual employment opportunities. Offered at Los Altos High School

**\*Offered at Los Altos High School**

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### DISTRICT COURSES

#### \*CULINARY ARTS II – ROP 2300

Grades 11-12	Y	Credits – 10-20
Practical Art/ Indiv. & Soc. No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Prerequisites	
NCP	Level	

Prerequisites: Culinary I or instructor approval.

This course prepares the student to work in the food service industry. The program prepares students with food production, preparation and service skills for employment in institutional, commercial or independently owned food establishments or other food and hospitality industry occupations. Instruction includes topics such as planning, selecting, storing, purchasing, preparing, testing, serving and selling of quality food and food products. Students are expected to meet a higher level of performance in the quantity and quality of their assigned work. The students will learn intermediate level skills, both theoretical and practical, performed in the dining room and kitchen restaurant operations. Teaching methods include demonstration, laboratory and textbook work. Training areas covered in this course will include food service facilities and equipment; quality food purchasing and costing; health and safety regulations and practices; skills in food preparation and service and practical experience in such food service jobs. Integrated throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem solving, safety technology and other employment skills. The full Serve-Safe curriculum and certification is a major emphasis of this course. State law dictates every food facility must have one or more certified employee.

Offered at Los Altos High School

#### ENGINEERING TECH I 2306

##### Mountain View HS

Grades 10-12	Y	Credits – 10
Practical Art, Elective Yes  Yes	HS Graduation Req. Univ. of Calif. Req. – “g credit” Calif. State Univ. Req. – “g credit”	
Pre-Engineering Technology & see above	Prerequisites	
CP	Level	

Engineering I provides hands on instruction in a variety of related technologies. The class surveys different aspects of engineering including the nature of engineering, the design process, computer aided drafting and design, manufacturing materials, basic electricity and electronics, civil engineering and robotics. Problem solving groups will research, design and build projects for practical applications that combine interdisciplinary skills to produce a final product. Projects will include team design

of an engineering drawing, a production plan and technical reports. This course is aligned with the California State Department of Education CET Standards and the University of California expectations for entering freshman. Engineering Technology I is an enriching program that is suitable for students who want to experience and prepare for college and university studies or for future science/engineering careers. It is recommended for Engineering Technology II.

Textbook used: Manufacturing and Automation Technology

#### ENGINEERING TECH II 2311

##### Mountain View HS

Grades 11-12	Y	Credits – 10
Practical Art, Elective Yes  Yes	HS Graduation Req. Univ. of Calif. Req. – “g credit” Calif. State Univ. Req. – “g credit”	
Engineering Technology I & see above	Prerequisites	
CP	Level	

Engineering Technology II is an advanced engineering course designed to expose students to engineering technology careers that students could major in once in college. Areas of major focus will be design and problem solving, CADD, mechanical design, electricity and electronics and civil structures. Students will design projects emphasizing one or more of these fields. Projects are designed to allow students to experience what is necessary to explore a particular topic in depth while making connections with related science and engineering disciplines. Students will demonstrate mastery of content and process by completion and presentation of these long-term projects. Students will be expected to share project results both electronically and during presentations with peers, and/or teachers and community professionals. This course is aligned with the California State Department of Education CET Standards and the University of California Expectations for entering freshman. Engineering Technology II is an enriching program suitable for students who want to experience and prepare for college and university studies or for future science/engineering careers.

Textbook used: Technology Design and Applications

**\*Offered at Los Altos High School**

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### DISTRICT COURSES

#### CONSTRUCTION

#### Alta Vista & Mountain View HS

Grades 11-12	Y	Credits – 10-20
Practical Art No No		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See above		Prerequisites
CP		Level

This course provides students with an overview of the masonry trade including the history and origin of masonry construction, tools and equipment, safety, basic fundamentals of mortar preparation, application, and the use of various masonry products. Lecture and laboratory hours teach students fundamentals of masonry construction, material estimation, and supply the opportunity for skill development.

This course prepares students for entry level positions in the field of masonry, in addition to serving as related instruction for the requirements of the Division of Apprenticeship Standards.

#### STAGECRAFT TECHNOLOGY I & II

1561

#### Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art No No		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

Stagecraft Technology is an instructional program that emphasizes the techniques and processes involved in stage management, prop construction, lighting, the setup and operation of sound systems, and the operation of projection equipment. The program develops basic construction techniques for stage property and scenery; affords practice in stage crew work, which includes the erection and striking of scenery; and provides an overview of related occupations in radio and television.

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### CLASSES OFFERED AT NON-DISTRICT SITES

ROP classes are open to all students regardless of site and availability depending on student needs and funding. To be eligible for these classes, students must usually be juniors or seniors or at least 16 years old. Students enrolling in any ROP course must complete an application for the ROP office. See your counselor for information and an application. Transportation to and from off-campus classes is the responsibility of the student. Access is available on a space-available basis only.

#### ADMINISTRATION OF JUSTICE

##### Homestead HS

Grades 11-12	Y	Credits – 10-20
Practical Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

This course will help the students acquire basic knowledge of the law enforcement profession. This program is an articulated, feeder program to community college police science programs. In the course of one year, the students will gain a thorough knowledge of the role of the police in society, including crime evidence, laws of arrest and overall protection objectives. Successful completion of this training will provide you with a good background for acceptance into police training programs offered at community colleges. Offered at Homestead High School.

#### ADVANCED MULTI-MEDIA TECHNOLOGIES

##### Homestead High School

Grades 11-12	Y	Credits – 10-20
Practical Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

This course is designed to provide students with advanced skills in a wide variety of multimedia applications in use in today's internet, video, digital and publishing industries. Emphasis will be placed on career preparation skills associated with printed and electronic media such as web pages, magazine and newspaper advertisements, composite photography, video editing, 3D rendering and business presentations.

#### ADVANCED VISUAL COMMUNICATIONS

##### Lynbrook HS

Grades 11-12	Y	Credits – 10-20
Practical Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

Students will focus on building their personal portfolio and gain entrepreneurial skills required to become a successful artist. Advanced Visual Communications coordinates 2-D and 3-D studio work and cultural studies together with an emphasis on careers in the art field. Selected cultures of Meso-American, Italian, German, French, Middle Eastern and Asian art will be introduced and students will produce projects that relate to each unique culture to be included in their portfolio. Language and cultural studies will be taught on a daily basis so as to appreciate historical and cultural differences. The art elements and principles of design composition serve as a foundation for each unit covered and attention will be given to visual studio work. Students will gain knowledge and an appreciation for various art forms and entrepreneurship skills that will lead to a successful career in the visual communications field.

#### ATHLETIC TRAINING/SPORTS MEDICINE

##### Fremont High School

Grades 11-12	Y	Credits – 10-20
Practical Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

This program is designed to educate students in the field of Sports Medicine and other allied health professions. The field of Sports Medicine will be explored, including care and prevention of injuries, protective taping and wrapping techniques, stretching methods, overall wellness and basic anatomy and physiology. Additional hours outside the classroom to further enhance student learning will give another method of evaluating student progress.

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### CLASSES OFFERED AT NON-DISTRICT SITES

#### **AUTOMOTIVE TECHNOLOGY I & II** Fremont, Homestead, Gunn & Palo Alto HS DeAnza Community College

Grades 11-12	Y	Credits – 10-20
Practical Art No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

The Automotive Technology I program is designed to provide pre-employment training to students for entry-level employment in the automotive service industry. Employment possibilities include parts assembly technician, technician helper, lube technician, tune-up technician and tire changer. This course provides students both theory and hands-on experience in the following areas: shop safety, brakes, automatic transmission, electrical systems, suspension systems, air conditioning/heating and diagnosis and trouble-shooting repair procedures. Job search skills, business ethics, appropriate communication skills for the marketplace and job retention skills, including attendance, punctuality and proper work attire will be reinforced at all levels of instruction. Automotive II offers advanced topics in engine performance, carburetors and fuel injection systems.

#### **BIOTECHNOLOGY I** Gunn & Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

#### **UC Approved**

This course prepares students for careers involving laboratory sciences and the biotechnology industry (Health Services Cluster). Students learn procedures and laboratory skills that will make them effective lab technicians. Topics covered include DNA manipulation and micropipetting, proper washing and sterilizing procedures, plating and culturing techniques. Sound laboratory instruction and safety will be stressed. Students will learn to read protocols and do technical writing, use resources and work in team-based learning. Background material regarding DNA methods and usefulness, science and societal issues will be considered, and each student will produce a portfolio. Career paths and opportunities for further education will be explored through associations with industry mentors and field trips to local lab sites.

#### **BROADCAST JOURNALISM** Mountain View & Fremont HS

Grades 11-12	Y	Credits –10
Practical Art Pending No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
Basic Computer Skills & see above	Prerequisites	
NCP	Level	

In this TV news course, students will master the basics of three-point lighting, video camera techniques, teleprompts, research, script writing, computer graphics, animation, videotape editing, and performance techniques. They will produce daily and/or weekly broadcasts that will be aired to the students and staff at their school site.

#### **COMMERCIAL ART/GRAPHIC DESIGN** Monta Vista HS

Grades 11-12	Y	Credits – 10-20
Practical Art No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

Students in this program will be provided with classroom and hands-on experience with paste-up, layout, lettering, illustration, and production of mock-up ads, logos and brochures for newspapers and small businesses. Commercial art teaches commercial production techniques needed for newspaper, print shop, or publishing work.

#### **COMPUTER GRAPHIC ARTS** Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art No No	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See above	Prerequisites	
NCP	Level	

This instructional program prepares individuals to design and execute layouts and make illustrations for advertising CD cases, DVD cases and company logos. It includes instruction in the preparation of copy; lettering, poster, package, and product design; using Adobe software products such as Illustrator, Photoshop and InDesign.

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### CLASSES OFFERED AT NON-DISTRICT SITES

#### **COSMETOLOGY** **Monterey Academy**

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

Cosmetology provides 1600 hours of training in the necessary manipulative techniques and theoretical background required to qualify for admission to the State Board of Cosmetology exam. Students learn techniques in manicuring; hair coloring, cutting, styling, and treatment; facials and skin care; and salon management and customer relations. Offered at Monterey Academy of Cosmetology in Santa Clara.

#### **DIGITAL DESIGN: ANIMATION** **Fremont HS**

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
CP		Level

#### **UC Approved**

Digital Design: Video and Animation is comprehensive program which combines the fundamentals of design with the art of filmmaking. Students will study the history and art of filmmaking and animation. The impact of film and television on society will also be examined. By the end of the course, students will be able to work individually or within a team to compose a treatment, script and storyboard leading to the production of a video and animation project. A portfolio will be generated that can be used to demonstrate their abilities for college entrance or employment in the visual arts field.

#### **ENGINEERING-ADVANCED** **Monta Vista HS**

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

This course will help students prepare to join today's technical workforce by using team problem-solving techniques, documenting experiments in a notebook, and demonstrating professional language, behavior, and attire. This course will teach students how to conduct their own research on topics of interest, culminating in a competition research paper. Projects follow the "Hands-On-Minds On" philosophy. Students generate their own engineering projects by following the '7 Step Engineering Process' and enter it in a competitive engineering fair.

#### **JAVA PROGRAMMING** **Fremont HS**

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
CP		Level

#### **UC Approved**

This course is designed to introduce students to study and writing of computer programs with emphasis on understanding and solving problems. We will study the Java language, emphasizing on Internet programming. Students will learn structured as well as object-oriented methods of programming. Analytical thinking skills and logic as well as elementary study of digital computer hardware are included. Student will develop the ability to design a well-structured, documented and tested program. Course is recommended for college bound students planning on business, math or science majors or for the student preparing for an AP Computer Science course or Scientific Research & Technical Services.

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### CLASSES OFFERED AT NON-DISTRICT SITES

#### JOURNALISM Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
CP		Level

Journalism students will expand their English/Language Arts and Visual Arts skills through creating and publishing the school newspaper. Students are required to use instructional time to participate in multi-week writers workshops to write assignments for the newspaper and other class projects. Students will foster habits of clear, concise, written expression and develop the ability to write interestingly per state curriculum guidelines of the California Basic Educational Data System (2.1.1.1 *Journalism*). The course improves students' use of grammar, spelling, punctuation, sentence and paragraph form, style, and structure and trains in the techniques of interviewing and research. Students will read and then practice varied forms of journalistic literature including persuasive editorials, critical reviews and analyses, objective summary and in-depth presentation of both global and local news issues, along with sports stories and other forms of literary journalism. Students learn laws and ethical standards related to journalism and visual communication and will be required to analyze both their own and professional samples against these standards.

#### STAGECRAFT TECHNOLOGY I & II 1561 Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

Stagecraft Technology is an instructional program that emphasizes the techniques and processes involved in stage management, prop construction, lighting, the setup and operation of sound systems, and the operation of projection equipment. The program develops basic construction techniques for stage property and scenery; affords practice in stage crew work, which includes the erection and striking of scenery; and provides an overview of related occupations in radio and television.

#### TECHNICAL WRITING Cupertino, Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

This course is an expansion of office computing, incorporating the use of a computer-based system and software with graphic capabilities to produce publication materials. Students will integrate typeset text and graphics on the page using accepted writing, publication and presentation techniques. This course is designed to prepare students for entry-level employment in the newspaper-publishing field. Students will produce desktop-published camera/copy ready masters for reproduction.

#### TRAINING FOR TRANSITION Cupertino, Homestead, Fremont HS VA Hospital

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

This is a program (up to two years) for adolescent students in special education aged 16 to 21. The importance of community-based and on-the-job training is an effective means of developing solid job skills and exploring career options. We utilize the classroom in conjunction with job sites to expose the student to work opportunities. The students receive school credits toward their graduation. This is a course study – the program is broken into three (3) stages as follows:

- A. Classroom Instruction
- B. Community Classroom
- C. Cooperative Vocational Education

# COURSE DESCRIPTIONS

## REGIONAL OCCUPATIONAL PROGRAM (ROP)

### CLASSES OFFERED AT NON-DISTRICT SITES

#### TV/FILM VIDEO Fremont & Homestead HS

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

This course will prepare the student to work in the audio-video production and multimedia industry by producing streamed audio and video on the Internet using digital and advanced animation production techniques. Work-based learning and special projects will provide experience with multi-camera coverage, post-production, and animation support services, and a range of industry applications.

#### VIDEO GAME PROGRAMMING Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

This course gives a basic entry level overview of the skills required to design and build a video game from start to finish, progressing from designing documents to storyboards, character design and 3D modeling, and finally integrating the 3D models into a game engine.

#### WEB DESIGN/MULTI MEDIA TECHNOLOGY Fremont HS

Grades 11-12	Y	Credits – 10-20
Practical Art		HS Graduation Req.
No		Univ. of Calif. Req.
No		Calif. State Univ. Req.
See above		Prerequisites
NCP		Level

This course is designed to teach students the basic skills used in web page design. The class will focus on web page planning, basic design, layout and construction (effective and ineffective), set-up and maintenance of a web site, HTML, DHTML, JavaScript and various other web page and image creation tools.

# LOS ALTOS HIGH SCHOOL

## TYPICAL PATHWAYS

### MATHEMATICS

LEVEL/YEAR	9 <sup>TH</sup> GRADE	10 <sup>TH</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE
<b>HONORS AND ADVANCED PLACEMENT</b>	Geometry Honors	Algebra II Honors	Trigonometry/ Math Analysis Honors	AP Calculus AB AP Calculus BC AP Statistics
<b>COLLEGE PREP</b>	Geometry 9	Algebra II	Trigonometry/ Math Analysis	Calculus AP Calculus AB AP Calculus BC AP Statistics
	Algebra 9	Geometry Geometry Alternative Path	Algebra II	Trigonometry/ Math Analysis
	Algebra I Enhanced*			

\*These courses are two period classes (10 Algebra credits and 10 elective credits) designed to provide additional support.

# COURSE DESCRIPTIONS – MATHEMATICS

The University of California requires 3 years and recommends 4 years of college-preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades if the high school accepts them as equivalent to its own courses.

## ALGEBRA 9 0136

Grade 9	Y	Credits - 10
Elective c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This course is for 9<sup>th</sup> grade students who have an ability to understand abstract mathematical concepts. Topics covered include basic operations and properties of the real number system, linear and quadratic equations and inequalities, and basic coordinate geometry of lines. Also studied are systems of equations in two (2) variables, properties of exponents, rational expressions, irrational numbers and radicals, and word problems related to the above topics.

## ALGEBRA I 0137

Grades 10-12	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

The curriculum is the same as Algebra 9 above.

## ALGEBRA I Enhanced 0139

Grades 9-12	Y	Credits - 20
Elective Yes Yes	HS Graduation Req.(10 credits) Univ. of Calif. Req.(10 credits) Calif. State Univ. Req.(10 credits)	
See below	Recommendations	
NCP	Level	

Recommendations: 8<sup>th</sup> grade math teacher recommendation. Students are recommended for this course on the basis of their math skills and teacher or parent recommendation.

The course meets two periods a day and is designed for the student that has struggled in mathematics classes. In addition to the Algebra I curriculum, numeracy, problem solving and basic math skills are a focus of this class.

## ALGEBRA II 0155

Grades 10-12	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: C- or above in Geometry.

Algebra II expands and develops the study of the topics learned in Algebra I. New topics covered include sequences and series; complex numbers; and logarithmic, exponential and polynomial functions. Students are also introduced to conic sections, systems of equations involving more than two variables, permutations, combinations, and probability.

## ALGEBRA II HONORS 0156

Grades 10-12	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
H	Level	

Recommendations: A- or above in Geometry or B or above in Geometry H.

This course is designed for students with a high level of interest and ability in mathematics. All topics listed for Algebra II are covered. As time permits, students also study trigonometry and circular functions and equations, linear programming, linear algebra, and mathematical induction.

## CALCULUS 0168

Grades 11-12	Y	Credits - 10
Mathematics c, g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

Recommendations: C- or better in Trigonometry/Math Analysis or Trigonometry/Math Analysis Honors.

This course covers the fundamental concepts (limits, derivatives and integrals) of calculus with applications. Students enrolled in this class are not expected to take the Calculus AP exam, but will be well prepared for a college level class in calculus.

# COURSE DESCRIPTIONS – MATHEMATICS

## AP CALCULUS AB 0169

Grades 11-12	Y	Credits - 10
Mathematics c, g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: B- or above in Trigonometry/Math Analysis Honors or A or above in Trigonometry.

This course meets the needs of students preparing for advanced study in college mathematics, science, or engineering. Major areas of study cover limits, functions, and the development of the differential and integral calculus of functions in one variable. The course prepares students to take the Advanced Placement Calculus AB examination.

## AP CALCULUS BC 0170

Grades 11-12	Y	Credits - 10
Mathematics C,G Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: B- or above in Trigonometry/Math Analysis Honors or A or above in Trigonometry.

Calculus BC is recommended for students who have a thorough knowledge of elementary functions, college preparatory algebra, geometry, and trigonometry. Calculus BC is considerably more extensive and more challenging than Calculus AB. Students are prepared to take the Advanced Placement Calculus BC examination.

## GEOMETRY - Alternative Path 0153

Grade 9	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

The curriculum is the same as Geometry 9, but does not deal as much in the realm of proof and emphasizes geometry using a lot of Algebra I skills.

## GEOMETRY 9 0149

Grade 9	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: C- or above in Algebra I.

This course involves the formal development of geometric skills and concepts necessary for students who will take Algebra II and other advanced courses in math. The instructional program will include consistent use of Algebra I concepts, exploratory development and demonstration of the nature of proof through logical arguments, geometric transformations, and use of problem solving skills in the development of geometric concepts. Properties of triangles, quadrilaterals, other polygons, circles, and polyhedral will be explored. The trigonometry of right triangles will also be studied.

## GEOMETRY 0150

Grades 10-12	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: C- or above in Algebra I.

The curriculum is the same as Geometry 9 above.

## GEOMETRY HONORS 0151

Grades 9-12	Y	Credits - 10
Mathematics c Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
H	Level	

Recommendations: A- or above in Algebra I.

This course is designed for students with a high interest and ability in mathematics. In addition to covering the regular geometry curriculum in greater depth, students will also study transformations, introductory trigonometry, and non-Euclidian geometry. Strong emphasis is placed on proofs and the application of algebra to geometry including coordinate geometry.

# COURSE DESCRIPTIONS – MATHEMATICS

## MATH MASTERY 0104

Grades 9-12	Y	Credits - 10
Elective Yes Yes	HS Graduation Req.(10 credits)	
See below	Recommendations	
NCP	Level	

Recommendations: 8<sup>th</sup> grade math teacher and MAPS testing scores.

Elective Credit

This course is designed for students to gain necessary math skills and problem solving strategies to become ready for Algebra I. Topics covered are whole numbers, fractions and decimals, integers and rational numbers, ratios, rates proportions and percents and algebraic thinking. The goal is Algebra readiness with a focus on mathematical language.

## AP STATISTICS 0173

Grades 10-12	Y	Credits - 10
Mathematics c, g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations:

C- or above in Trigonometry/Math Analysis or B- or higher in Algebra II or Algebra II Honors.

This course meets the needs of students who wish to complete studies in a secondary school equivalent to a one-semester, introductory, non-calculus based college course in Statistics. Major areas of study cover exploring data, planning a study, and anticipating patterns in advance and statistical inference. This course prepares students to take the Advanced Placement Statistics Exam.

## TRIGONOMETRY/ MATH ANALYSIS 0162

Grades 11-12	Y	Credits - 10
Mathematics c, g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: C- or above in Algebra II.

This course is designed for mathematically talented students planning careers in science, mathematics, or engineering who will take calculus in high school or college. Concepts studied include trigonometry, limits, vectors, functions, complex numbers, elementary probability theory, polar coordinates, exponential and logarithmic equations. Equations of lines and planes are also emphasized. Also included are introduction to calculus, statistics, and fractals.

## TRIGONOMETRY/ MATH ANALYSIS HONORS 0163

Grades 11-12	Y	Credits - 10
Mathematics c, g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
H	Level	

Recommendations: B or above in Algebra II H or A- or above in Algebra II.

This course is designed for students with a great deal of interest and ability in mathematics. It covers regular trigonometry and advanced topics in algebra, analytical geometry, limits, and an introduction to calculus materials in greater depth. Students who are successful in this course may go on to take AP Calculus AB or AP Calculus BC.

# COURSE DESCRIPTIONS – PERFORMING ARTS

The University of California requires one year of fine/performing arts. One yearlong course of visual and performing arts chosen from the following: dance, drama/theater, music or visual art. All full-year performing arts courses (except those associated with Marching Bands) meet this requirement.

## ACTING I 1559

Grades 9-12	Y	Credits – 10
Fine Art f	HS Graduation Req. Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This course introduces students to the fundamentals of acting technique, including physical theater and mime, improvisation, vocal projection and articulation, scene and monologue performance, play reading and analysis, reviewing live performance, and writing and performing original work. The course also introduces rudimentary concepts of technical theater and design. The class involves some performances for "outside" audiences, both during school and in the evenings.

## ACTING II 1560

Grades 10-12	Y	Credits – 10
Fine Art/Comm. f	HS Graduation Req. Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See below	Prerequisites	
CP	Level	

Prerequisites: Audition and director recommendation.

Acting II continues and extends the skills developed in Acting I or Performance Workshop but functions primarily as a performance workshop. During the year, students in Acting II prepare two to three plays for production. The plays are rehearsed in class, but students are expected to be available for performances outside of class time. Commitment to intense work on production projects is mandatory for students in this class.

## AUXILIARY UNIT 1530

Grades 9-12	S	Credits – 5
Fine Art No	HS Graduation Req. Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See below	Prerequisites	
NCP	Level	

Prerequisites: Audition and director recommendation.

This course is more commonly known as "Color Guard". Students are not required to be musicians, but they perform with the Marching Band and must meet all of the obligations of that group.

## CHAMBER ENSEMBLE 1538

Grades 10-12	Y	Credits – 10
Fine Art f	HS Graduation Req. Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See below	Prerequisites	
CP	Level	

Prerequisites:  
Director recommendation/audition.

This course is for the advanced string player (violin, viola, cello, and string bass) by audition only. All styles of traditional and contemporary music are studied and performed at several concerts and festivals during the year. Evening and weekend performances are required.

## CHORALE 1503

Grades 9-12	Y	Credits – 10
Fine Art f	HS Graduation Req. Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

Chorale is beginning to intermediate offered to girls in the sophomore to senior years and boys in the freshman to senior years. Emphasis is placed on refinement of tone, intonation, balance, and blend—all necessary ingredients in high quality ensemble singing. Ear training and music theory are introduced and developed through rehearsal and performance of compositions of different musical styles and periods. Great emphasis is placed on the development of vocal technique and tone production.

## CONCERT CHOIR 1505

Grades 9-12	Y	Credits – 10
Fine Art No	HS Graduation Req. Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See below	Prerequisites	
CP	Level	

Prerequisites: Audition and director recommendation.

This is an advanced mixed voice ensemble dedicated to the study and performance of unique and demanding choral works for mixed voices. While addressing issues of vocal technique and musicianship, Concert Choir rehearses literature to be performed by the Choral Union. This group rehearses on Thursdays during zero period and Fridays during lunch. This course involves a moderately demanding performance schedule and an intermediate level of individual commitment.

# COURSE DESCRIPTIONS – PERFORMING ARTS

## GIRLS ENSEMBLE 1501

Grades 9-12	Y	Credits – 10
Fine Art f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

Girls Ensemble is a beginning (entry level) choral offered for all girls. Emphasis is placed on the refinement of tone, intonation, balance, and blend - all necessary ingredients in choral singing. Basic ear training and music theory are introduced and developed through rehearsal and performance of compositions of different musical styles and periods specific to female voices. Great emphasis is placed on the development of singing technique and tone production.

## GIRLS' 21 1507

Grades 10-12	Y	Credits – 10
Fine Art f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
CP		Level

Prerequisites: Audition and director recommendation.

This is an advanced treble ensemble dedicated to the study and performance of unique and demanding choral works for women's voices. While addressing issues of vocal technique and musicianship, Girls' 21 rehearses literature to be performed by the Choral Union. This group rehearses three mornings before school and two lunch periods each week. This course involves a moderately demanding performance schedule and a high level of individual commitment.

## JAZZ DANCE 1916

Grades 10-12	Y	Credits – 10
Fine Art/P.E. f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

In this course, students learn the skills and techniques for jazz, modern, ballet, and Broadway show dance. The class involves physical development while providing musical training and artistic development. Students gain poise, grace, and rhythm as a result of taking this class.

## JAZZ DANCE - ADVANCED 1917

Grades 10-12	Y	Credits – 10
Fine Art/P.E. f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
CP		Level

Prerequisites: Audition and teacher recommendation.

A challenging, fast-paced technique class for advanced dancers. Emphasis is placed on refining and perfecting dance techniques, creative choreography, and performance. Participating in dance performances and fundraisers each year is required. May be repeated for credit.

## JAZZ ENSEMBLE 1540

Grades 9-12	Y	Credits – 10
Fine Art f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
CP		Level

Prerequisites: Audition and director recommendation.

This is an advanced instrumental ensemble. It explores a variety of jazz styles such as swing, funk, rock, Latin, bebop, and improvisation. Freshmen wishing to enroll in Jazz Ensemble are encouraged to first enroll in Concert Band to improve their musicianship skills. This class begins second quarter through fourth quarter.

## MAIN STREET SINGERS 1519

Grades 10-12	Y	Credits – 10
Fine Art f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
CP		Level

Prerequisites: Audition and director recommendation.

This advanced, mixed choral ensemble is dedicated to the study and performance of unique and demanding choral literature for chamber groups. In addition to addressing issues of vocal production, technique, and musicianship skills, the Main Street Singers pursue an ambitious agenda of performances and touring during the school year. Students chosen to participate in this challenging group are selected on the basis of their commitment and musical talent.

# COURSE DESCRIPTIONS – PERFORMING ARTS

## MARCHING BAND 1529

Grades 9-12	S	Credits – 5
Fine Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See below	Recommendations	
NCP	Level	

Recommendations: Basic instrumental proficiency. (Color Guard excepted.)

This class meets before school every day, after school twice a week, and some Saturday practices and/or performances. The Marching Band will meet less frequently during second quarter as detailed in the schedule given to students at the beginning of the school year. Performances are required. Students are expected to attend a summer camp preceding the beginning of school. The Marching Band performs at home football games, band competitions, and community events. Because most activities associated with Marching Band occur during the first quarter, students are encouraged to enroll in another, year-long musical group such as Symphonic Band, Wind Ensemble, Jazz Ensemble, or Orchestra. Sophomores may receive 2.5 physical education credits instead of fine art credits.

## ORCHESTRA 1544

Grades 9-12	Y	Credits – 10
Fine Art	HS Graduation Req.	
f	Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See below	Prerequisites	
CP	Level	

Recommendations: Students must play a standard stringed instrument (violin, viola, cello, or double bass).

This class is designed for qualified string players (violin, viola, cello, or upright bass) emphasizing the works of the great composers and utilizing a wide variety of musical styles. This course is open to students of medium to advanced ability. Orchestra meets as a string ensemble during the day. Some evening rehearsals throughout the year will be required. Winds may be added for special performances. Several performances, evening rehearsals, and festivals will be required.

## SYMPHONIC BAND 1533

Grades 9-12	Y	Credits – 10
Fine Art	HS Graduation Req.	
f	Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Intermediate instrumental proficiency.

This is an advanced band that meets every day. Students explore standard music for band including the Marching Band literature during the first nine weeks of school. Evening and weekend performances are required.

## VARSITY MEN'S GLEE 1515

Grades 9-12	S	Credits – 5
Fine Art	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

This course provides high school gentlemen an opportunity to sing in a choral ensemble that meets two lunch periods per week. This course addresses issues regarding tone production, vocal technique, and general musicianship. Varsity Men's Glee rehearses its own literature and works to be presented by the Choral Union.

## VOICE 1517

Grades 10-12	Y	Credits – 10
Fine Art	HS Graduation Req.	
f	Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See below	Prerequisites	
NCP	Level	

Prerequisites: Recommendation of the director.

This class addresses the individual and his or her special needs as they pertain to the solo singer. Emphasis is on tone production, breathing, diction, interpretation, and general musicianship.

# COURSE DESCRIPTIONS – PERFORMING ARTS

## WIND ENSEMBLE

1535

Grades 10-12	Y	Credits – 10
Fine Art f Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Prerequisites	
CP	Level	

Prerequisites:

Director recommendation/audition.

This course is for the more advanced instrumentalist by audition only. All styles of traditional and contemporary music are studied and performed at several concerts and festivals during the year. Evening and weekend performances are required.

# COURSE DESCRIPTIONS – PHYSICAL EDUCATION

## GRADE 9 PE 10001/10003

Grade 9	Sem.	Units – 5
Physical Ed.	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
N	Level	

Individual and dual activities, rhythms/dance and aquatics:

Grade 9 will meet the California State Standards for Physical Education through individual and dual activities, such as badminton, tennis, pickle ball, track and field, fitness, golf, rhythms and dance and aquatics. These units are designed to develop self-awareness and a desire to learn life-long skills for maintaining personal fitness. Students will take the mandatory California State Fitness Test and need to pass five out of six tests.

## GRADE 10 PE 10002/10004

Grade 10	Sem.	Units – 5
Physical Ed.	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
N	Level	

Team activities, gymnastics and combatives:

Grade 10 will meet the California State Standards for Physical Education through gymnastics and combatives, as well as team activities such as soccer, football, volleyball, basketball, ultimate Frisbee, field hockey, softball, team handball, and lacrosse. These units are designed to develop self-awareness and a desire to learn life-long skills for maintaining personal fitness.

## JAZZ DANCE 1916

Grades 11-12	Y	Credits – 10
Fine Art/P.E.	HS Graduation Req.	
f	Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

In this course, students learn the skills and techniques for jazz, modern, ballet, and Broadway show dance. The class involves physical development while providing musical training and artistic development. Students gain poise, grace, and rhythm as a result of taking this class. May be repeated for credit.

## JAZZ DANCE - ADVANCED 1917

Grades 11-12	Y	Credits – 10
Fine Art/P.E.	HS Graduation Req.	
f	Univ. of Calif. Req.	
Yes	Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Prerequisites: Audition and teacher recommendation.

A challenging fast paced technique class for advanced dancers. Emphasis is placed on refining and perfecting dance techniques, creative choreography, and performance. Participating in dance performances and fundraisers each year is required. May be repeated for credit.

## ATHLETICS – Fall, Winter and Spring Sports

Also see COURSE DESCRIPTIONS - ATHLETICS

### Fall Sports

Girls' Volleyball, Cross Country, Girls' Tennis, Boys' and Girls' Water Polo, Football, and Girls' Field Hockey.

All fall sports start a week before school and run approximately through the second week of November. Each sport practices every day for two hours.

### Winter Sports

Boys' and Girls' Basketball, Boys' and Girls' Soccer, and Wrestling.

All winter sports start the final Monday in October and run through the second week of February. Each sport practices every day for two hours.

### Spring Sports

Badminton, Boys' Golf, Boys' Tennis, Boys' and Girls' Track and Field, Boys' and Girls' Swimming, Boys' Lacrosse, Baseball, Softball, and Girls' Gymnastics.

All spring sports start the final Monday in January and run through the first week of May. Each sport practices every day for two hours.

# LOS ALTOS HIGH SCHOOL

## TYPICAL PATHWAYS

### SCIENCE

LEVEL/YEAR	9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
HONORS AND ADVANCED PLACEMENT	Biology Honors	Chemistry Honors	Physics Honors/AP Physics	AP Physics
			AP Biology	AP Science
			AP Chemistry	
			AP Environmental Science	
COLLEGE PREP	Earth Science	Biology	Chemistry	Physics
	Biology	Chemistry	Physics	Forensics (Grade 11 or 12)
				AP Science
NON-COLLEGE PREP	Integrated Science I	Integrated Science II		

# COURSE DESCRIPTIONS – SCIENCE

The University of California requires two years and recommends three years of laboratory science providing fundamental knowledge in two of the following subject areas: biology, chemistry and physics. Advanced placement (AP) courses in science are taught as second-year subject courses and are recommended for students who have successfully completed the first-year honors level course.

## **BIOLOGY 0329**

Grades 9-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Concurrent enrollment in Geometry

This course involves the study of life and the inter-relationships that exist among all living organisms and their environment. The teaching of biological concepts involves the completion of laboratory experiments, lecture/discussions, videos, projects, and reading assignments. Biology is a course for students intending to take more advanced science courses and plan to attend a four-year college.

## **BIOLOGY HONORS 0331**

Grades 9-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Concurrent enrollment in Geometry Honors

Biology is the study of living organisms. This course is designed to help the student better understand the relationships between organisms and their environment. It will be conducted at an advanced rate compared to general biology and students are expected to work accordingly. Topics covered in this college preparatory biology course include: the nature of science, the classification and characteristics of living things, biochemistry and energetics, cell structure and function, evolution, Mendelian and molecular genetics, plant and animal systems, and ecology. An inquiry-based method of learning is used as well as reading, note taking (lectures and book), lab experiments, and group/class discussions. Student will participate in a science fair and complete a 2<sup>nd</sup> semester project.

## **AP BIOLOGY 0332**

Grades 10-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: Grades of A- or above in Biology Honors and Chemistry Honors

This second year biology course is designed to be equivalent to a general biology course taken in the first year of college. The three areas of study will be: a) molecules and cells, b) genetics and evolution, and c) organisms and populations. In addition to submitting reports on the intensive labs that accompany each unit, students will be spending considerable time on individual research projects. The intent of this course is to prepare students to take the Advanced Placement Biology examination in May, and it is the expectation of the instructor that all students enrolled will take the exam.

# COURSE DESCRIPTIONS – SCIENCE

## CHEMISTRY 0347

Grades 10-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Concurrent enrollment in Algebra II or higher

Chemistry is a course designed to develop student understanding of the basic concepts and techniques of general chemistry. Topics include the atomic structure, stoichiometry, solution chemistry, kinetic molecular theory, and acid-base reactions. This course emphasizes mastering techniques of chemical exploration through regular laboratory exercises and the application of principles in group activities. An adequate level of problem solving skills, reflected by his/her mathematics background, is required for success.

## CHEMISTRY HONORS 0349

Grades 10-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Concurrent enrollment in Algebra II Honors or higher

Chemistry Honors is a course designed to develop an in-depth and detailed understanding of the nature of matter. Through lectures, weekly labs, homework, and projects, we focus on strengthening logical reasoning processes, enhancing problem solving strategies, and developing skills in organizing the products of scientific thought and experimentation into coherent reports. The fundamental concepts of chemistry are covered as well as advanced topics in quantitative analysis, nuclear chemistry, organic chemistry, and oxidation-reduction reactions.

## AP CHEMISTRY 0350

Grades 10-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: Concurrent enrollment in Trigonometry/Math Analysis; grades of A- or above in Biology Honors and Chemistry Honors

This is a second year chemistry course designed to be the equivalent of a general chemistry course in the first year of college. Topics include: atomic theory and structure, periodic relationships, nuclear chemistry, thermodynamics, states of matter, reactions types, equilibrium, kinetics, laboratory measurements, and descriptive chemistry. The intent of this course is to prepare students to take the Advanced Placement Chemistry examination in May, and it is the expectation of the instructor that all students enrolled will take the exam.

# COURSE DESCRIPTIONS – SCIENCE

## PHYSICS 0365

Grades 11-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Concurrent enrollment in Trig/Math Analysis or higher

The focus of this course is to introduce students to the fundamentals of classical physics. Topics to be studied in this course include kinematics, Newton's laws of motion, circular motion, energy, impulse & momentum, thermodynamics, wave phenomenon, electrostatics, dc circuits, magnetism and electromagnetic induction. Students will use algebra, right triangle trigonometry and concepts in physics to build mathematical models designed to make predictions of naturally occurring phenomenon. Laboratory activities will be performed to verify theoretical predictions. Instructional approaches include lectures, demonstrations, laboratories, class discussions, student worksheets, homework sets, quizzes, tests, student projects and possibly guest speakers or field trips.

## AP PHYSICS B 0366

Grades 11-12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: Concurrent enrollment in Trig/Math Analysis or higher; A- or better in Chemistry Honors

This is an introductory course in which students learn the fundamental laws of physics and how they govern our lives. Students complete various experiments and activities, including computer-based labs, problem sets and semester projects. Students gain both a mathematical and conceptual understanding of the basic laws of physics. Topics include: mechanics waves, sound light, electricity, and magnetism. Physics Honors differs from Physics in that certain topics will be covered in greater depth. Students are expected to have a stronger mathematical background.

## AP PHYSICS C 0369

Grade 12	Y	Credits – 10
Science d Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: Concurrent enrollment in Calculus and completion of Physics, Physics Honors or AP Physics B

This is a second year, calculus based physics course designed to be the equivalent of a general physics course taken in the first semester of college by physical science or engineering majors. This course is designed to prepare students to pass the College Board's AP Physics C - Mechanics exam in May. It is expected that all students who enroll in AP Physics will take the AP exam. Topics include: kinematics, Newton's laws of motion, Work & Energy, Impulse & Momentum, Rotational Dynamics, Gravitation and Oscillations, Laboratory activities will be performed to verify theoretical predictions. Instructional approaches include lectures, demonstrations, laboratories, class discussions, student worksheets, homework sets, quizzes, tests.

# COURSE DESCRIPTIONS – SCIENCE

## EARTH SCIENCE 0309

Grades 9-10	Y	Credits – 10
Science g Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
CP		Level

Recommendations:  
Concurrent enrollment in Algebra I

This course is an introductory study of the earth, its history, energy, processes, and matter. Topics include the study of geological features and occurrences, meteorology, oceanography, and solar system-astronomy. This course is an activity-oriented introduction to a laboratory science. The students will develop skills such as lab analysis, writing, and note taking.

## AP ENVIRONMENTAL SCIENCE 0376

Grades 11-12	Y	Credits – 10
Science d Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
AP		Level

Recommendations: Grades of A- or above in Biology and Chemistry

AP Environmental Science is designed to be the equivalent of an introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with 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 them. The AP Environmental Science course is an excellent option for any interested student who has completed two years of laboratory science in Biology and Chemistry.

The course includes laboratory and field investigations. The goal of this component is to complement the classroom portion of the course by allowing students to learn about the environment through firsthand observation. Experiences both in the laboratory and in the field provide students with important opportunities to test concepts and principles that are introduced in the classroom, explore specific problems with a depth not easily achieved otherwise and gain an awareness of the importance confounding variables that exist in the “real world”.

## FORENSICS 0377

Grades 11-12	Y	Credits – 10
Science g Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Prerequisites
CP		Level

Recommendations: Biology with a C or better, Chemistry or Physics with a C or better, Algebra II with a C or better

Forensic science (criminalistics) is an introduction to the analysis of crime scenes by collecting and analyzing physical evidence. This course is designed to integrate the core scientific disciplines while giving students both theory and hands-on experience with the skills and knowledge required of a forensic crime scene investigator. This multidisciplinary course will cover topics in biology, chemistry, physics, technology, earth science, math, social studies and language arts. Sample evidence for analysis will include fingerprints, DNA, handwriting, trajectories, hair, fiber, toxicology, blood spatter patterns, ballistics, chromatography, forgery and tool marks. Students will be asked to use process skills including comparative analysis, critical thinking, deductive reasoning, interviewing, observation, organization, problem solving, research, communication, evidence collection and technical reading. *Students should be aware of the sensitive/serious nature of the material presented and be ready to respond in a mature manner.*

## INTEGRATED SCIENCE I 0301

Grades 9-12	Y	Credits – 10
Science No No		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
NCP		Level

This course introduces students to the basic skills used in science, the various science disciplines, and develops in students a fundamental understanding of science in the “real world” while improving study skills. This course utilizes various instructional approaches including projects, group work, and individual assignments. This instructional approach enables the student to experience what is being learned. The theme of this introductory course revolves around life sciences: characteristics of living things, variety of life, cell structure and function, ecology, evolution, heredity, and the human body.

# COURSE DESCRIPTIONS – SCIENCE

## INTEGRATED SCIENCE II 0302

Grades 10-12	Y	Credits – 10
Science	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
See below	Recommendations	
NCP	Level	

The focus of this course is on the physical sciences. The teaching approach to this class is one of a “hands-on”, interactive, laboratory based methodology. The student will also be responsible for both individual and group/cooperative learning. The topics covered will fall under the four major categories of the physical sciences: chemistry, earth science and physics. Students will be assessed based on their homework, tests, and lab reports, as well as group and individual projects.

our lives. Students complete various experiments and activities, including computer-based labs, problem sets and semester projects. Students gain both a mathematical and conceptual understanding of the basic laws of physics. Topics include: mechanics waves, sound light, electricity, and magnetism. Physics Honors differs from Physics in that certain topics will be covered in greater depth. Students are expected to have a stronger mathematical background.

# LOS ALTOS HIGH SCHOOL

## TYPICAL PATHWAYS

### SOCIAL STUDIES

LEVEL/YEAR	9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
<b>HONORS AND ADVANCED PLACEMENT</b>	World Studies	AP European History  Elective: AP Art History	AP U. S. History  Elective: AP Art History	AP U.S. Government and Politics* AP Microeconomics*  Elective: AP Art History
<b>COLLEGE PREP</b>	World Studies	Contemporary World Issues  Electives: Facing History and Ourselves* Psychology* AP Art History	U. S. History  Electives: Facing History and Ourselves* Psychology* AP Art History	Civics*/Economics*  Electives: Facing History and Ourselves* Psychology* AP Art History

\*Semester length courses

## SOCIAL STUDIES CURRICULUM – LOS ALTOS HIGH SCHOOL

<b>9<sup>th</sup> Grade</b>	<b>World History &amp; Geography</b> <ul style="list-style-type: none"> <li>▪ World Studies</li> <li>▪ World Studies Bilingual</li> <li>▪ World Studies SDAIE</li> </ul>	<b>LEVEL I SKILLS</b>
<b>10<sup>th</sup> Grade</b>	<b>ELECTIVES</b> (Can be taken 10-12 <sup>th</sup> grades) <ul style="list-style-type: none"> <li>▪ Contemporary World Issues (Semester)</li> <li>▪ AP European History (1 year)</li> <li>▪ Facing History and Ourselves (Semester)</li> <li>▪ AP History of Art (1 year)</li> <li>▪ Psychology (Semester)</li> </ul>	<b>LEVEL II SKILLS</b>
<b>11<sup>th</sup> Grade</b>	<b>AMERICAN HISTORY</b> <ul style="list-style-type: none"> <li>▪ Global Connections (Civics)</li> <li>▪ U. S. History</li> <li>▪ AP U. S. History</li> <li>▪ U. S. History SDAIE</li> </ul>	<b>LEVEL III SKILLS</b>
<b>12<sup>th</sup> Grade</b>	<b>AMERICAN GOVERNMENT/ECONOMICS</b> <ul style="list-style-type: none"> <li>▪ Civics (Semester)</li> <li>▪ AP U.S. Government and Politics</li> <li>▪ Civics SDAIE (Semester)</li> <li>▪ Economics (Semester)</li> <li>▪ AP Microeconomics (Semester)</li> <li>▪ Economics SDAIE (Semester)</li> <li>▪ Global Connections (Civics)</li> </ul>	<b>LEVEL IV SKILLS</b>

<b>SKILLS</b>	
<b>LEVEL I</b>	<b>LEVEL II</b>
<ol style="list-style-type: none"> <li>1. Writing in an organized manner</li> <li>2. Map skills</li> <li>3. Oral and graphic presentations</li> <li>4. Study skills: note-taking, outlining, test taking</li> <li>5. Library and research skills</li> <li>6. Chart interpretation</li> <li>7. Group participation</li> </ol>	<p>The nature of these elective courses requires extensive in-depth study which is designed to reinforce the Level I skills. Some classes may require higher level skills.</p>
<b>LEVEL III</b>	<b>LEVEL IV</b>
<ol style="list-style-type: none"> <li>1. Advanced library and research skills to include research paper or project.</li> <li>2. Analysis and interpretation of historical sources/materials.</li> <li>3. All Level I skills.</li> </ol>	<ol style="list-style-type: none"> <li>1. Solving hypothetical problems</li> <li>2. Participating in community affairs</li> <li>3. Advanced oral presentation, e.g. debate, group participation</li> <li>4. Advanced skills in chart and graph interpretation</li> <li>5. All of the preceding skills.</li> </ol>

# COURSE DESCRIPTIONS – SOCIAL STUDIES

The University of California requires 2 years of history/social science, including:

- One year of world history, cultures and geography (may be a single yearlong course or two one-semester courses), and
- One year of U.S. history or one-half year of U.S. history and one half year of civics or American government.

## AP HISTORY OF ART 0542

Grades 10-12	Y	Credits – 10
Fine Art/Global Stud./Indiv. & .Soc. f Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
AP		Level

Recommendations: A- or better in previous social studies courses.

This course is designed for students interested in gaining an understanding of and enjoyment from architecture, sculpture, painting, and other art forms. The artwork is presented chronologically and examined within its historical and cultural context. This course will focus on key artistic movements, the development of new art forms, and the distinctive styles created by individual artists and societies from around the globe. The course will seek to provide students with a basic knowledge of how social, political, and cultural experiences define and direct styles and individual pieces of art. As a result, the students will develop a critical vocabulary for thinking and writing about art. Through slides, lectures, discussions, readings, and museum visits, students will contemplate art. The course covers Prehistory; continuing with the Western Art experience; and followed by an examination of the art of Africa, the ancient Americas, and Asia. No prior experience in art is required. Students who have done well in history, literature or art classes are encouraged to enroll. Students are expected to take the AP exam in May.

## CIVICS 0747

Grade 12	S	Credits – 5
Civics a Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This course involves discussion and analysis of the main issues confronting American government in the context of our political and legal system. Students study the structure of our government and learn how to be participating citizens. Topics such as the legislative/executive/judicial system, administration of justice, foreign policy, and the government's role in solving national economic and social problems are covered.

## CONTEMPORARY WORLD ISSUES 0702

Grade 10	S	Credits – 5
Global Studies/Indiv. & Soc. a Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This course is the third semester continuation of the ninth grade World Studies course. Students in this class examine the world's political, economic and cultural history from World War I to the present. Students will continue to develop the foundational social science and general study skills that will help to promote success in junior and senior year offerings in the department. This is a required course, except for students who elect Modern European History AP instead.

## ECONOMICS 0761

Grade 12	S	Credits – 5
Economics g Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This one-semester course provides an overview of the field of economics. Students are introduced to economic theories with an emphasis on practical applications. Topics in both microeconomics and macroeconomics are covered.

# COURSE DESCRIPTIONS – SOCIAL STUDIES

## AP EUROPEAN HISTORY 0717

Grades 10-12	Y	Credits – 10
Global Studies/Indiv. & Soc. a Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
AP		Level

Recommendations: A- or better in previous social studies classes.

This course is designed to be an examination of the development of the intellectual/cultural, political/diplomatic and social/economic history of modern Europe. This statement should be viewed with a bit of healthy skepticism. To cover this much history in any depth or breadth is a difficult task. The trap associated with covering this much human activity in a single academic course is to become overly involved in the history of events. As one historian puts it, historical events are mere "crests of foam that the tides of history carry on their strong backs." The essential criticism of this type of history is that it is superficial. Historical events are the reflections of much deeper human happenings and trends. Our goal is to identify these deeper currents in European history, give meaning to these events and trends, and place them in a paradigm that makes sense to us today. Students are expected to take AP exam in May.

## FACING HISTORY AND OURSELVES 0727

Grades 11-12	Y	Credits – 5
Eng./Civics/Indiv. & Soc.** a, b, g Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This is a one semester elective course that takes a close look at aspects of twentieth-century global history, focusing classical historical investigation with sociology, psychology, anthropology, political science, art, literature, film and music. The course examines the most troubling aspects of history of the past 100 years, as well as one examining the nature of human rights, discrimination, racism and persecution, genocide, ethnic cleansing, war crimes and the need to engage citizenry in participation and efforts toward justice and reconciliation. By tracing the historical roots of the events that led to the Holocaust and other examples of genocide, students make the essential connection between the history and the moral choices they confront in their own lives. The central case of study is the Holocaust.

## GLOBAL CONNECTIONS A & B 0540/0541

Grades 11-12	Y	Credits – 20
Eng./Civics/Indiv. & Soc.** a, b, g Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

Students in this college preparatory course learn about events and issues from around the world with a particular focus on Asia, Africa, and Latin America. They ask questions which lead them into areas of study such as education, science and technology, religion, history, politics, and the arts. The course allows students to consider questions through multiple perspectives (different disciplines, different cultures or nations, etc.)

Students attend class in a two-period block each day. At least one of these periods is devoted to smaller group (regular class size) discussion. The other period often involves large group instruction that can take the form of teacher presentation, guest speakers, performances, panel presentations, or a multimedia format. A team of teachers working cooperatively teach the two periods.

\*\*Students earn 20 credits in this course. It fulfills graduation requirements in English (10 credits), Civics (5 credits, earned 2<sup>nd</sup> semester), and Individual and Society (5 credits).

## AP MICROECONOMICS 0763

Grade 12	S	Credits – 5
Economics g Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
CP		Level

Recommendations: A- or better in previous social studies classes.

AP Microeconomics provides an understanding of the role of individual decision makers within the economic system. This includes individuals as both producers and consumers, and businesses. Specific concepts covered include the nature and functions of product markets and factor markets, market structures including competition, oligopoly and monopoly, optimization behavior by both individuals and firms, market failures, and the role of government in correcting market failures. The course will prepare students to pass the College Board Microeconomics AP exam and receive college credit.

# COURSE DESCRIPTIONS – SOCIAL STUDIES

## PSYCHOLOGY

0719

Grades 10-12	S	Credits – 5
Indiv. & Soc./Elective g Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This course provides an introduction to psychology, the study of the mind and behavior. Students learn about themselves and the reasons behind their thinking and actions. Areas of study include the brain, sensation and perception, learning, personality, influential psychologists, dreams, E.S.P., the nature of intelligence, and abnormal behavior. This course does not replace an introductory college course but has proven to be extremely helpful to students interested in studying psychology in college.

## AP US GOVERNMENT AND POLITICS 0746

Grade 12	S	Credits – 5
Civics a Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: A- or better in previous social studies classes.

AP Government is a rigorous, one semester in-depth study of the American government and political system. Students will study and demonstrate mastery of constitutional underpinnings; political beliefs and behaviors; influences upon government; institutions of government; public policy; and civil rights and liberties. Students are required to take the AP Government Examination in May and therefore assessments will focus on essay writing as well as objective test taking. Students should plan on an average of one hour of homework every night.

## U.S. HISTORY

0735

Grade 11	Y	Credits – 10
U.S. History a Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

United States History is a college prep course in which students examine major turning points in US history. The year begins with a selective review of US history in the eighteenth and nineteenth centuries, and will thereafter emphasize events and trends in the twentieth century. During the year, certain themes will be emphasized: the realities of conquest and colonization at the root of US history; the different meanings of revolution; the role of religion in shaping US culture; the expanding role of the federal government and courts; the emergence of a modern

corporate economy; the impact of technology on US society and culture; changes in the ethnic composition of US society; the role of people's movements for equal rights and liberation in making history; and the role of the US as a major world power.

## AP U.S. HISTORY

0738

Grade 11	Y	Credits – 10
U.S. Hist a Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: A- or better in previous social studies classes.

AP US History is a one-year college level course in which students examine major turning points and cultural themes in the history of US. The AP in the title signals: (1) a **highly accelerated** pace and level of learning, (2) a course geared to students motivated and appreciative of history and (3) a course for which college credit can be earned through completion of the course and taking of the AP Test. The year will cover American History from the exploration period into the 2000s emphasizing the following themes: the changing demographics and diversity of the American population, the struggle between the majority and minority in politics, the conflict over the shape and direction of reform and change in society, the characteristics of past and present American economies, the expanding role of the federal government and the role of the courts, the impact of technology on American society, the role of the US as a world power, the evolving geopolitical and global economic role of the US, the growth of culture (including literature, art, philosophy, music, theater, film, etc) environmental issues (such as conservation and dependence of natural resources), the role and influence of religion upon American institutions, and examination of what it means to be "American." Instructional techniques will include projects, group work, direct instruction, critical analysis of primary articles, research, artistic interpretation, peer critiques, kinesthetic activity, debate, interviews of historical experts, and student creations of learning exercises.

## WORLD STUDIES

0701

Grade 9	Y	Credits – 10
Global Studies a Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This is an introductory social studies course for all ninth graders. Focusing on political, social, and cultural history, it examines the development of the major regions of the world. There is also an emphasis on geography, its significance to world history, and the development of important study skills. The course gives students both a historical outlook and a contemporary view of the world through the theme of increasing interdependence among nations.

# COURSE DESCRIPTIONS – WORLD LANGUAGE

## FRENCH I 0901

Grades 9-12	Y	Credits – 10
World Language e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This course is designed for beginning language students and students who have had less than one year of prior language study. It provides the basis for the continuing study and use of French. With an emphasis on conversation and practical application, the student is taught to understand, speak, read, and write the language. A working vocabulary is developed in context as are the basic grammatical structures in the language. In addition to listening and oral drills, there are readings, written grammatical exercises, creative writing opportunities, and original dialogue performances. Students are introduced to culture and customs through skits, music, videos, food, and magazines.

## FRENCH II 0902

Grades 9-12	Y	Credits – 10
World Language e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
CP		Level

Recommendations: C- or better in French I.

This course continues the work of the first year in all four language skills: speaking, comprehending, reading, and writing. The goal of the second year is to give students a working knowledge of French. Contemporary topics, vocabulary, and culture are stressed. A variety of activities, including skits and videos, are included to enhance students' understanding of life in foreign countries and their use of the language.

## FRENCH III 0905

Grades 11-12	Y	Credits – 10
World Lang./Indiv. & Soc./Comm. e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
CP		Level

Recommendations: B- or better in French II.

At this level, students use more sophisticated language structure than in the first two years. Class work is conducted mainly in French. Students are exposed to a wider range of vocabulary, to conversation, and to more in-depth original expression (impromptu and prepared) in both oral and written form. They continue their study of culture reinforced by reading literary works, seeing films on videos, and creating skits for class presentations.

## AP FRENCH LANGUAGE 0907

Grades 11-12	Y	Credits – 10
World Lang./Indiv. & Soc./Comm. e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
AP		Level

Recommendations: A- or better in French III or equivalent.

At this level, students have a higher degree of competency in all four language skills: speaking, reading, writing, and listening. They are now able to read and interpret selected literary works, discuss contemporary issues as presented in magazines and newspapers, have an understanding and appreciation of the history and culture of the people using the language, and interact comfortably with native speakers.

# COURSE DESCRIPTIONS – WORLD LANGUAGE

## LATIN I 0934

Grades 9-12	Y	Credits – 10
World Language e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This course develops students' ability to read, comprehend, and write classical Latin. Students read and discuss a Latin narrative based on the experiences of a Roman family. In the process, they develop an awareness of Roman history, culture, geography, and mythology. In addition to reading and writing, skits, games, and videos provide opportunities to further understanding about Latin and Latin culture. This course also provides students with a better understanding of the English structure and vocabulary.

## LATIN II 0935

Grades 10-12	Y	Credits – 10
World Language e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

Recommendations: Grade of C- or better in Latin I

This course expands students' ability to read and comprehend classical Latin with an introduction of the advanced grammatical constructions necessary to approach authentic Roman authors. Emphasis is given to Greek and Roman mythology and to Roman history. Students continue to gain an awareness of the classical heritage and to improve their Latin and English vocabulary.

## LATIN III 0936 LATIN IV 0937 AP LATIN VERGIL 0938

Grades 10-12	Y	Credits – 10
World Lang./Indiv & Soc./Comm. e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
See below		Recommendations
CP/AP		Level

Recommendations: Grade of C- or better in previous Latin class.

These courses are designed as a sequence in preparation for the Advanced Placement Examination in Latin and the Latin SAT II. Students have the opportunity to read Vergil's *Aeneid* in the original Latin. They write about and discuss this masterpiece of world literature. Appropriate readings from Livy, Cicero, Caesar, Pliny, Ovid, and Catullus are studied in their historical and social contexts.

## SPANISH I 0914

Grades 9-12	Y	Credits – 10
World Language e Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

This course is designed for beginning language students and students who have had less than one year of prior language study. It provides the basis for continuing study and use of Spanish throughout high school and college. With emphasis on conversation and practical application, the student is taught to understand, speak, read, and write the language. A working vocabulary is developed in context, as are the basic grammatical structures of the language. In addition to listening and oral drills, there are readings, written grammatical exercises, creative writing opportunities, and original dialogue performances. Students are introduced to culture and customs through skits, music, videos, food, and magazines.

# COURSE DESCRIPTIONS – WORLD LANGUAGE

## SPANISH II 0915

Grades 9-12	Y	Credits – 10
World Language e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations:

A grade of C- or better in Spanish I.

This course continues the work of the first year in all four language skills: speaking, comprehending, reading, and writing. The goal of the second year is to give students a working knowledge of Spanish. Contemporary topics, vocabulary, and culture are stressed. A variety of activities, including skits, food days, and videos, are included to enhance students' understanding of life in foreign countries and their use of the language.

## SPANISH II HONORS 0916

Grades 9-12	Y	Credits – 10
World Language e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
H	Level	

Recommendations: Grade of A- or better in Spanish I.

This course is designed for those who have demonstrated exceptional language ability in Level I, either in junior high school or in high school. While following the basic program of Level II, it also expands upon and provides enrichment in all areas. This course progresses at a faster pace, and students are expected to be greatly interested in the subject and responsible about completing assignments. The course is conducted entirely in the target language.

## SPANISH III 0917

Grades 10-12	Y	Credits – 10
World Lang./Indiv. & Soc./Comm. e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations:

A grade of C- or better in Spanish II.

At this level, students use more sophisticated language structure than in the first two years. Class work is conducted mostly in Spanish. Students are exposed to a wider range of vocabulary, to conversation, and to more in-depth original expression (impromptu and prepared) in both oral and written form. They continue their study of culture reinforced by reading original works, seeing films and videos, creating skits, and interacting with native speakers.

## SPANISH III HONORS 0918

Grades 10-12	Y	Credits – 10
World Lang./Indiv. & Soc./Comm. e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
H	Level	

Recommendations: Grade of A- or better in Spanish II or B or better in Spanish IIIH.

This enrichment course at Level III increases listening and speaking skills with an emphasis on original and spontaneous self-expression. Students are introduced to literature in Spanish and engage in oral and written discussion based on their reading. Students enrolled in this honors course are expected to have a deep interest in Spanish language, literature and culture. The course is entirely conducted in the target language. Students are expected to engage with each other as well as instructor in target language.

# COURSE DESCRIPTIONS – WORLD LANGUAGE

## SPANISH IV 0919

Grades 10-12	Y	Credits – 10
World Lang./Indiv. & Soc./Comm. e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations:

A grade of C- or better in Spanish III.

Students use a more sophisticated language structure than in the previous three years. Class work is conducted in Spanish. Students are exposed to a wider range of vocabulary, grammatical structure, and original expression through conversations, oral and written work. Students read in class and discuss contemporary issues as presented through literature, magazines and videos.

This course emphasizes the use of conversational Spanish.

## SPANISH FOR SPANISH SPEAKERS 0923

Grades 9-2	Y	Credits – 10
World Language e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
CP	Level	

Recommendations: Native or near native speaker or mastery of Spanish III or above.

Spanish for Spanish Speakers is a course designed to improve and further language for native or near native speakers of Spanish. Using a variety of materials, activities, and evaluations the course will allow students to develop their oral and written language skills. In addition, it will strengthen reading comprehension. We will be focusing on "Standard Spanish" and exploring the variations in the dialect throughout Latin America. Special attention will be given to spelling, accents, grammar, and vocabulary building.

## AP SPANISH LANGUAGE 0920 AP SPANISH LITERATURE\* 0921

Grades 10-12	Y	Credits – 10
World Lang./Indiv. & Soc./Comm. e Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
See below	Recommendations	
AP	Level	

Recommendations: A- or better in Spanish III or equivalent.

***\*This is a Foothill-sponsored class taught on our campus.***

At this level, students have a higher degree of competency in all four language skills: speaking, reading, writing and listening. Students read in class and independently interpret selected literary works; discuss contemporary issues as presented through literature, magazines and videos; have an understanding and appreciation of the history and culture of the people using the language; and interact comfortably with native speakers.

The AP Spanish Language course prepares students for the Advanced Placement Exam in Spanish Language as well as the SAT Subject Test in Spanish. The Spanish Literature class prepares students for the Advanced Placement Spanish Literature Exam.

### ***\*Foothill-Sponsored Classes***

- *All Foothill-sponsored classes taught on our campus, regardless of whether they are taught by our teachers or Foothill instructors, receive only regular high school credit, e.g., 5 units per semester.*
- *Students receive college credit concurrently on their college transcripts for the same class at the rate of whatever many credits Foothill assigns for a particular class; hence we refer to this as dual credit, not double credit.*
- *Please note as well that college classes do NOT count as honors classes for the purpose of generating the extra grade point assigned to H/AP classes.*
- *The hours of Foothill classes may differ from the LAHS daily bell schedule.*

## **COURSE DESCRIPTIONS – SPECIAL EDUCATION**

The Special Education Department provides services to students with learning and other disabilities. Depending on specific needs, students can take anywhere from one class to six classes within the program. All core classes within the department meet the California State Content Standards. In addition, the Crossroads Independent Study Program offers academic, vocational, and career/job training for students who have life and/or family issues, which preclude them from benefiting in full participation within the structured high school setting. "Workability I" is available to all students who receive special education services. The Workability I Coordinator in collaboration with the staff provides vocational assessments, work opportunities, and college/career exploration.

Program placement and curricular needs are determined at an Individualized Education Plan (IEP) meeting.

Auxiliary services are provided through the Speech/Language program to address specific language and communication difficulties. A school psychologist, a Behavioral Therapist and a therapist are part of the department team, providing behavioral support and individual/group therapy depending on need.

# COURSE DESCRIPTIONS NON-DEPARTMENTAL

## ELECTIVE REQUIREMENTS

60 elective credits are required for graduation. ANY class taken in excess of a subject requirement is an elective. For example, a third year of science or mathematics will be applied towards the elective requirement. The classes on this page, as well as those described elsewhere, may serve as electives.

**AVID TUTOR** **2556**  
**Gr. 10-12** **Year** **10 credits**

Requires AVID Coordinator/administrative approval.

Tutors are an important component of the AVID program. Students who have excelled in two (2) or more particular academic subjects and who wish to assist other students in these areas may earn elective credit for peer tutoring in the AVID classes. Peer tutors are especially needed for math and science classes. Training occurs during class the first two days of school and periodically during the school year.

**PEER TUTOR** **2555**  
**Gr 9-12** **Semester** **5 credits**

Students may work as Peer Tutors in one of several venues: Enhanced Algebra, Survey Skills or the Tutorial Center. In each of these areas, students work under the direct supervision of a teacher or the tutorial center coordinator. Students will tutor peers in subject areas as assigned. A maximum of 10 units may be earned during a student's four years at Los Altos High School. Students must participate in training as a part of receiving credit for this course.

**OPPORTUNITY TUTOR** **2558**  
**Gr 10-12** **Semester** **5 credits**

(See Peer Tutor Description.)

**RALLY** **2536-2539**  
**Gr. 9-12** **3 quarters** **10 credits**

Requires audition plus a 2.0 Grade Point Average.

This course includes the Junior Varsity and Varsity Dance Teams and Cheerleading Squads. Students participate in the Fall football season, the Winter basketball season; with possible Spring Competitions. Freshmen through Seniors may participate in this program depending on their skill level. Practices are held after school. Some weekend practices may also be required.

**STUDENT GOVERNMENT** **2525**  
**Gr. 9-12** **Year** **10 credits**

This year-long student-led course offers students opportunities to develop leadership skills and to serve as representatives of the LAHS student body. The class is required for all ASB, elected and appointed, and for class presidents. Students interested in this class but not appointed or elected may petition the Assistant Principal who serves as ASB advisor. Members of the ASB class give input to the administration on school-wide decisions that affect students, organize school spirit events, and put on fundraisers. They also develop and operate a budget for ASB expenditures and income, review club charters, and approve or deny requests for class/club fundraisers. As ASB representatives, members must maintain at least a 2.0 GPA, demonstrate commitment to the goals and expectations of ASB, and act as role models for LAHS students.

# COURSE DESCRIPTIONS

## NON-DEPARTMENTAL

<b>YEARBOOK</b>		<b>2550</b>
<b>Gr. 10-12</b>	<b>Year</b>	<b>10 credits</b>

This course is devoted to the production of the school yearbook. Students should expect to learn all phases of yearbook production: layout, photography, copywriting, editing, and publicity. Students will learn to use computers to produce the book, and are expected to be responsible, self-motivated, and prompt in meeting deadlines. The class is limited to sophomores, juniors, and seniors and may be taken for three years. Students may indicate Yearbook on the Course Request sheet as an expression of interest in the class. The actual application process, however, will begin in April.

# COURSE DESCRIPTION – ONLINE INDEPENDENT STUDY COURSE

## ONLINE INDEPENDENT STUDY COURSE

Grades 10-12	S	Credits – 5
No	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

This is an online software course delivery system primarily for senior level students who are credit deficient for graduation. The class is for credit recovery purposes with offerings in the core subject areas. It is not designed for acceleration or in lieu of courses currently being taught at Los Altos or Mt. View High School as part of the regular school curriculum.

The course is currently available to students at Los Altos and Mt View High School and is administered on the Los Altos High School campus during 7<sup>th</sup> period. Students meet with the teacher once per week to monitor their progress and to take tests as

long as they are making sufficient progress. If they are not making progress, they are required to attend 7<sup>th</sup> period all week. If they are making progress, the rest of the course work is completed by the student at home on their computer. If access to technology is an issue, arrangements have been made for students to work at school during 7<sup>th</sup> period. The course software is also available in the library, tutorial center, and the college/career center or any computer with access to the internet. Students remain enrolled in 7<sup>th</sup> period until the course they need for graduation is completed. Students can take one semester of a year course or the entire year—depending on the needs of the student.

The purpose of the course is to offer an alternative instructional method to meet the diverse skills and needs of students.

# COURSE DESCRIPTION – WORK EXPERIENCE

## WORK EXPERIENCE

Grades 10-12	S	Credits – 5
No	HS Graduation Req.	
No	Univ. of Calif. Req.	
No	Calif. State Univ. Req.	
None	Recommendations	
NCP	Level	

General Work Experience is an elective class which combines supervised paid employment in any occupational field with related classroom instruction in employability skills. The purpose is to provide students with opportunities for applying the basic skills of reading, writing, and computation through a combination of supervised employment in any occupational field and related classroom instruction.

Students will develop work habits, attitudes, self-confidence, and job-related skills, and a personal portfolio, which can be used to locate, secure, and retain employment. Students must obtain on their own, a job, meeting the course requirements.

Related classroom instruction is divided into five primary areas as derived from the California State Content Standards for Work Experience Education. They are: Job Seeking Skills; Understanding the Workplace and Keeping a Job; Leaving a Job; Wages, Taxation, Benefits, Money Management; and Career Selection, Investigation, and Planning. Students enrolled for a second year repeat the five core subject areas but in an expanded manner with additional competencies taught.

The purpose of the WEEP program is part of a total educational process that: (1) helps students to choose a career path wisely; (2) prepares them for full-time employment suitable for their abilities and interests; and (3) affords students the opportunity to learn to work with others in ways that are successful and rewarding. The WEEP program uses the integrated efforts of teachers, counselors, students, parents, and employers to achieve the following purposes:

- Link the academic core curriculum with the world of work and promote students' school-to-career transitions.
- Helps students develop skills, habits, and attitudes conducive to job success and personal growth.
- Assist students in selecting careers and preparing realistically and wisely for the world of work.
- Use the community's business-industrial complex as a career training laboratory to help students develop a positive work ethic and acquire or refine work related skills and job performance in actual work settings.

To earn 5 credits students work 180 hours per semester (which averages to approximately 10 hours per week), attend class once per week, and complete the required coursework. To earn 10 credits students work 270 hours per semester (which averages to approximately 15 hours per week), attend class once per week, and complete the required coursework.

In their second year of Work Experience students repeat the core curriculum from the State Frameworks and Standards with new materials and situations.

# ALTERNATIVE PROGRAMS AND SERVICES

## OFF CAMPUS ALTERNATIVES

### **Alta Vista High School Continuation School Program, 1325 Bryant Ave., Mtn. View CA 94040**

Alta Vista provides an exciting alternative for students who feel disconnected from the traditional high school culture and for those who are not succeeding academically in one of our comprehensive high schools. Alta Vista offers students options that are unavailable in a conventional high school program. The mission and purpose of Alta Vista is to help students 16 years or older to graduate from high school and to be prepared to continue with post-secondary training or schooling. In addition to a focus on basic skills, Alta Vista provides opportunities in experiential and service learning with an emphasis on developing work readiness skills, necessary to enter a number of different vocational/ technical fields.

Students may elect to attend Alta Vista because of the choices in programs available to them in this alternative setting or they may be referred to Alta Vista High School for violation of the district's attendance policy, credit deficiency, or for other disciplinary reasons.

Students who are assigned to Alta Vista on an involuntary basis may, upon completion of certain conditions, apply for return to their home school for the following academic year.

**For more information call (650) 691-2432.**

### **Freestyle - Academy of Communication Arts & Technology, 1299 Bryant Ave., Mtn. View, CA 94040**

At Freestyle Academy of Communication Arts and Technology, students develop skills in effective written, oral, and visual communication, and work with the latest multimedia technology to find outlets for creative expression. Juniors and seniors enrolled in Freestyle attend from 9:30 am to noon or from 1 pm to 3:30 pm daily. Students attend classes the alternate part of the day at Mountain View, Los Altos, or Alta Vista High School. Rather than emphasizing lectures, quizzes and tests, classes at Freestyle rely on project based learning and real world connections to engage students.

Project based learning combine's traditional English and Fine Arts curricula with 21<sup>st</sup> century skills, such as self direction, creativity, and collaboration. Students use the latest technology to become producers, not just consumers, of media, using the latest multimedia software program such as Photoshop, Illustrator, Dreamweaver, Flash, Final Cut Pro, and Pro Tools.

Classes at Freestyle High meet UC/CSU requirements for English and Fine Arts. The Academy is designed as a two-year program, with advanced work and internships offered in the 2<sup>nd</sup> year.

**For more information call (650) 940-4680.**

### **DESIGN 1, 2**

Grade 11, 12	Y	Credits – 10-20
English b Yes		HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.
None		Recommendations
CP		Level

### **UC Approved**

This course is a foundation in the elements and principles of art and design through a multimedia approach. Students create digital photography, illustration and graphic design using traditional media as well as computer programs. Course work is fully integrated with the other courses at Freestyle Academy (Web Design/Sound Engineering, Film Production and Society, Politics and Literature)

# ALTERNATIVE PROGRAMS AND SERVICES

## OFF CAMPUS ALTERNATIVES

### ENGLISH 3 and 3 HONORS

Grade 11	Y	Credits - 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

The curriculum in English 3 and 3 Honors is designed to encourage creative thinking, self-direction and social and civic responsibility. To develop the students' creative thinking skills and self-direction, the curriculum of each unit is structured around a specific form, rather than a specific theme. This approach encourages students to write about ideas and issues that are personally relevant to them. Critical reading of texts and supplemental material help students gain an understanding of the form and demonstrates a range of ideas for the students to explore in their own work. To encourage social and civic responsibility, students examine a variety of personal and social issues to inform their multimedia projects completed at the Academy. In competing these projects, students must demonstrate their skills in research and writing, presentation, project management, collaboration and creative problem solving.

### ENGLISH 4 and 4 HONORS

Grade 12	Y	Credits - 10
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

English 4 and 4 Honors are rigorous college preparatory courses taught in an interdisciplinary Academy program that includes Design, Film Production and Web/Audio Production classes. The project-based curriculum at the Academy is designed to provide students with the reading, writing and speaking skills necessary for college courses, as well as the necessary 21<sup>st</sup> century skills demanded by today's workplace. Each unit in English 4 and 4 Honors focuses on a specific writing form that allows students to translate their work into different media taught at the Academy. This interdisciplinary connection allows students to explore their ideas in greater depth and develop their communication skills.

# ALTERNATIVE PROGRAMS AND SERVICES

## OFF CAMPUS ALTERNATIVES

### FILM PRODUCTION 1, 2

Grade 11, 12	Y	Credits – 10-20
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

In Film Production, students develop their ability to critically evaluate documentary, narrative and experimental films as well as product digital film projects in each film mode. The course offers experience in pre-production, production and post-production techniques as well as basic lighting and cinematography. Students will create projects using Final Cut Pro film editing software.

Year 2 will introduce students to the prosumer DVX 100B Panasonic camera along with advanced composition, lighting and camera skills. Students will collaborate on four ten-minute projects in narrative, documentary and/or experimental modes modeling specific film genre conventions. In addition, students will move beyond the basics when editing projects with Final Cut Pro 6, as well as mixing audio tracks in Soundtrack Pro. Students will have responsibility to organize and stage the final exhibitions for each project.

### WEB PRODUCTION/ AUDIO ENGINEERING 1, 2

Grade 11,12	Y	Credits – 10-20
English b Yes	HS Graduation Req. Univ. of Calif. Req. Calif. State Univ. Req.	
None	Recommendations	
CP	Level	

This course provides a theoretical and applied academic foundation to use digital media in graphic and traditional art along with audio engineering. Students create and design CSS, Flash and Javascript web pages, graphics, podcasts, animations, audio slideshows and music videos as a basis for developing skills in visual communications. The class focuses on basic design, layout and construction, setup and maintenance of a web site. Students also create audio projects for developing skills in audio communication with basic audio recording techniques inside and outside the recording studio using industry recording tools. Course work is fully integrated with the other courses at Freestyle. Software applications used in the first year class will include Adobe Dreamweaver, Flash, Photoshop, Illustrator, After Effects, Microsoft Word, Apple Garageband, Propellerheads debugging, the use of Cascading Style Sheets (CSS) and Javascript insertion/modification for web design. Second year students will delve deeper into previous applications and will also receive an introduction to SML, Waves Plug-ins, and McDSP Plug-ins. **Contact the instructor Leo Florendo by email at [leo.florendo@mvla.net](mailto:leo.florendo@mvla.net).**

# ALTERNATIVE PROGRAMS AND SERVICES

## OFF CAMPUS ALTERNATIVES

**Middle College**, 12345 El Monte Rd., Los Altos Hills, CA 94022

Middle College provides expanded educational options to students in the Mountain View-Los Altos Union High School District. Middle College is a high school/college collaborative program designed for juniors and seniors who are seeking an alternative to regular high school with a serious academic focus. The program is housed on the Foothill College campus. It serves students who are academically talented, capable of doing college level work, but who, for a variety of reasons, may not be performing up to their potential in a traditional high school. Students receive college credit for their college coursework. Middle College students must meet the same high school graduation requirements as their peers in our traditional schools to earn a diploma from their home high school.

**For more information call (650) 949-7168.**

**Moffett Independent Study Program**, 333 Moffett Blvd., Mountain View, CA 94043

MVHS, LAHS and AVHS students needing to complete high school diploma requirements independently may do so through the Moffett Independent Study Program. All classes are conducted on an independent study basis. Students meet once a week with a teacher and are expected to complete a minimum of 20 hours of work INDEPENDENTLY and return it the following week for discussion with the teacher. Generally speaking, once a student has completed 75 hours of work and met the course objectives and requirements, the student receives a letter grade and 5 credits.

**Students must first consult with their high school counselor and assistant principal to ensure that independent study is the appropriate program for achieving their goals.**

**For more information call (650) 940-7817 or (650) 967-7919.**

**View Side Academy** (Formerly Terra Bella Academy), 1012 Linda Vista Ave., Mountain View, CA 94043

View Side Academy is a Community School operated by the Santa Clara County Office of Education serving expelled students and others who have had difficulty in a large comprehensive setting. Four neighboring districts—Mountain View Los Altos Union High School District, Fremont Union High School District, Palo Alto Unified School District, and Mountain View Whisman School District—collaborate with the County Office of Education to provide education to students in an alternative setting where they become part of a small community that assists them in reconnecting with school in a positive way. View Side Academy accomplishes this through small class sizes, a community setting and a variety of outside resources that address non-academic issues that have made it difficult for them to be successful. Some of these difficulties include learning disabilities, truancy, encounters with the law and family and personal issues. The students work toward earning their way back to the comprehensive school setting upon completion of individually-established conditions, but may also graduate from View Side Academy.

**For more information call (408) 573-3015.**

# ALTERNATIVE PROGRAMS AND SERVICES

## ON-SITE SUPPORT PROGRAMS

### Case Management

The MVLA Case Management Program is designed to complement and support the educational program by providing a variety of school-linked services to students and their families to address needs that have a negative impact on the student's educational performance. The case manager identifies, assesses, evaluates, refers, and may access services for students and their families. The program also provides resources for conflict resolution, alcohol/drug prevention-intervention, emergency housing and food, health and legal services, etc. The goal is not only to prevent high school dropouts, but also to enable students to have a successful high school education and to enable them to develop the skills to function productively in society.

**For more information please call (650) 691-2430.**

**CHAC** programs address a variety of emotional problems that effect children and teens, and cause stress within their families. These problems can include drug and alcohol abuse, physical and psychological abuse, teen pregnancy and truancy, domestic violence, gang participation, child custody conflicts, suicide prevention, economic hardship, and any other crisis or situation that may produce destructive behavior. All of CHAC's programs are designed to protect young people from high-risk behaviors such as alcohol use, illicit drug use, violence, and premature sexual activity, while building personal assets such as school success, valuing diversity, maintaining good health, and the ability to delay gratification; all of which will help insure that they have the greatest chance for success in life.

**More information is available at [info@chacmv.org](mailto:info@chacmv.org) or by calling (650) 965-2020.**

**College and Career Center** at Los Altos High Schools invites you to use their many resources and services. Students and parents may check out college guides, or use a variety of helpful materials relating to the college process, and avail themselves of career resources, test registration and preparation materials, and other helpful information. Computers allow students to explore college and career choices through the Naviance/Family Connection system and other resources. SAT, SAT Subject, and ACT test preparation materials are available as well as Financial Aid and scholarship information.

College representatives from around the country speak with interested students. The Center also offers occupational information and helps students make post-high-school plans. Parent Coffee Chats are held monthly providing a forum for parent questions on various college-related topics. In collaboration with the Counseling Department, the Center sponsors evening programs about college admissions, financial aid, as well as the College Fair and Countdown to College.

College & Career Center hours are:

7:30 am - 4:00 pm Monday - Friday.

The center is funded by your donations to the MVLA High School Foundation. Thank you for your support!

**For further information, call LAHS at (650) 960-8836.**

### Homework Club

The LAHS Homework Club offers a supportive atmosphere where students can get help from a parent volunteer, teacher and peer tutors. It is held from 2:30 to 4:30 Mondays, Tuesdays and Thursdays. Students get help from a team of ninth and tenth grade teachers to complete assignments, enroll in challenging classes and raise their GPAs. While Homework Club is designed for ninth and tenth graders, tutoring in all subjects and grade levels is available. Students completing an appropriate number of study minutes and satisfying a "Homework Club Challenge" qualify for rewards. For further information, please contact Michael Moul, Christa Wemmer or Anne Battle, the main advisors for Homework Club.

**[anne.battle@mvla.net](mailto:anne.battle@mvla.net) (650) 960-8870.**

**[michael.moul@mvla.net](mailto:michael.moul@mvla.net) (650) 960-8868**

**[laraine.ignacio@mval.net](mailto:laraine.ignacio@mval.net) (650) 960-8884**

# ALTERNATIVE PROGRAMS AND SERVICES

## ON-SITE SUPPORT PROGRAMS

### **Mentor Program/Partners for a New Generation**

This program, coordinated by a part-time staff member, partners a student with an adult mentor. Counselors and teachers refer students to the program based on both academic and personal needs. The mentors are professionals from our local community who represent many different careers. The mentor spends time with the student at least twice a month, providing unconditional attention and support in a low-key manner. The mentors have volunteered through "Partners for New Generations," a community-based organization whose goal is to recruit, inform and encourage volunteers to work with our youth.

**For more information please call (650) 960-8870.**

### **The Academy**

This course is designed to improve student's academic preparation and study skills as well as helping continue on in high school. Topics will cover note taking, conflict resolution, time management etc. to give students the proper tools to be successful in school.

Twice a week, on tutorial days, you will work individually or in groups on course work and improving your knowledge of academic content.

**For more information please call (650) 960-8463 or (650) 960-8822.**

**Tutorial Center** supports academic achievement for students of all ability levels. Students can come to the Center to get help at all levels and in all subjects; as well as prepare for quizzes, tests, and SAT/ACT exams. The center is a great place to do homework, to get help from tutors, or use computers, and other reference materials. The Center is open daily, from 8:00 am – 4:30 pm Monday - Friday.

Tutors are recruited from a variety of sources including retired MVLA teachers, successful high school students (peer tutors); college students; volunteers from the community, and parents. Tutoring sessions are conducted on a one-on-one or small group basis.

**For more information, please MVHS at (650) 940-4624, and LAHS at (650) 960-8474.**

# ALTERNATIVE PROGRAMS AND SERVICES

## SPECIAL EDUCATION

**Special Education** includes many different programs and services to serve an ever-growing population of students with special needs. **For all information regarding any Special Education program, call 650.940.4657.**

**Resource Specialist Program/Non Intensive:** This program provides consultation and support to students whose needs have been identified in an IEP and who are mainstreamed in regular education classes for most of the day.

**Special Day Class:** This program provides intensive instruction and services to students when the nature or severity of the disability precludes their participation in the regular education program for a majority of the school day.

**Therapeutic Special Day Class Program (TSDC):** The TSDC Program located at LAHS is a district program designed to meet the emotional, behavioral, and educational needs of students whose learning is significantly impacted by their social-emotional needs. It is staffed with a therapist and behavioral therapist along with teachers and Instructional Assistants. The students have full access to all the regular and special education classes on campus.

**Severely Handicapped:** This is a district program at MVHS designed to meet the needs of our most severely handicapped students. Many of the students require one-to-one assistance. Some require feeding and toileting. Specialized services are provided by a variety of professionals to meet individual student needs.

**The Crossroads Independent Study Program:** This program offers academic, vocational, and career/job training for students who receive special education services whose needs are not met in the traditional high school setting. The program also serves students who are credit deficient. They are able to complete credits in 13 different subjects including physical education. In addition, the program supplies course materials for home & hospital students.

**Post-Senior Program** is designed to meet the needs of students ages 18 to 22 who have not yet graduated and whose disabilities entitle them to continued education until the age of 22. Students receive help with employment, daily living skills or pragmatics.

**WorkAbility I** is designed to promote career awareness and exploration for students who receive special education services ages 16-22 while they complete their secondary education program. The program provides students with opportunities for job shadowing, paid and non-paid work experience, and ongoing support and guidance. WorkAbility I is administered by the California Department of Education, Special Education Department. The state website is [www.cde.ca.gov/sp/se/sr/wrkabltlyl.asp](http://www.cde.ca.gov/sp/se/sr/wrkabltlyl.asp).

**The Veterans' Hospital in Palo Alto** hosts a Regional Occupation Program (ROP) for special education to train students in a variety of jobs. It is staffed by a teacher and job coaches.

**Summer School** is designed predominately for students who are credit deficient, who have failed a class required for graduation or college admission, or those who require remediation in order to meet high school exit standards. Incoming 9<sup>th</sup> grade students who would benefit from intensive intervention programs in Language Arts or Math are invited to participate as well to build a foundation for their 9<sup>th</sup> grade year.

# **ALTERNATIVE PROGRAMS AND SERVICES**

## **PROGRAMS OPERATED BY or HOUSED AT**

### **ADULT EDUCATION**

**333 Moffett Blvd., Mountain View, CA (650) 940-1333; info@mvlaae.net**

#### **Moffett Independent Study Program**

MVHS and LAHS students needing to complete high school diploma requirements independently may do so through the Moffett Independent Study Program. Students meet once a week with a credentialed teacher to review and discuss assignments, and to receive work for the following week. Once a student has completed 75 hours of productive work and has met the course objectives and requirements, the student receives a letter grade and 5 credits. **For additional information on this or any of the following programs, please call (650) 940-7817**

#### **Concurrent Enrollment – district high school students**

MVLA Adult School offers part-time high school coursework to currently attending district high school students. Students **MUST BE** at least 16 years of age and attending full-time. All concurrent classes are conducted as an online/hybrid high school diploma program after the regular school schedule. Students will meet with instructors during scheduled times based on student needs and the requirements of the coursework. **Students must first consult with their high school counselors to ensure that the online/hybrid course of study is the appropriate program of study and be officially referred to this adult school program.**

Instructors: Jessica Lucas, Will Maffini, Ly Nguyen, and JoAnne Thompson

M–F mornings, afternoons and evenings Adult Ed/104 Free  
**IMPORTANT:** The High School Exit Exam (CAHSEE) is mandated by the State of California as a condition for anyone graduating from a California public school or adult school. If you have any questions about obtaining a high school diploma, GED, the California High School Exit Exam or about your graduation status, please contact Julie Vo at the Mountain View-Los Altos Adult School High School Diploma Program, 650.940.7817 or [Julie.Vo@mvla.net](mailto:Julie.Vo@mvla.net)

#### **High School Diploma Program**

Mountain View-Los Altos Union High School District offers a high school diploma program for persons 18 years of age and older who want to complete their high school credits. Students may choose from a traditional, seat-time high school diploma class or Independent Study. Here students are assigned a minimum of fifteen (15) hours of school work per week. They meet individually with their instructor at least one hour a week at regularly scheduled day or

evening appointments to review and evaluate their work and to obtain new assignments. Enrollment is open entry/open exit. All diploma programs meet district and state requirements.

**CAHSEE Preparation** class is designed to assist students in reviewing basic language arts and computation skills in preparation to take the required California High School Exit Examination.

#### **G.E.D. Test Preparation Classes**

Individualized instruction, as well as group discussion, is offered to students in subjects such as literature, writing, math, social studies and science as they prepare to pass the series of five G.E.D. tests. The teachers provide a place to study and additional learning resources. **CAHSEE test prep students may attend to improve their language arts and math skills. Prerequisite:** Students should pass a preliminary reading assessment prior to enrolling in this class. The reading assessment for the GED prep class is usually given on Thursdays from 5-6PM in rm. 106. Open enrollment.

Instructors: Annette Bain, Ly Nguyen, and Sharon Freitas

M–F Open Enrollment 8:45-11:45AM Adult Ed/106 Free  
MTuW Open Enrollment 6:00-8:30PM Adult Ed/106 Free

**G.E.D. Testing** - The Mountain View-Los Altos Adult School is an official G.E.D. Testing Center. The G.E.D. Testing Program offers adults an opportunity to demonstrate that they have acquired the skills required to obtain a G.E.D. certificate. The test is a norm-referenced battery of five comprehensive examinations in the areas of writing, social studies, science, literature and the arts, and mathematics. Each examination takes 1 to 2 hours. Students must be at least 18 years of age without a U.S. high school diploma and not be enrolled in a secondary school. Upon successful completion of the tests, a G.E.D. certificate will be issued by the State Department of Education.

**ALTERNATIVE PROGRAMS AND SERVICES**  
**PROGRAMS OPERATED BY or HOUSED AT**  
**ADULT EDUCATION**

**333 Moffett Blvd., Mountain View, CA (650) 940-1333; info@mvlaae.net**

**Home/Hospital Instruction** is a unit of the Moffett Independent Study Program, allowing students undergoing medical treatment to continue their education through independent study. Students are assigned an independent study teacher who will visit them in the hospital or at their home to provide school instruction and/or assist the student with completion of work assigned by their regular teacher at his/her home school. Students become eligible for Home/Hospital upon their eleventh day of consecutive absence. Participation in the program requires a note from the attending physician. For more information, contact your Assistant Principal.

**Young Parents Program** is committed to improving the lives of teen and young mothers and fathers and their children in Mountain View and Los Altos. Through collaboration between the Moffett Independent Study Program and MVLA adult school's childcare center, YPP was established to help teen and young mothers meet high school requirements in a flexible academic setting, while providing parenting education and childcare. The program's childcare services and teaching staff are supported by a continuous CalSAFE grant from the Department of Education. Free shuttle service is provided daily to and from the school site.

# GLOSSARY OF TERMS AND PROGRAM ABBREVIATIONS

Some of the words and terms used in this booklet or in the course selection and scheduling process may not be familiar to all students and parents. The following brief explanations may be helpful.

## **a-g Requirements**

This designation refers to a set of courses required for entrance into the California State University or University of California systems. UC requires students to complete a series of high school college preparatory courses in order to be eligible for admission. These are known as the “a-g” requirements and they can be summarized as follows:

A. HISTORY/SOCIAL SCIENCE – Two years required, including one year of U.S. History or one-half year of U.S. History and one-half year of civics or American Government; and one year of world history, cultures, and geography.

B. ENGLISH – Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature.

C. MATHEMATICS – Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. (FOUR YEARS ARE STRONGLY RECOMMENDED)

D. LABORATORY SCIENCE – Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry, and physics. (THREE YEARS ARE STRONGLY RECOMMENDED)

E. LANGUAGE OTHER THAN ENGLISH – Two years of the same language other than English. (THREE YEARS ARE RECOMMENDED)

F. VISUAL & PERFORMING ARTS – One year, including dance, drama/theater, music, and/or visual art.

G. ELECTIVE – One year of college preparatory elective chosen from the following

areas: visual and performing arts (non-introductory-level courses), history, social science, English, advanced mathematics, laboratory science and language other than English (a third year in the language used for the “e” requirement or two years of another language)

## **Academic Courses**

Academic courses prepare students to meet graduation requirements, seek immediate employment after high school, enter the military, or to further their education. As the name implies, the emphasis is on serious academic studies.

## **Advanced Placement (AP)**

Advanced Placement or AP (when capitalized) refers to college courses taught according to syllabi prescribed by the College Board Advanced Placement Program and/or courses designed to prepare students for College Board AP Tests. Successful performance on AP tests (a score of 3, 4, or 5 on a five-point scale) may lead to college credit and/or advanced placement in college courses. For further information on the policies on the granting of AP credit, consult the catalogs of specific colleges and universities or contact your high school counselor. Success in AP courses can be an important factor in admission to highly selective colleges and universities

## **AVID – Advancement Via Individual Determination**

This course is a support class for students underrepresented in higher education. It engages students in the writing process, inquiry method, and collaborative learning to improve critical thinking and communication skills.

# GLOSSARY OF TERMS AND PROGRAM ABBREVIATIONS

**CAHSEE** - California High School Exit Examination

Beginning in the 2005-2006 school year, no student will receive a public high school diploma without having passed the CAHSEE, as well as having met the district's requirements for graduation. The CAHSEE has two parts: English-language arts (ELA) and mathematics. The ELA part addresses state content standards through grade ten. The mathematics part of the CAHSEE addresses state standards in grades six and seven and Algebra I.

Students must retake the examination until the ELA and mathematics parts are passed; however, students may retake only those parts not previously passed. The first opportunity students have to take the CAHSEE is in the second half of grade 10. Students who do not pass the CAHSEE during this administration have up to five additional opportunities to pass the CAHSEE.

In addition to the use of the CAHSEE as a graduation requirement, the spring CAHSEE administration will continue to be used in calculating the Academic Performance Index (API) for state accountability purposes and Adequate Yearly Progress (AYP) to meet federal No Child Left Behind requirements.

**CHSPE – California High School Proficiency Examination (CHSPE)**  
(Examination subject to funding by the State)

The California High School Proficiency Examination (CHSPE) is a voluntary test that assesses proficiency in basic reading, writing, and mathematics skills taught in public schools. Eligible persons who pass the CHSPE are awarded a Certificate of Proficiency by the California State Board of Education. The test is given in English only.

You may take the CHSPE only if you meet one of the following requirements on the test date:

- You are at least 16 years old, or
- You have been enrolled in the tenth grade for one academic year or longer, or
- You will complete one academic year of enrollment in the tenth grade at the end of the semester during which the CHSPE administration will be conducted.

## **Class Rank**

Class rank is a procedure by which each student is ranked according to his/her weighted and unweighted grade point average (GPA). Students in the first decile rank in the top 10% of the class. Class rank is calculated twice during the senior year.

## **College/Career Resource Center**

The center provides assistance to students in preparing for career and college. The center coordinates speakers from business and industry, college recruiters, and college admissions officers. It houses many resources in print and on line to help students in the selection of a college or a career.

## **Crossroads**

A special education, independent study class in specific subject areas designed to help students make up credits they need to graduate.

## **College Board**

<http://www.collegeboard.com>

## **CSU-California State University**

<http://www.csumentor.edu>

## **Elective Course**

Electives are courses that students choose to take. Electives, by definition, are not required. However, students may be required to choose from a variety of electives in order to meet graduation or college requirements.

# GLOSSARY OF TERMS AND PROGRAM ABBREVIATIONS

## **ELL – English Language Learner**

Students who are learning English as a second language.

## **ELD – English Language Development**

Specially designed English program for ELL students.

## **Extracurricular Activities**

Extracurricular refers to student clubs and activities which meet outside of the regular school day and which are not part of specific courses within the traditional school curriculum.

## **GATE – Gifted and Talented Education**

Provides enrichment activities for students who qualify for the program.

## **GED - General Educational Development**

What if you don't have your high school diploma? The GED test is generally accepted by employers in lieu of a high school diploma based on GED scores. The GED is a five-part examination, which measures an individual's level of general educational development in comparison to high school students. Most of the questions emphasize an ability to interpret reading material. Students must be 18 years or older to be eligible to take this exam. For more information, contact the MVLA Adult Education Office at 940-1333.

GED tests are also given by the Santa Clara County Office of Education, 1290 Ridder Park Drive, San Jose CA 95110; phone, (408) 453-6866 (M-F, 8:30 a.m. to 12:00 noon).

## **Honors (H) Courses**

Honors courses are those which are taught at a high school level but which, like AP courses, provide the greatest challenge and the best preparation for admission to and success at highly selective colleges.

## **IEP – Individual Educational Plan**

For students who qualify for Special Education.

## **LEP – Limited English Proficient**

Instruction for students whose first language is other than English and who are eligible for placement in the English Language Development Program.

## **NAVIANCE/Family Connection**

Naviance is a web-based resource that supports college planning. The data provided is specific to Los Altos High School graduates. The accounts are private, only available to the student, the student's parents and the counselor.

## **Prerequisite**

A prerequisite is a course that a student must complete in order to qualify for entry into another course. Before students can take Algebra 2, for example, they must have completed Geometry. Therefore, Geometry is a prerequisite for Algebra 2.

## **Quarter**

Each semester is divided into 2 quarters. Students receive grade reports at the end of each quarter and semester. Only semester grades are recorded on the transcript.

## **Required Course**

A required course is one that must be taken by all students in order to meet high school graduation requirements. Examples of required courses are U.S. History, Health, and Physical Education.

## **ROP – Regional Occupation Program**

In cooperation with high school districts, ROP offers classes at a variety of locations and times and provides an opportunity for students to acquire entry-level employment skills while enjoying on-the-job training (paid or unpaid). Elective and graduation credit is offered with possible advanced placement or college credit when entering similar community college programs. ROP students have an opportunity to focus on future employment goals early in high school so that upon graduation they can earn an independent living or work to help defray college expenses. Courses are open to high school students age 16 or older.

# GLOSSARY OF TERMS AND PROGRAM ABBREVIATIONS

## **RSP – Resource Specialist Program**

A less restrictive environment for Special Education students. A support program that offers a period of Learning Skills four days a week.

## **SDC – Special Day Class**

Intensive instruction for eligible Special Education students who require additional support.

## **SELPA – Special Education Local Plan Area**

The regional team responsible for providing Special Education services to students within a particular geographic region of Santa Clara County.

## **Semester**

A semester is one-half of a school year and includes two of the four marking periods. The first semester starts in late August and finishes near the end of December. The second semester starts in January and finishes in mid-June. Semester grades are recorded on the official transcript.

## **Student Information System (SIS) – with ABI (Aeries Browser Interface)**

SIS allows parents and students to access a wealth of information, including; attendance, course history, current progress report grades, and some current grades (depending upon teacher utilization). This can be found on <http://www.mvla.net/lahs> and click on Student Info System.

## **UC-University of California**

<http://www.universityofcalifornia.edu>