

## Welcome to Mission Hills High School!

We offer a four-year comprehensive high school program with courses ranging from Career Technical Education (CTE) to Advanced Placement (AP) classes, which may result in college credit for work done in high school. In addition to a strong academic program, MHHS provides many opportunities for students to become involved in student government, sports, music, drama, community service, and other extracurricular activities.

### How to Use This Course Catalog

This publication contains important information for both students and parents/caregivers. A successful high school career requires careful planning and monitoring of each student's progress. Families are encouraged to acquaint themselves with the graduation and college entrance requirements explained in these pages and use this information as they discuss and develop students' four-year plan.

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## Graduation Requirements

A student must earn 230 credits in order to graduate from Mission Hills High School. Each course is worth five credits per semester. Students and parents are encouraged to monitor carefully the student's progress towards meeting these requirements. Failure to complete six classes successfully each semester will jeopardize a student's timely graduation.

## College Entrance Requirements

Students planning to go directly to a four-year college or university must meet college/universities entrance requirements. Those interested in private colleges or universities should contact the appropriate schools early in their high school career to ensure they are taking the necessary courses.

College and university information is available on campus in the College and Career Center. Students are invited to peruse the college catalogs and use the computerized college search programs available. In addition, a wealth of information is available on the Internet; most institutions, both public and private, maintain informative and up-to-date sites easily located with a brief search. Detailed information on Internet sites related to college selection, financial aid, and SAT/ACT and preparation is located in the College and Career Center.

Entrance requirements for the four-year public university systems in California are outlined on the following page. Please note that students must pass with a grade of C or better in any courses taken to fulfill entrance requirements. Although D grades are considered passing for purposes of graduation, they are **NOT** considered passing by the university systems.

A list of MHHS courses which meet UC and CSU admissions requirements may be found on the UC website <http://www.ucop.edu/agguide/>. Select the "A-G Course Lists" box, enter "Mission Hills High School" on search line, then click on view course list "Mission Hills High School (San Marcos, California)."

## San Marcos Promise

The San Marcos Promise is a educational foundation designed to enhance the lives of students, families and the communities in North San Diego County. It offers a promise of hope and opportunity for San Marcos youth and a long-term goal of reinforcing the culture of San Marcos as a well-educated, vibrant, prosperous community for years to come. Through a variety of resources and ongoing support programs, The San Marcos Promise works alongside the schools in San Marcos Unified School District (SMUSD) to ensure students are empowered to embark on their future path and are adequately prepared to succeed after graduation- whether that's on a college campus, in a career program, or whatever educational path they have chosen to reach their career goals.

For more information on the promise programs visit the San Marcos Promise website: <http://thesanmarcospromise.org/>

## Graduation & University Admissions Requirements

Mission Hills High School						University of CA	CA State University
	Class of 2023	Class of 2022	Class of 2020 & 2021				
<b>ENGLISH</b>	<b>4 Years</b> (40 credits)	<b>4 Years</b> (40 credits)	<b>4 Years</b> (40 credits)	<b>4 Years</b>	<b>4 Years</b>	<b>4 Years</b>	<b>4 Years</b>
<b>MATHEMATICS</b>	<b>3 Years</b> Including Geometry  (30 credits)	<b>2 Years</b> Including Geometry  (20 credits)	<b>2 Years</b> Including Algebra I  (20 credits)	<b>3 Years</b> Algebra 1, Geometry, & Algebra II. Four years recommended	<b>3 Years</b> Algebra 1, Geometry, & Algebra II. Four years recommended	<b>3 Years</b> Algebra 1, Geometry, & Algebra II. Four years recommended	<b>3 Years</b> Algebra 1, Geometry, & Algebra II. Four years recommended
<b>HISTORY</b>	<b>3 Years</b> (30 credits)	<b>3 Years</b> (30 credits)	<b>3 Years</b> (30 credits)	<b>2 Years</b> American History & World History	<b>2 Years</b> American History & World History	<b>2 Years</b> American History & World History	<b>2 Years</b> American History & World History
<b>SCIENCE</b>	<b>2 Years</b> 1 year of Life Science 1 year of Physical Science  (20 credits)	<b>2 Years</b> 1 year of Life Science 1 year of Physical Science  (20 credits)	<b>2 Years</b> 1 year of Life Science 1 year of Physical Science  (20 credits)	<b>2 Years</b> Biology, Chemistry, and/or Physics.  Three years recommended.	<b>2 Years</b> Biology, Chemistry, and/or Physics.  Three years recommended.	<b>2 Years</b> One year of life and one year of physical science with lab.  Three years recommended.	<b>2 Years</b> One year of life and one year of physical science with lab.  Three years recommended.
<b>LANGUAGE OTHER THAN ENGLISH (LOTE)</b>	<b>2 Years*</b> (20 credits)	<b>2 Years*</b> (20 credits)	<b>2 Years*</b> (20 credits)	<b>2 Years</b> Three years recommended.	<b>2 Years</b> Three years recommended.	<b>2 Years</b> Three years recommended.	<b>2 Years</b> Three years recommended.
<b>VISUAL &amp; PERFORMING ARTS (VAPA)</b>	<b>1 Year*</b> (10 credits)	<b>1 Year*</b> (10 credits)	<b>1 Year*</b> (10 credits)	<b>1 Year</b>	<b>1 Year</b>	<b>1 Year</b>	<b>1 Year</b>
<b>PHYSICAL EDUCATION</b>	<b>2 Years</b> (20 credits)	<b>2 Years</b> (20 credits)	<b>2 Years</b> (20 credits)	-----	-----	-----	-----
<b>ELECTIVES **</b>	60 credits	70 credits	70 credits	<b>1 Year of Approved course from any "a-g" subject area</b>	<b>1 Year of Approved course from any "a-g" subject area</b>	<b>1 Year of Approved course from any "a-g" subject area</b>	<b>1 Year of Approved course from any "a-g" subject area</b>
<b>TOTAL</b>	<b>230 credits</b>			<b>15 units</b> (7 must be taken in grades 11-12)	<b>15 units</b>	<b>15 units</b>	<b>15 units</b>
<b>TESTING</b>	NONE			SAT or ACT (with Writing)	SAT or ACT	SAT or ACT	SAT or ACT
<b>Minimum Grade</b>	A grade of D is passing for Graduation.			*C or better in all "a-g" courses	*C or better in all "a-g" courses	*C or better in all "a-g" courses	*C or better in all "a-g" courses

\*10 Credits of CTE may replace 1 year or LOTE or VAPA.

\*\*Any course which exceeds specific subject area requirements counts as elective credit.

## Credits

Credits towards MHHS graduation may be earned in the following manner:

- Successful completion of courses offered during the regular school year or summer sessions.
- Transfer of units from accredited private or other public schools.
- Transfer of units from a community college.
  - 2-3 unit community college class = 5 credits at MHHS
  - 4-5 unit community college class = 10 credits at MHHS
  - Any class which is less than 2 units at a community college may not be transferred to MHHS for credit.
- Completion of basic education adult school courses for high school credit.
- Independent study as authorized by the California Administrative Code.

The following limitations apply unless prior approval for exemption is granted by the principal:

- While attending MHHS, a student may apply no more than 30 credits from off-campus sources (community college, adult school, college, and university) towards graduation.
- All courses which meet specific requirements (e.g., English, math, etc.) must be taken at Mission Hills High School or must have been completed at another accredited private or public school prior to transfer to MHHS.
- Courses identified as repeatable may be taken multiple times for credit. Students earning a grade of D in a college prep A-G course may repeat the course for additional credit providing that they earn a grade of C or higher the second time through. The initial course with the D grade will be applied as elective credits for graduation purposes.

## Expected Progress

Students are expected to pass all classes and earn 30 credits each semester. Students who fail to accumulate credits may be transferred to an alternative setting (Twin Oaks High School) in order to get back on track for graduation. By the end of each year, students should have earned a minimum of the following credits in order to remain at Mission Hills:

- Grade 9 - 25 credits
- Grade 10 - 95 credits
- Grade 11 - 155 credits

## Advanced Placement (AP) Classes:

Advanced Placement courses provide a college-level learning experience. Students who enroll in AP classes are expected to take the AP exams given in May of each year. Most colleges will grant credit for scores of 3, 4, or 5 on the AP exams; thus, students may earn college credit while still in high school. Students earn an extra grade point for a grade of C or higher. State law mandates that weighted grades can be assigned only to courses designated as eligible by the University of California (UC). UC has approved weighted grades for all MHHS Advanced Placement courses as well as the honors courses in French III (H), Spanish III (H), Physiology (H), Biochemistry (H), Introduction to Engineering and Design (H) and Principles of Engineering (H). Our other honors classes have been approved by UC, but do not qualify for weighted grades.

**Incompletes:**

Incompletes are not given. Missed work due to excused absences must be made up within two weeks of the beginning of the following school term and the grade will be averaged in for a permanent grade. It is the student's responsibility to contact teachers and make arrangements to make up work. If the work is not made up, the prior grade will be permanent.

**Transferring Students:**

A student who transfers to Mission Hills after the first six weeks of the semester with NO check-out grades from the previous school will receive grades of NM (no mark) for that semester at MHHS and will receive no credit for that semester. Students transferring to MHHS within three weeks of the end of our semester must make arrangements to complete credits in the district they are leaving prior to checking out. Mission Hills High School cannot grant another district's credits if a student transfers in without meeting that district's requirements. The transfer grades of students coming to MHHS will be averaged with the grades earned here when teachers compute a final grade. Students who were on track to graduate upon leaving their previous district during their senior year, but who are deficient in MHHS graduation requirements, may graduate from Mission Hills High School provided they pass six classes each semester. Students must attend MHHS their final semester in order to receive a Mission Hills High School diploma.

**Student Scheduling:**

During the scheduling process, students and parents/guardians have many opportunities to provide input regarding the courses the student should take. The student and their parents/guardians should check the transcript carefully to ensure that they are meeting graduation requirements and to use as a guide in planning the following school year.

If parents/guardians have concerns or questions regarding classes and requirements, they should contact the counselor before student selects courses.

Once the semester starts, class changes will only be made for a student who:

- does not meet prerequisites
- has taken the course over the summer, credit recovery, and/or no longer needs the class
- needs to drop an elective in order to take a required classes he/she has failed
- has been placed in the incorrect level of a class (e.g., honors instead of college prep)

In order to maintain balanced class sizes, students are assigned to teachers randomly by a computer system designed to accommodate the needs of pupils, scheduled six periods a day in a total of approximately 100 different courses.

Schedule changes will be considered during the first two weeks of the first semester for elective changes and four weeks for level changes and are subject to teacher and administrative approval. Students requesting to drop an AP class must have parent/guardian approval/signatures. For a variety of reasons, it may be necessary to revise students' schedules at the beginning of the second semester. Students are not guaranteed identical schedules for both

semesters.

**Students may not change teachers once class assignments are made.** A teacher change will only be considered if the student has had the teacher for an entire school year previously. With support, students can be successful in every class with our highly-qualified teachers. A consistent policy in assigning students to classes ensures fair treatment for all. Throughout their lives, students will encounter many challenging and difficult situations. It is our responsibility as educators to help our young people develop strategies for dealing with those situations.

If a student is experiencing ongoing difficulty in a course, the following steps must be followed:

1. Student meets with the teacher to discuss the difficulty and identify how best to deal with the issue.
2. If further action is needed, the parent/guardian contacts the teacher.
3. After a parent/teacher contact, the matter may be referred to an assistant principal who may choose to meet with the parties involved.

## Transcripts

Student transcripts contain important information. You will find the courses taken listed by semester. It is your responsibility to monitor progress throughout high school to ensure that you are meeting graduation requirements.

### How to Read Your Transcript

Student Name				San Marcos Unified Mission Hills High School				Mission Hills High School 1 Mission Hills Ct San Marcos, CA 92069			
Perm ID	State ID	Grd	Gen	Enter Date 08/29/2016				Leave Date		Phone	Fax
Date Of Birth				Phone				760-290-2700			
Mailing Address				Class of 2017				Counselor			

Crs ID	Course Title	Mark/Cred	Cmp	Crs ID	Course Title	Mark/Cred	Cmp	Graduation Requirements - Credit Summary						
								Subject Area	Req'd	Comp	WIP	Need		
San Marcos Middle Yr: 2012 Term: 18 Grade: 08				Mission Hills High Yr: 2014 Term: 28 Grade: 10				English				40.00	30.00	10.00
7504	GCHEMTR.P	B	5.00	4388	SPANISH 1 (P)	C	5.00	World Lang/Visual Perf Arts	10.00	10.00				
Cred Cmp: 5.00 GPA: 3.00				Cred Cmp: 30.00 GPA: 2.67				Mathematics				20.00	20.00	
San Marcos Middle Yr: 2012 Term: 28 Grade: 08				Mission Hills High Yr: 2016 Term: 18 Grade: 10				Physical Education				20.00	20.00	
7504	GCHEMTR.P	B	5.00	1738	AS 1 ELA P	A	5.00	Life Science	10.00	10.00				
Cred Cmp: 5.00 GPA: 3.00				Cred Cmp: 30.00 GPA: 4.00				Physical Science				10.00	10.00	
Mission Hills High Yr: 2018 Term: 18 Grade: 09				Mission Hills High Yr: 2018 Term: 28 Grade: 11				Social Studies				40.00	30.00	10.00
1738	WS 1 ELA H	B	5.00	1824	AS 1 HSS P	A	5.00	Electives	80.00	60.00	30.00	0.00		
1766	WS 1 HSS P	A	5.00	2984	HLTH ESSENT (ROP)	B	5.00	TOTALS	230.00	190.00	50.00	0.00		
2580	GENERAL PE	A	5.00	5408	ENVRN SCI AP	A	5.00							
4352	SPANISH 1 (P)	B	5.00	7957	AP STATIST	B	5.00							
5373	BIO MED P	C	5.00	7812	CERAMICS P	A	5.00							
3537	ALGEBRA 1 P	B	5.00	Cred Cmp: 30.00 GPA: 3.67										
Cred Cmp: 30.00 GPA: 3.17				Cred Cmp: 30.00 GPA: 3.67										
Mission Hills High Yr: 2018 Term: 28 Grade: 09				Mission Hills High Yr: 2018 Term: 18 Grade: 12										
1738	WS 1 ELA H	B	5.00	4487	HLTH ESSENT 2 (ROP)	0.00								
1766	WS 1 HSS P	B	5.00	5023	AP GOVERNMENT	0.00								
2580	GENERAL PE	A	5.00	5401	PHYSIOLOGY H	0.00								
4352	SPANISH 1 (P)	B	5.00	7680	DISCRT MATH P	0.00								
5373	BIO MED P	C	5.00	9025	ENG 12(A) ERWC P	0.00								
3537	ALGEBRA 1 P	C	5.00	Cred Cmp: 30.00 GPA: 3.67										
Cred Cmp: 30.00 GPA: 3.17				Cred Cmp: 30.00 GPA: 3.67										
Mission Hills High Yr: 2018 Term: 18 Grade: 10				Mission Hills High Yr: 2018 Term: 28 Grade: 12										
1730	WS 2 ELA H	B	5.00	4487	HLTH ESSENT 2 (ROP)	0.00								
1803	WS 2 HSS P	A	5.00	5023	AP GOVERNMENT	0.00								
2528	MATH ANALYSIS/TRIG P	C	5.00	5401	PHYSIOLOGY H	0.00								
2698	TEAM SPORTS	A	5.00	7680	DISCRT MATH P	0.00								
4388	SPANISH 1 (P)	C	5.00	9025	ENG 12(A) ERWC P	0.00								
7524	CHEMISTRY P	B	5.00	Cred Cmp: 30.00 GPA: 3.00										
Cred Cmp: 30.00 GPA: 3.00				Cred Cmp: 30.00 GPA: 3.00										
Mission Hills High Yr: 2018 Term: 28 Grade: 08				Mission Hills High Yr: 2018 Term: 28 Grade: 08										
1730	WS 2 ELA H	B	5.00	4487	HLTH ESSENT 2 (ROP)	0.00								
1803	WS 2 HSS P	B	5.00	5023	AP GOVERNMENT	0.00								
2528	MATH ANALYSIS/TRIG P	C	5.00	5401	PHYSIOLOGY H	0.00								
2698	TEAM SPORTS	A	5.00	7680	DISCRT MATH P	0.00								
Cred Cmp: 30.00 GPA: 3.00				Cred Cmp: 30.00 GPA: 3.00										

This transcript is unofficial unless signed by a school official.

* AP - Adv. Placement		R = Repeat, no impact	
<b>Grade Point Legend</b>		<b>GPA Summary</b>	
Mark	Normal	AP	
A	4	5	2.2
B	3	4	2.1
C	2	3	
D	1	2	
F	0	1	
<b>NOTES</b>			
Immunization			
DTaP/DTaP/DTaP			
Tuberculosis (BCG)			
Hepatitis B (HB)			
Respiratory Sync (RSV)			
Polio Conditional			
Polio 4-7			
Pertussis			
Pneumococcal Poly (PPV)			
MMR (2 required)			
Influenza (IN)			
HEP B - 3 Dose			
HEP B - 2 Dose			
HEP A			
Pneumococcal Con (PCV)			
Varicella 13 +			

Subject Area	Req'd	Comp	WIP	Need
English	40.00	30.00	10.00	
World Lang/Visual Perf Arts	10.00	10.00		
Mathematics	20.00	20.00		
Physical Education	20.00	20.00		
Life Science	10.00	10.00		
Physical Science	10.00	10.00		
Social Studies	40.00	30.00	10.00	
Electives	80.00	60.00	30.00	0.00
<b>TOTALS</b>	<b>230.00</b>	<b>190.00</b>	<b>50.00</b>	<b>0.00</b>

**CREDITS STILL REQUIRED AFTER COMPLETING THE CURRENT SEMESTER**

**CREDITS REQUIRED IN EACH AREA**

**CREDITS EARNED**

**CREDITS IN PROGRESS**

## Associated Student Body (ASB)

An active Associated Student Body (ASB) offers many opportunities for students to participate in student government. The five top ASB positions – President, Vice President, Secretary, Treasurer, and School Board Representative, are chosen in a school-wide vote. Other students may apply to serve as one of the 12 senate commissioners, responsible for specific aspects of school life. Commissioners are selected by the elected officers in conjunction with the ASB Director. Other opportunities for involvement in student government include running for and serving as a Class Officer or as an elected representative to Student Congress.

## Performing Groups

Students interested in visual arts, drama, music, dance and pageantry are encouraged to pursue those interests in a variety of ways. Groups at MHHS may include the following:

<b>The Arts Program</b>	<b>Instrumental Groups</b>	<b>Pageantry</b>
Dance	Marching Band	Varsity/JV Cheer
Drama	Jazz Band	Dance
Chorus	Color Guard	
Ballet Folklorico	Symphonic Band	

## Course Description

Descriptions of the courses offered at Mission Hills High School are outlined in the following pages. Students should take note of the grade levels at which the course may be taken, prerequisites, and the length of the course (semester vs. year-long).

Some of the abbreviations commonly used in this section are explained below.

- AP** Advanced Placement (designates classes to prepare students for the Advanced Placement exams, which may result in a student's receiving college credit for a course, even though the course was completed in high school)
- CSU** California State University (identifies courses which meet the entrance requirements of that school)
- ELD** English Language Development (designates English classes for those learning English as a second language)
- P** College preparatory (designates classes accepted by colleges and universities for purposes of meeting their entrance requirements)
- H** Honors (designates honors classes designed to prepare students for Advanced Placement classes)
- CTE** Career Technical Education (designates classes funded from that source)
- SE** SDAIE – Specially Designed Academic Instruction in English (designates classes for English learners)
- UC** University of California (identifies courses which meet the entrance requirements of that school)



# History

## **5001/5002 WORLD HISTORY (A/B) P**

*Grade level: 10*

*A-G Designation: A - History*

World History focuses on the modern world. Students view essential elements of modern society within the themes of moral and ethical principles, industrialization, imperialism, war and disillusionment, human rights, and ideology and democracy. Students will read and analyze a variety of primary and secondary historical sources. Varying types of assessment, including essays, performance tasks, multiple-choice and short answer tests, and short- and long-term projects, are used to guide instruction.

## **5007/5008 AP WORLD HISTORY**

*Grade level: 10*

*A-G Designation: A - History*

AP World History focuses on world cultures from approximately 8000 B.C.E. to the present. Students view essential elements of society within the themes of moral and ethical principles, industrialization, imperialism, war and disillusionment, human rights, and ideology and democracy. The course prepares students to meet the Common Core State Standards and Advanced Placement exam in World History. Varying types of assessment, including essays, performance tasks, multiple-choice and short answer tests, and short and long-term projects, are used to guide instruction which is designed to meet the requirements for depth, complexity, novelty, and pacing required by state gifted standards and the Advanced Placement program.

## **5013/5014 US HIST (A/B) (P)**

*Grade level: 11*

*A-G Designation: A - History*

US History focuses on the United States, historical documents, and history from the beginning of the development of democratic traditions to the present day. Instruction is guided by essential themes and questions which focus students' assignments, discussions, and projects. Critical events, literature, and art are placed in geographical and historical context as students gain greater awareness of the political and economic forces that affect their everyday lives. In addition to a focus on US History, writing tasks, projects and assignments align with and focus on Common Core State Standards and prepare students for the statewide assessment they will take in the spring semester. Students will take multiple Performance Tasks each semester to help prepare for this exam. Writing, reading, and critical thinking are integral and required components.

## **5015/5016 AP UNITED STATES HISTORY**

*Grade level: 11*

*A-G Designation: A - History*

AP United States History focuses on the United States from the time of the colonies to the present. Students look at the developing elements of American society within the themes of identity; peopling; politics and power; work, exchange, and technology; America and the world; environment and geography; and ideas, beliefs, and culture. Assessment is done via essays, multiple-choice and short answer tests, and short-and long-term projects. The course prepares students for the Advanced Placement (AP) exam in U.S. History based on College Board requirements and Common Core State Standard. Instruction is differentiated to provide the depth, complexity, novelty, and pacing required by State gifted standards and the AP program. It is noteworthy that exam includes various and numerous writing prompts; therefore, the course place special emphasis on frequent and rigorous writing.

## **5021/5022 GOVERNMENT/ECONOMICS (A/B) (P)**

*Grade level: 12*

*A-G Designation: A - History*

American Government/Economic focuses on the basic concepts and principles of the American political and economic systems from the beginning of the development of democratic traditions to the present. The course covers the structure and function of the American system of government, the roles and responsibilities of citizen participation in the political process, and the relationship of the individual to the law and legal system. Instruction is guided by essential themes and questions which focus students' assignments, discussions, and projects. The class stresses critical analysis of public issues as well as integrates and reinforces social studies skills as students gain greater awareness of the political and economic forces that affect their everyday lives.

## **5023/5024 AP GOVERNMENT**

*Grade level: 12*

*A-G Designation: A - History*

AP United States Government and Politics is a course that provides students with an analytical perspective on American government and politics, and requires a familiarity with the various and competing institutions, groups, beliefs, and ideas that constitute U.S. politics. Students analyze political documents, including the U.S. Constitution, to establish a historical foundation for study. Students become acquainted with a variety of theoretical perspectives and explanations for various political behaviors and outcomes. Elections, campaigns, and in-depth analysis of political parties, the media, and public policymakers also drives the course of study. Students employ critical thinking, and reading and writing skills and engage in multiple modes of assessment including multiple choice exams, free response questions, class simulations, debates, and presentations. Students are also expected to stay current with political news and events.

## **1401 AP HUMAN GEOGRAPHY**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course focuses on the distribution, processes, and effects of human populations on Earth at different scales. Students employ spatial concepts and landscape analysis to examine population demographics, migration patterns, cultural diffusion, political geography, economic and urban development, and land usage. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

## **4717 LEADERSHIP P (ASB)**

*Grade level: 10-12*

*A-G Designation: G - College Prep Elective*

*Prerequisite: Appointment or election as an ASB officer, class officer, or commissioner, or teacher approval.*

This course provides an opportunity for students to practice democratic leadership in practical school situations. Students share with adults the responsibility of planning and organizing assemblies, meetings, social and recreational gatherings, rallies, elections, and other events.

## **5624 MEXICAN-AMERICAN STUDIES (P)**

*Grade level: 10-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

The Mexican-American studies course seeks to enhance understanding of the Mexican and Mexican-American experience, as well as the broader Latino experience. As Latinos are currently the fastest growing minority group in the nation and represent a substantial portion of the population in southern California, the focus of this course is on an understanding of the Latino background. The social, historical, political, and cultural history of Mexico is examined as well as Mexican immigration into the United States. Current issues within the Mexican-American community are investigated, including the diversity of the Mexican-American and Latino populations.

## **5931 PSYCHOLOGY (P)**

*Grade level: 10-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

This course will provide a basic introduction to Psychology through the exploration of psychological theories and concepts. Students will learn basic skills in psychological research and review while being able to apply these skills to their own lives and the world around them. The course is designed to satisfy its main goals while developing the students' critical thinking skills, writing, reading and discussion skills.

**5204 AP PSYCHOLOGY**

*Grade level: 10-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

This course introduces students to the systematic and scientific study of human behavior and mental processes of human beings and other animals. Included in the course are facts, principles, and phenomena associated with each of the major fields of psychology and an overview of the methods psychologists use in their research and practice. This course is equivalent to a college course in introductory psychology. Students are expected to successfully prepare for the Advanced Placement test given in the spring. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by State gifted standards and to prepare students for the Advanced Placement program.

# English

## **9001/9002 ENG 9 A/B (P)**

*Grade level: 9*

*A-G Designation: B - English*

ENG 9 (P) focuses on the development of world civilizations and cultures. Students are asked to explore essential elements of human development within the themes of structure, significance, truth, society, interaction, and understanding. Literature, both fiction and nonfiction, classical and modern, illuminates the historical themes that help students meet the Common Core State Standards. Varying forms of assessment include essays, written responses, projects, and academic conversations.

## **9003/9004 ENG 9 (A/B) (H)**

*Grade level: 9*

*A-G Designation: B - English*

ENG 9 (H) focuses on the development of world civilizations and cultures. Students are asked to explore essential elements of human development within the themes of structure, significance, truth, society, interaction, and understanding. Literature, both fiction and nonfiction, classical and modern, illuminates the historical themes that help students meet the Common Core State Standards. Varying forms of assessment include essays, written responses, projects and academic conversations. This honors level class challenges students through differentiation to provide added depth, complexity, and rigor. In addition, there is an increased amount of independent reading than what is typical in a college prep class.

## **9009/9010 ENG 10 (A/B) (P)**

*Grade level: 10*

*A-G Designation: B - English*

ENG 10 (P) focuses on the modern world. Students view essential elements of modern society within the themes of moral and ethical principles, industrialization, imperialism, war and disillusionment, human rights, and ideology and democracy. Literature, both fiction and nonfiction, classical and modern, is studied to illuminate universal themes and help students meet the Common Core State Standards. Varying types of assessment, including essays, performance tasks, written responses, projects, and exams, are used to support and guide instruction.

## **9011/9012 ENG 10 (A/B) (H)**

*Grade level: 10*

*A-G Designation: B - English*

ENG 10 (H) focuses on reading literature spanning world civilizations and cultures. Students view essential elements of society within the themes of moral and ethical principles, imperialism, war and disillusionment, human rights, and ideology and democracy. Literature, both fiction and nonfiction, classical and modern, is studied to illuminate historical themes. The course prepares students to meet the Common Core State Standards and sit for the Advanced Placement exam in World History in addition to laying the foundation for AP English Language. Varying types of assessment, including essays, performance tasks, multiple-choice and short answer tests, and short and long-term projects, are used to guide instruction which is designed to meet the requirements for depth, complexity, novelty, and pacing.

## **9017/9018 ENG 11 (A/B) (P)**

*Grade level: 11*

*A-G Designation: B - English*

ENG 11 (P) focuses on non-fiction and fiction from the United States, from the beginning of the development of democratic traditions to the present day. Instruction is guided by essential themes and questions which focus students' assignments, discussions, and projects. Writing tasks, projects, and assignments align with Common Core State Standards and prepare students for the statewide assessment they will take in the spring semester. Students will take multiple Performance Tasks each semester to help prepare for this exam. Writing, reading, and critical thinking are integral and required components of this course.

## **9027 AP ENG LANGUAGE**

*Grade level: 11*

*A-G Designation: B - English*

AP ENG Language and Composition (AP) is a college-level course centered on analysis and argumentation. Students study texts and issues related to contemporary and historical society to build their critical reading, writing and thinking skills. They will demonstrate these skills through class discussions, writing, and projects in both collaborative and individual settings. Students read classic and contemporary non-fiction texts including speeches, essays, letters, and visuals by diverse authors from to explore the relationship between the text's language and its meaning. Students also use these texts to develop their own arguments with thorough reasoning and support. Students produce timed analytical and argument essays to prepare them for success on the AP Language English exam based on College Board requirements and Common Core State Standards; they also practice reading skills through multiple choice questions that will resemble those on the AP Exam. Upon completion of the course, students will have a deepened understanding of social and global issues and an enhanced ability to use their voice to both analyze and argue their position on these issues; they will also be prepared to challenge the AP Exam through strong reading and writing skills on multiple choice and essay questions.

## **9025/9026 ENG 12 (A/B) ERWC (P)**

*Grade level: 12*

*A-G Designation: B - English*

The goal of the Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of eight or more rigorous instructional modules, students in this year-long, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course—the assignment template—presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other nonfiction texts. The course materials also include modules on two full-length works (one novel and one work of nonfiction). Written assessments and holistic scoring guides conclude each unit.

## **9019 AP ENG LITERATURE**

*Grade level: 12*

*A-G Designation: B - English*

AP ENG Literature and Composition (AP) is a college-level survey class that spans 500 years of American, British and World literature. Students study the interrelationship of the individual and society in the context of personal, social, cultural, democratic, national, and world themes. Reading classic and contemporary fiction comprised of novels, plays, short stories, poems, and literary criticism by diverse writers from varied cultures, students explore the relationship between the texts' language and meaning. Students produce timed expository, analytical, and argument essays on a weekly basis -- developing their own writing style and voice -- that prepare them for success on the AP Lit English exam based on College Board requirements and Common Core State Standards. In addition to extensive poetry study, the instructor leads the class in the analysis of approximately five full-length works of fiction; the students engage in at least one independent study with a classic novel/play and/or contemporary work of their choice. Ultimately, students will leave the course with strong analytical writing skills and greater insight on how literary elements enhance the artistry of fiction.

## **4778 AP SEMINAR**

*Grade level: 10-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

#### **#### AP RESEARCH**

*Grade level: 10-12*

*Prerequisite: AP Seminar*

*A-G Designation: G - College Prep Elective*

**Coming fall 2020** - AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

#### **5862 JOURNALISM (P)**

*Grade level: 9-12, Repeatable*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

Journalism is both a writing and a production class. Students will prepare and write articles in the different journalism genres: news, sports, opinions, and features. In addition, each student will help to publish the school's newspaper, The Silvertip, tboth digitally and in print. Meeting deadlines and completing work on time are crucially important. Photography, advertising and business, distribution, graphic design, ethics, research, investigation, interviewing, creativity and computer applications contribute to the grade in the class, all leading to the successful production and distribution of the school's newspaper. Some after-school work will be required.

#### **1625 YEARBOOK PRODUCTION (P)**

*Grade level: 10-12, Repeatable*

*Prerequisite: Consent of instructor*

*A-G Designation: G - College Prep Elective*

Yearbook Production is a two semester course that provides students with multiple opportunities to practice real-world skills while developing and producing the annual yearbook from scratch. Students will be provided with specific training to enhance skills for writing copy, headlines, and captions. Participants will be trained in graphic design using innovative web-based software and Adobe InDesign and PhotoShop, and will put their knowledge into practice by designing layouts and editing digital photos. Students will be required to conduct interviews and research, meet deadlines, work both independently and collaboratively, understand the ethical responsibilities of journalism, hone communication skills, and harness creativity. Some after-school work will be required.

#### **6236 ELD 1**

#### **1325 ELD 2**

*Grade level: 9-12*

*Prerequisites: Appropriate scores on the ELPAC and/or completion of the preceding ELD class.(ELD 1 and 2 - 2 periods per day – 20 credits)*

*A-G Designation: N/A*

Both courses are specifically designed for English language development of students who are at the emerging level of English proficiency and whose first language is not English. The students develop social and academic English language skills in the four domains of language: reading, writing, speaking, and listening. The students read, analyze, interpret and create a variety of literary and informational text types. They develop an understanding of how language is a complex, dynamic, and social resource for making meaning, as well as how content is organized in different text types and across disciplines using text structure, language features, and vocabulary depending on purpose and audience. They demonstrate knowledge of content through oral presentations, writing tasks, collaborative conversations, and multimedia.

**7281 ELD 3 (P)****7285 ELD 4 (P)**

Grade level: 9-12

Prerequisites: Appropriate scores on ELPAC and/or completion of the preceding ELD class. (ELD 3 and 4 – 1 period per day – 10 credits)

Students will take ELD 3 or ELD 4 in conjunction with their grade level ELA course.

*A-G Designation: B - English*

Both courses are specifically designed for English language development of students who are at the expanding or bridging level of English proficiency and whose first language is not English. The students develop increased proficiency in academic English language skills in the four domains of language: reading, writing, speaking, and listening according to the ELD Standards. The students read, analyze, interpret and create a variety of literary and informational text types. They develop an understanding of how language is a complex, dynamic, and social resource for making meaning, as well as how content is organized in different text types and across disciplines using text structure, language features, and vocabulary depending on purpose and audience. They demonstrate knowledge of content through oral presentations, writing tasks, collaborative conversations, and multimedia. They develop increasing proficiency in academic language shifting language use based on, task, purpose, audience, and text type.

**1217 ENGLISH SUPPORT**

Grade level: 9-12

*Prerequisite: Assisting Principal or EL Coordinator's recommendation*

*A-G Designation: N/A*

English support is designed to improve the reading comprehension of struggling readers incl. Long Term English learners and prepare them for reading success in all their content area classes. Further, to increase their Lexile levels with the goal of reading at grade level. Students will primarily use an interactive computer based program, Achieve 3000. It is designed to accelerate reading comprehension for adolescent students who have agility with social interaction of English, while lacking the advanced linguistic knowledge and skills required by complex secondary coursework. Achieve 3000 propels students to a higher English language proficiency through a consistent series of lessons derived from research-based principles that maximize students' reading engagement. Students participate in small groups, independent reading, and computer-based learning programs to track gains.

# Mathematics

## 1667 ESSENTIALS OF ALGEBRA

*Grade level: 9 or teacher recommendation*

*Prerequisite: 8th grade placement criteria*

*A-G Designation: N/A*

This course is a non-college prep introduction to algebra with an emphasis on basic vocabulary and fundamental operations. The course is designed to meet the needs of students who do not meet prerequisites for Algebra I.

## 7532 ALGEBRA I (P)

*Grade level: 9-12*

*Prerequisite: Grade of D or better in Essentials of Algebra or a grade of a C or better in Math 8 (Intermediate Algebra/Geometry).*

*A-G Designation: C - Mathematics*

The Algebra 1 course is the first course in the high school sequence aligned with the Common Core State Standards for Mathematics (CCSS-M).

The purpose of this course is to provide opportunities for students to gain fluency with linear, quadratic and exponential functions. Students will engage in contrasting linear, quadratic and exponential functions, in addition to analyzing, solving and using these functions to model real-world situations. Throughout the course, students will gain understanding and use the formal definition of functions and their notation, and will use them to interpret and build functions. Students will also discover the analogous nature of polynomials with integers, and will begin their study of statistics, focusing on interpreting categorical and quantitative data. In addition to the CCSS-M standards content standards for Algebra 1, students will experience and gain fluency with the eight Standards for Mathematical Practice.

## 0390 ALGEBRA SUPPORT

*Grade level: 9-12*

*Co-requisite: Algebra 1, teacher recommendation*

*A-G Designation: N/A*

Algebra Support provides students enrolled in Algebra 1 with supplemental opportunities to achieve success in that course. The course offers opportunities for practice with individualized assistance, basic skills review, and development of core algebra concepts. The course offers preview lessons and repeated lessons for difficult concepts. Students' math confidence is improved through the use of structured activities, close monitoring, and increased opportunities for expressing questions and concerns in a positive environment. Students in the class build core math competencies and gain communication skills to further their success in the Algebra 1 classroom and beyond.

## 7534 GEOMETRY (P)

*Grade level: 9-12*

*Prerequisite: Grade of D or better in Algebra I*

*A-G Designation: C - Mathematics*

The Geometry course is the second course in the high school sequence aligned with the California Common Core State Standards for Mathematics (CCSS-M). The purpose of this course is to introduce students to formal geometric proofs and the study of plane figures, culminating in the study of right triangle trigonometry and circles. Throughout the course, students will gain experience in proving results about the plane formally, using previously defined terms and notions. Students will explore transformations, proving geometric theorems, congruence and similarity, right-triangle trigonometry and probability. In addition to the CCSS-M content standards for Geometry, students will experience and gain fluency with the eight Standards for Mathematical Practice.

## 0214 GEOMETRY (H)

*Grade level: 9-12*

*Prerequisite: Grade of A in Algebra I or grade of A or B AND teacher recommendation in Accelerated Algebra or, teacher recommendation.*

*A-G Designation: C - Mathematics*

This course covers the same topics as listed in Geometry in addition to enhanced (+) standards outlined in the California Mathematics Framework for the Geometry course. Students will gain greater understanding of trigonometry through deriving formulas and proving, using, and understanding the application of laws of sines and cosines. In addition, students in honors Geometry will gain a deeper understanding of using probability models and probability experiments to make decisions.



### **7537 ALGEBRA 2 (P)**

*Grade level: 9-12*

*Prerequisite: Grade of D or better in Geometry.*

*A-G Designation: C - Mathematics*

The Algebra 2 course is the third course in the high school sequence aligned with the California Common Core State Standards for Mathematics (CCSS-M). The purpose of this course is to extend and deepen students understanding of numbers and functions. Throughout the course, students will explore polynomial and rational functions, and their relationship to integers and rational numbers respectively. Students will examine the relationship of a function and its inverse, through exponential and logarithmic functions. Students will study trigonometric functions and expand their knowledge of statistics to include understanding of the normal distribution. In addition to the CCSS-M content standards for Algebra 2, students will experience and gain fluency with the eight Standards for Mathematical Practice.

### **9874 ALGEBRA 2 (H)**

*Grade Level 9-12*

*Prerequisite: Grade of B or better in Geometry (H) or Grade of A or better in Geometry (P) and teacher recommendation.*

*A-G Designation: C - Mathematics*

This course covers the same topics as listed in Algebra 2 in addition to enhanced (+) standards outlined in the California Mathematics Framework for the Algebra 2 course. Students will examine polynomial identities to include complex numbers and know and apply the Fundamental Theorem of Algebra and the Binomial Theorem. Students will also extend their knowledge of rational expressions by graphing more complex functions and identifying their key features. Students will gain greater understanding of trigonometry by utilizing additional identities and further investigating patterns of the unit circle. In addition, students in honors Algebra 2 will extend their understanding of probability by analyzing decisions and strategies in more complex situations.

### **7369 CALCULUS P**

*Grade level: 9-12*

*Prerequisite: Algebra 2*

*A-G Designation: C - Mathematics OR G - College Prep Elective*

The major purpose of this course is to provide a year-long study of an entry level pre-calculus course and an introduction to calculus. Topics include trigonometry, limits and continuity, differentiation, applications of derivatives, integration, and applications of the integral. This course is appropriate for a college-bound student.

### **2223 AP CALCULUS AB**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: C - Mathematics OR G - College Prep Elective*

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

### **2225 AP CALCULUS BC**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: C - Mathematics OR G - College Prep Elective*

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

### 7368 STATISTICS (P)

Grade level: 9 -12

Prerequisite: Grade of D or better in Algebra 2

A-G Designation: C - Mathematics OR G - College Prep Elective

This is a college level introduction to statistics. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course has four broad conceptual themes: 1) exploring data; 2) planning a study 3) anticipating patterns in advance, and 4) statistical inference. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by state gifted standards and to prepare students for the Advanced Placement program.

### 7367 AP STATISTICS

Grade level: 9-12

Recommended Prerequisite: strong algebra 2 students

A-G Designation: C - Mathematics OR G - College Prep Elective

This is a college level introduction to statistics. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course has four broad conceptual themes: 1) exploring data; 2) planning a study; 3) anticipating patterns in advance, and 4) statistical inference. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by State gifted standards and to prepare students for the Advanced Placement program.

### 2850/2860 MATH PREP 1 (Equivalent to Palomar Math 50/60)

Grade: 12

Prerequisite: None

A-G Designation: N/A

#### Math 50 (1<sup>st</sup> semester)

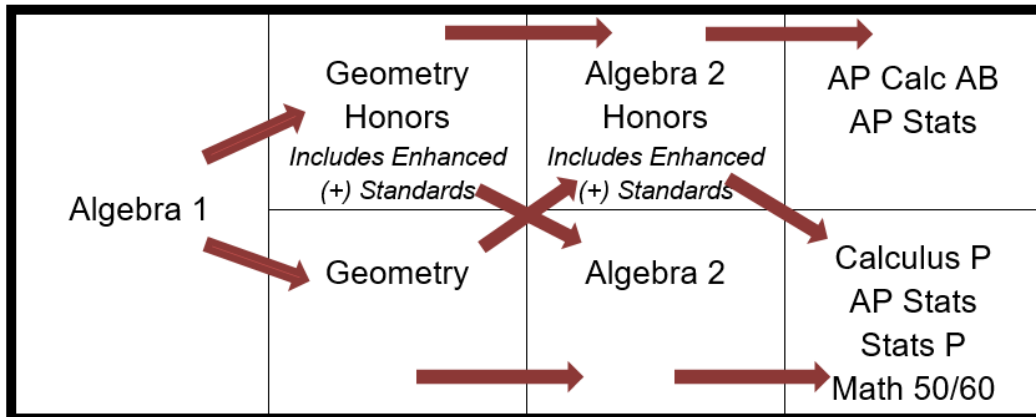
Elementary algebra which emphasizes mathematical reasoning, problem-solving, and real-world applications using numerical, algebraic, and graphic models. Topics include problem-solving techniques, algebraic expressions, polynomials, linear equations, linear inequalities, linear and nonlinear graphs, systems of linear equations in two variables, integer exponents, proportions, and radicals.

#### Math 60 (2<sup>nd</sup> semester)

Graphic, numeric, analytic and applied perspectives on topics including linear, quadratic, exponential and logarithmic functions, exponents and radicals, linear and nonlinear systems of equations and inequalities.

**\*\*Note: Students who pass both semesters with a C or better will be able to enroll in a college level math course in the Fall at Palomar College**

### SMUSD Mathematics Sequence



# Science

## Life Science

### **7550 BIOLOGY OF THE LIVING EARTH P**

*Grade level: 9*

*A-G Designation: D - Science*

This is a college prep lecture/laboratory course based on the Next Generation Science Standards (NGSS) that includes the following instructional segments: Ecosystem's Interaction, Stability and Response to Climate Change, Photosynthesis and Respiration, Evolution, Growth, Structure and Function of Cells. Students will carry out investigations, use computational skills to analyze data, design solutions using engineering practices, and use language skills to relate relevant information. This class is a graduation requirement.

### **3030 AP BIOLOGY**

*Grade: 10-12*

*Prerequisite: Grade of B or better in Biology and a B or better in Chemistry recommended.*

*A-G Designation: G - College Prep Elective*

This is a university level lecture/laboratory course taught in accordance with College Board standards. Topics covered include biochemistry, ecology, genetics, anatomy, physiology, evolution, animal behavior, molecular and cell biology, and plant and animal physiology. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by State gifted standards and to prepare for the Advanced Placement Program. Students are expected to take the AP Biology test in the spring and have the opportunity to receive college credit.

### **7552 FORENSIC SCIENCE (P)**

*Grade level: 11-12*

*Prerequisite: Successful completion of one year of physical science, and one year of life science*

*A-G Designation: G - College Prep Elective*

Forensic science is the application of multiple scientific disciplines to the investigation of criminal or civil questions of the law. Forensics science utilizes the principles, facts, and lab techniques from the fields of chemistry, biology, physics, earth science, anatomy and physiology to analyze and interpret evidence within the realm of our legal system. We will begin with an introduction to scientific inquiry and the process of forensic investigation. We will begin with an introduction to scientific inquiry and the process of forensic investigation. We will then apply our knowledge of investigation to the analysis of trace evidence (hair, fiber, fingerprints, etc.), DNA, blood, bodies, ballistics, toxicology, entomology, botany and anthropology. Students will actively participate in labs and activities relating to the investigation of crime scenes and the analysis of evidence while developing their writing, problem solving and critical thinking skills. In addition, the ethical, legal, and social concerns surrounding forensics will be discussed. This course meets the University of California and California State University entrance requirements.

### **5401 HUMAN ANATOMY AND PHYSIOLOGY (H)**

*Grade level: 11-12*

*Prerequisite: Grade of C or better in Biology (H, P, or Biomed) and C of better in Chemistry recommended.*

*A-G Designation: G - College Prep Elective*

Human Anatomy and Physiology Honors is a course for students who are interested in an in-depth understanding of the structures and functions of the human body. It was significantly greater depth than college preparatory anatomy and Physiology requiring application, analysis, and evaluation of the material, the understanding and use of concepts as well as facts regarding the interrelatedness of the human body systems. This course is recommended for those pursuing a career in the health science field in college. It has a substantial laboratory component, including several dissections, which will complement lectures, discussion and demonstrations. This course has been approved for a weighted grade through the University of California (UC).

## Physical Science

### 3646 CHEMISTRY IN THE EARTH SYSTEM (P)

Grade level: 10-12

Prerequisite: none

A-G Designation: D - Science OR G - College Prep Elective

This is a college prep lecture/laboratory course based on the Next Generation Science Standards (NGSS) that includes the following instructional segments: Combustion, Heat and Energy in the Earth System, Atoms, Elements, and Molecules, Chemical Reactions, Chemistry of Climate Change, Dynamics of Chemical Reactions and Ocean Acidification. It is recommended that students have a scientific calculator. This class is a graduation requirement.

### 3548 AP CHEMISTRY

Grade level: 10-12

Recommended: Grade of C or better in Chem

A-G Designation: G - College Prep Elective

AP Chemistry is a comprehensive, college level chemistry course taught in a high school setting. AP Chemistry provides students with a foundation to support future advanced coursework in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. A special emphasis is placed on developing scientific skills through the planning and conducting of laboratory investigations. As preparation for the AP exam, chemistry students will work toward mastery of the following skills:

- Solve problems mathematically and conceptually
- Design and describe experiments
- Perform data and error analysis
- Explain, reason, or justify answers
- Interpret and develop conceptual models.

### 3886 PHYSICS OF THE UNIVERSE (P)

Grade level: 10-12

Prerequisite: Grade of B or better in Geometry or Algebra II recommended.

A-G Designation: D - Science OR G - College Prep Elective

This is a college preparatory class looking into the relationships between matter and energy. We will be covering the following topics: linear motion, Newton's laws of motion, circular motion, gravitation, work-energy relationships, momentum, thermodynamics, light, magnetism, and electricity. This is a math intensive course; students should have strong algebra skills and will need a scientific calculator.

### 3564 AP PHYSICS

Grade Level: 10-12

Recommended Prerequisite: Grade B or better in geometry, concurrent enrollment in algebra II or higher

A-G Designation: G - College Prep Elective

This is a university level lecture and laboratory science course taught in accordance with the College Board standards. In this algebra based, intensive, fast paced class, we will cover the following topics: linear motion, forces, particle motion and circular motion. Further topics include gravitation, momentum and energy as well as rotational motion, simple harmonic motion, waves and electricity.

### 4495 BIOCHEMISTRY (H)

Grade level: 11-12

Prerequisite: Successful completion of Biology and Chemistry

A-G Designation: G - College Prep Elective

Students can receive 5 units college credit and co-enroll with CSUSM for a fee. The 5 units college credit are transferable to any college in the US.

This course provides a foundation for students pursuing a degree in a health or science related field: Medicine, nursing, pharmacy or research. This class can also count as a general education physical science requirements at a lower division college level. Biochemistry is a rigorous laboratory science course that focuses on the basic principles of general, organic, and biochemistry as needed to understand the physiology and pharmacology of the human body. Students are introduced to foundational organic and biochemistry and its correlation to human physiology, health, medicine, and

nutrition. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by CSUSM. This course has been approved for a weighted grade through the University of California (UC).

### **5408 AP ENVIRONMENTAL SCIENCE**

*Grade level: 11-12*

*Recommended Prerequisite: Completion of one year of life and physical science.*

*A-G Designation: G - College Prep Elective*

Advanced Placement Environmental Science is designed to be a college level lecture/laboratory course. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, and to evaluate the risks associated with these problems while examining alternative solutions for resolving and/ or preventing them.

### **4716 LEADERSHIP (Laboratory Technician)**

*Grade level: 11 – 12*

*Prerequisite: Grade of B or better in Chemistry or Honors Chemistry and Teacher Recommendation*

*A-G Designation: G - College Prep Elective*

Science Department Laboratory Technicians are assigned to teachers to assist in the preparation of laboratory supplies for the various courses offered at Mission Hills. Lab Techs need to aware of common laboratory techniques and scientific process in order to properly assist a teacher.

# Language other than English

## AMERICAN SIGN LANGUAGE

### 6852 AMERICAN SIGN LANGUAGE 1 (P)

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: E - Foreign Language*

American Sign Language 1 is an introduction to ASL emphasizing basic communication skills of listening, speaking, reading, and writing. The focus of the class will include receptive and productive skills (basic signs, grammar, finger-spelling) and awareness of deaf culture.

### 6853 AMERICAN SIGN LANGUAGE 2 (P)

*Grade level 10-12*

*Prerequisite: Grade D or better in American Sign Language 1*

*A-G Designation: E - Foreign Language*

American Sign Language II is an intermediary course to American Sign Language as it is used within the deaf culture. Instruction includes new vocabulary, construction of complex sentences, as well as deeper look into the history and culture of deaf people.

### 6854 AMERICAN SIGN LANGUAGE 3 (P)

*Grade level 11-12*

*Prerequisite: Grade D or better in American Sign Language 2*

*A-G Designation: E - Foreign Language OR G - College Prep Elective*

Develop vocabulary, conversational competence, and grammatical knowledge with a total immersion approach. Introduces increasingly complex grammatical aspects including those unique to ASL. Discusses culture and literature. Contact with the Deaf Community is encouraged to enhance linguistic and cultural knowledge.

## FRENCH

### 4071 FRENCH 1 (P)

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: E - Foreign Language*

This course provides an introduction to the French language and the culture of French-speaking people. Listening, speaking, reading, and writing are included.

### 4085 FRENCH 2 (P)

*Grade level: 10-12*

*Prerequisite: Grade D or better in French 1*

*A-G Designation: E - Foreign Language*

Conversation, communication, and composition are emphasized in this course, which focuses on grammar and vocabulary. The class is conducted in both English and French.

### 4111 FRENCH 3 (H)

*Grade level: 11-12*

*Prerequisite: Grade of C or better in French 2 recommended*

*A-G Designation: E - Foreign Language OR G - College Prep Elective*

French III Honors is creative and fun, yet rigorous. Students build upon communicative and grammar skills learned at previous levels of French. Pupils are evaluated on their abilities to clearly communicate by reading, writing, speaking, and listening, while learning more about the history of literature of French-speaking places around the world. This course is designed to prepare students to be confident, proficient communicators and critical thinkers who desire to continue their studies in the French language. Emphasis is also placed on the exploration of French literature, history, cuisine, music, film, and the world of art. This course is conducted in French. This course has been approved for a weighted grade through the University of California (UC).

## SPANISH

### **4352 SPANISH 1 (P)**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: E - Foreign Language*

This course provides an introduction to the language, culture, geography, and lifestyles of people throughout the Spanish-speaking world. Emphasis is on listening, speaking, reading, and writing skills which provide the foundation for the following years of world languages study.

### **4365 SPANISH 2 (P)**

*Grade level: 9-12*

*Prerequisite: Grade D or better in Spanish 1*

*A-G Designation: E - Foreign Language*

In this course, students continue to expand their Spanish-language skills in the areas of grammar, vocabulary, reading, writing, listening comprehension, and speaking.

### **4379 SPANISH 3 (P)**

*Grade level: 10-12*

*Prerequisite: Grade D or better in Spanish 2*

*A-G Designation: E - Foreign Language OR G - College Prep Elective*

This course places a strong emphasis on advanced grammar, the acquisition of sophisticated vocabulary, and the ability to communicate fluently in Spanish. The class consists of reading, speaking, listening comprehension, writing, and synthesis of previously learned concepts.

### **4901 SPANISH 3 (H)**

*Grade level: 10-12*

*Prerequisites: Grade B in Spanish II recommended.*

*A-G Designation: E - Foreign Language OR G - College Prep Elective*

This course emphasizes the vocabulary, grammar, reading comprehension, writing and aural skills necessary for Spanish 4 (AP). The ability to think and respond in the language is stressed along with increased oral and written expression. The class is conducted mainly in Spanish. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by state gifted standards. This course has been approved for a weighted grade through the University of California (UC).

### **6744 SPANISH LANGUAGE AND CULTURE (AP)**

*Grade level: 10-12*

*Recommended Prerequisite: Grade of B or better in Spanish III (P) or Spanish III (HP), or Advanced Spanish for Spanish Speakers and/or appropriate score on a placement test recommended.*

*A-G Designation: E - Foreign Language OR G - College Prep Elective*

This course focuses on the refinement of all skills (listening, speaking, reading, and writing) in order to improve students' abilities in these areas and prepare them to succeed on the AP exam. The class requires lengthy homework assignments, frequent compositions and presentations, the addition of much new vocabulary, and oral participation. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by State gifted standards and to prepare students for the Advanced Placement program. Class will be conducted in Spanish.

### **0162 SPANISH LITERATURE (AP)**

*Grade level: 10-12*

*Recommended Prerequisite: Grade of B or better in Spanish for Spanish Speakers III or Spanish Language (AP), or equivalent.*

*A-G Designation: E - Foreign Language OR G - College Prep Elective*

This course covers selected authors and works from the literature of Spain and Latin America. Focus is on the understanding and analysis of literary texts. The course prepares students to understand lectures and participate in discussions conducted in Spanish, do close reading of Spanish texts of all genres, and analyze both orally and in writing the form and content of works, including poetry. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by State gifted standards and to prepare students for the Advanced Placement program.

**3181 SPANISH FOR SPANISH SPEAKERS 1 (P)**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: E - Foreign Language*

Students who already speak and understand Spanish will develop listening, speaking, reading, and writing skills in their native language. The course provides a more formal command of the native language, a higher level of proficiency in communication, and an appreciation of the Hispanic cultures and social heritages.

**6220 SPANISH FOR SPANISH SPEAKERS 2 (P)**

*Grade level: 9-12*

*A-G Designation: E - Foreign Language*

*Prerequisite: Appropriate score on placement test or C or better in Spanish for Spanish Speakers I*

In this course, students continue to develop and enhance listening, speaking, reading, and writing skills in their native language. Critical thinking skills and appreciation of the Hispanic cultures also are emphasized.



# Visual & Performing Arts (VAPA)

## **3725 AP ART HISTORY**

Grade Level: 11-12

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This is a college level class on the history of art, painting, sculpture and architecture, from the earliest cave paintings to the most modern creations. Class work includes identification and analysis of artwork and writing of evaluations and critiques. Instruction is differentiated in order to provide the depth, complexity, novelty, and pacing required by State gifted standards and to prepare students for the Advanced Placement examination

## **CERAMICS**

### **7813 CERAMICS 1 (P)**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This course includes a broad foundation of ceramic techniques including hand-built as well as wheel-thrown methods. Creating functional and sculptural forms, students learn glazing and decorating techniques that are applied with the elements and principles of visual design. This is a standards-based curriculum that places an emphasis on creativity and abstract problem solving with the ceramic medium.

### **7814 CERAMICS 2 (P)**

*Grade Level: 10 – 12*

*Prerequisite: Ceramics (P)*

*A-G Designation: G - College Prep Elective*

This course will build upon the technical foundation of handbuilding and wheel-throwing processes learned in beginning ceramics. This course will teach more advanced clay forming and decorating techniques. An emphasis will be placed on the representation of students' ideas in sculptural pieces as well as on historical roots and the balance of form and function in making useful pieces. Students will be allowed more independence creating projects that capture their interests. This course is repeatable with teacher recommendation.

### **4246 AP STUDIO ART: 3-D DESIGN**

*Grade Level: 10-12*

*Recommended Prerequisite: Ceramics (P)*

*A-G Designation: G - College Prep Elective*

This is a rigorous, college level course for advanced students seeking concentrated exploration in the field of art. Students will create a portfolio of -original artwork 3D Design (Ceramics).

## **DANCE**

### **0395 DANCE 1 (P)**

*Grade level 9-12, Repeatable*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

In this co-ed course, students learn dance at the beginning and intermediate levels. Many styles are explored with an emphasis on ballet basics, jazz, modern, and musical theater. Improvisation and choreography are introduced. Performance, although not required, students have opportunities to perform during the year onstage in our productions. Students wear *all black dance or athletic attire*. This course may be taken to meet physical education or fine arts graduation requirements.

### **1099 DANCE 2 (P)**

*Grade level 10-12, Repeatable*

*Prerequisite: Dance I or teacher's permission.*

*A-G Designation: G - College Prep Elective*

In this co-ed course, students study dance at the intermediate to advanced levels. Ballet, jazz, modern, and musical theater dance are emphasized, and improvisation and choreography are explored. Performance is required, and students have opportunities to perform throughout the year. This class emphasizes creativity, problem-solving skills, and collaboration. Students are expected to concentrate on technique and performance skills. Black dance attire is worn. The course may be taken to meet physical education or fine arts graduation requirements.

### **7549 DANCE PRODUCTION (P)**

*Grade level: 10-12, Repeatable*

*Prerequisite: Completion of Dance I and/or teacher's approval; audition required.*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This advanced dance class is a performing group which focuses on dance technique and gives students the opportunity to choreograph and perform their own work. Performance is required. Course work includes dance studies emphasizing creativity, problem-solving skills, collaboration and application of techniques of ballet, jazz, and modern performance skills. All black dance attire is worn. This course may be used to meet either fine arts or physical education requirement.

### **2522 CHOREOGRAPHY (P)**

*Grade level: 9-12, Repeatable (This class meets 7<sup>th</sup> period)*

*Co-requisite: Must be concurrently enrolled in Dance I, Dance II or Dance Production class.*

*A-G Designation: G - College Prep Elective*

This advanced repertory course is a choreography making class in which students create and rehearse work for performance. Choreography strategies are discussed and applied to making movement. Students will also work with guest choreographers, as well as learning to apply technical and choreographic studies. Students should come dressed in dance or athletic attire.

## **Digital Music**



### **4301 DIGITAL MUSIC 1 (P)**

*Grade Level: 9-12*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

The Music Theory and Technology course prepares students for careers in music ranging from performer to producer; from composer to recording engineer; from musicologist to music executive. It is designed to give students the opportunity to enrich their knowledge of music through technology, performance, theory, and history. The course is taught in a state-of-the-art digital music studio and students are given hands-on experience with software, instruments, and equipment. Students will develop technical and creative skills through composing, analyzing, performing and recording music. This course meets or exceeds standards in the Visual and Performing Arts framework

### **4302 DIGITAL MUSIC 2 (P)**

*Grade Level: 10-12, Repeatable*

*Prerequisite: Basic piano skills/Consent of instructor or completion of Digital Music I (P)*

*A-G Designation: G - College Prep Elective*

Students in digital music will focus on composition techniques and songwriting skills while learning elements of computer based music and digital editing. Students will learn how to use *Garageband* software, *Reason* music synthesis, *Pro Tools* editing and *Logic* music creation programs.

### **7126 AP MUSIC THEORY**

*Grade Level: 10-12*

*Prerequisite: Digital Music 1 P AND/OR Concert Band, Symphonic Band, Percussion, & Wind Ensemble, or instructor approval*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This one-year course is designed to prepare the student for the Advanced Placement Examination. The course will develop the students' ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a musical score. Students will develop their aural, sight-singing, compositional, and analytical skills through the study of diatonic & chromatic harmony, counterpoint, melody, meter, score reading, ear training (recognition, dictation & error detection), sight-singing and the terminology used in music. Elements of jazz and 20th century classical music will also be discussed.

## DIGITAL PHOTOGRAPHY



### 2093 DIGITAL PHOTOGRAPHY 1 (P)

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

An introduction to digital photography using digital cameras and basic image editing software. This course explores the elements of art, principles of design, and photographic composition. This course also explores lighting techniques, digital image manipulation, and career skills. Students will learn to analyze visual media critically and to communicate with intention through their photographs.

### 2094 DIGITAL PHOTOGRAPHY 2 (P)

*Grade level: 10-12*

*Prerequisite: Digital Photography 1 (P)*

*A-G Designation: G - College Prep Elective*

This course takes the skills and knowledge introduced in Digital Photography to help students refine their photography and design skills using industry standard computer programs and equipment. Through several creative projects and on the job training, students will solve visual problems and explore careers in the visual media arts. Students will develop their personal voice and style as a photographer and will produce a final portfolio of work.

### 4248 AP STUDIO ART: 2-D DESIGN

*Grade Level: 10-12*

*Recommended Prerequisite: Photography (P)*

*A-G Designation: G - College Prep Elective*

This is a rigorous, college level course for advanced students seeking concentrated exploration in the field of art. Students will create a portfolio of original artwork 2D Design (Photography).

## DRAMA/THEATER

### 0778 DRAMA 1 (P)

*Grade level: 9-12, Repeatable*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This course covers an introduction to acting on-stage. Provides introduction to basic acting techniques, improvisation, theater history, play analysis, and musical theater. The primary focus of this class is performance and students will perform various scenes and monologues throughout the year. Principles of drama criticism are also introduced, and students write critiques of dramatic literature.

**0779 DRAMA 2 (P)**

*Grade level: 10-12, Repeatable*

*Prerequisite: Completion of Drama 1 and consent of instructor.*

*A-G Designation: G - College Prep Elective*

This course provides an increasing amount of on-stage time with scene assignments and improvisation. Provides a greater focus on advanced acting methods, audition techniques, and dramatic criticism. Principles of directing are introduced and there is an increased emphasis on written critiques of dramatic literature and theatre history. Student-directed one-act plays are rehearsed and performed.

**0398 DRAMA PRODUCTION (P)**

*Grade level: 10-12, Repeatable*

*Prerequisite: Audition and/or consent of instructor.*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

In this course, acting and technical theatre skills are applied in the production of a full-length play performance. This class is offered after school and has attendance requirements beyond the traditional school day.

**6609 VIDEO PRODUCTION (P)**

*Grade level: 10-12, Repeatable*

*Prerequisite: Consent of instructor*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This course covers the processes used to create video segments for TV news, websites, and other media. Skills addressed include producing, editing, and directing as well as on-screen presentation and effective camera work. Students will work together to produce segments for our on-campus TV News show (ONE TV) as a primary focus. However this class encompasses much more than just the news show, and encourages creativity and artistry in producing any video project. Planning, writing, gathering information and reporting will be a regular duty for each member of the class.

**DRAWING AND PAINTING****8340 DRAWING AND PAINTING 1 (P)**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

In this introductory, standards-based course, students learn to explore, create, understand, evaluate and critique art. Students learn to see as an artist sees, using right-brain drawing techniques to improve drawing and painting skills. The emphasis is on drawing and painting from observation.

**8341 DRAWING AND PAINTING 2 (P)**

*Grade Level: 10-12*

*Prerequisite: Grade C or better in Drawing and Painting and teacher recommendation.*

*A-G Designation: G - College Prep Elective*

This rigorous, upper-level coursework is designed to further challenge students who have already completed a year of high school level Drawing and Painting. Students will refine skills in observational drawing and develop a portfolio of works that explore original ideas using a variety of media and forms of expression. This course will serve as a pre-AP course to AP Studio Art/Drawing portfolio.

**4247 AP STUDIO ART: DRAWING**

*Grade Level: 10-12*

*Recommended Prerequisite: Drawing and Painting (P)*

*A-G Designation: G - College Prep Elective*

This is a rigorous, college level course for advanced students seeking concentrated exploration in the field of art. Students will create a portfolio of original artwork in Drawing and Painting.

## METALSMITHING

### 6114 METALSMITHING 1 (P)

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This course is designed to introduce techniques and processes in metalsmithing and jewelry. Students will develop a skill-set in working with non-ferrous metals such as sawing, soldering, hammering, and riveting. Through applying the elements and principles of art, students will create small scale sculpture and jewelry. This is a standard-based curriculum that emphasizes critical thinking, creativity, and self-expression using metal.

### 6115 METALSMITHING 2 (P)

*Grade level: 10-12, Repeatable*

*Prerequisite: Metalsmithing (P)*

*A-G Designation: G - College Prep Elective*

This course is a deeper exploration of using non-ferrous metals to create small sculpture, functional objects, and jewelry. The course is intended to refine skills and introduce advanced metalsmithing techniques and processes such as casting, forming larger hollow forms, and forging. Concept development and sophisticated design is greatly emphasized. Students will be given some freedom in developing these ideas to cultivate their own artistic style and aesthetic. This Standard-based curriculum emphasizes critical thinking, creativity, and self-expression using metal.

### 4245 AP STUDIO ART: 3DM

*Grade Level: 10-12*

*Recommended Courses: Metalsmithing (P)*

*A-G Designation: G - College Prep Elective*

This is a rigorous, college level course for advanced students seeking concentrated exploration in the field of art. Students will create a portfolio of -original artwork in 3D Design (Metalsmithing).

## MUSIC

### 1181 CONCERT BAND, SYMPHONIC BAND, PERCUSSION AND WIND ENSEMBLE (P)

*Grade level: 9-12, Repeatable*

*Prerequisite: Symphonic Band & Wind Ensemble require audition and/or consent of instructor.*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

Concert band students work to develop strong fundamental skills in the performance of wind and percussion instruments. Elements of music theory, harmony, and rhythm are covered and an emphasis is placed on individual as well as ensemble musicianship. Students may have the ability to move to a more advanced ensemble at the semester break. Percussion students will be required to concurrently enroll in Marching Band.

### 1580 MARCHING BAND

*Grade level: 9-12, Repeatable*

*Prerequisite: Consent of instructor and concurrent enrollment in either Concert Band, Color Guard, or Percussion Ensemble*

*A-G Designation: G - College Prep Elective*

*\*Fall semester of Marching Band counts as 5 credits of PE*

Students enrolled in the marching band will be required to attend after school rehearsals, performances, and competitions. Attendance at band camp prior to the beginning of the school year will be required of all who enroll in the marching band. Students may be able to fulfill the physical education graduation requirements through participation in the marching band.

**0875 JAZZ ENSEMBLE (P)**

*Grade Level: 9-12, Repeatable*

*Prerequisite: Audition and/ or consent of instructor.*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

Enrollment in the jazz ensemble will be limited to students who perform on the following instruments: saxophone, trombone, trumpet, drums, bass, guitar, and auxiliary percussion. Students will audition at the beginning of the school year. Because of the limited number of spots available, some students wishing to enroll in the jazz ensemble may not be able to take the class.

**5915 COLOR GUARD (P)**

*Grade level: 9-12, Repeatable*

*Prerequisite: Audition and/or consent of teacher.*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

Color Guard participants learn to perform dance routines with equipment such as flags and simulated rifles. During fall semester, students perform with the marching band at home football games and in competitions. In the spring, students perform at competitions sponsored by the Winter Guard Association of Southern California.

**6427 CHORUS (P)**

*Grade level: 9-12, Repeatable*

*Prerequisite: None*

*A-G Designation: F - Visual and Performing Arts OR G - College Prep Elective*

This class explores all styles of vocal music. Elements of harmony and theory are covered. The class is a performing group appropriate for both experienced and inexperienced singers.

# AVID

## **3140 AVID 9 (P)**

*Grade level: 9*

*Prerequisite: Make written application to the program. Student must be "A-G" eligible.*

*A-G Designation: G - College Prep Elective*

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Some students will have previous experience with AVID at the middle grades, and some students will be experiencing AVID for the first time. Either way, the ninth grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

## **3141 AVID 10 (P)**

*Grade level: 10*

*Prerequisite: Make written application to the program (continuing AVID students need not re-apply). Students must maintain "A-G" eligibility.*

*A-G Designation: G - College Prep Elective*

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. During the tenth grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

## **3142 AVID 11 (P)**

*Grade level: 11*

*Prerequisite: Make written application to the program (continuing AVID students need not re-apply). Students must maintain "A-G" eligibility.*

*A-G Designation: G - College Prep Elective*

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic survival skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. The eleventh grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans. Students are required to take the SAT and/or ACT.

### **5910 AVID SENIOR SEMINAR (P)**

*Grade level: 12*

*Prerequisite: Prior AVID enrollment in 11<sup>th</sup> grade and concurrent enrollment in an Honors or AP class, as well as "A-G" eligibility must be evident on the student's transcript.*

*A-G Designation: G - College Prep Elective*

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic survival skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. The AVID Elective twelfth grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course. All AVID seniors are required to take an AP/H/CC course, a math course, and apply to at least one four-year university. Students are assisted with the college application process, FAFSA, financial aid, letters of recommendation, and scholarship applications.

### **4275 AVID STUDENT TUTOR**

*Grade level: 11-12, repeatable*

*Prerequisite: Tutor must be approved by AVID program director.*

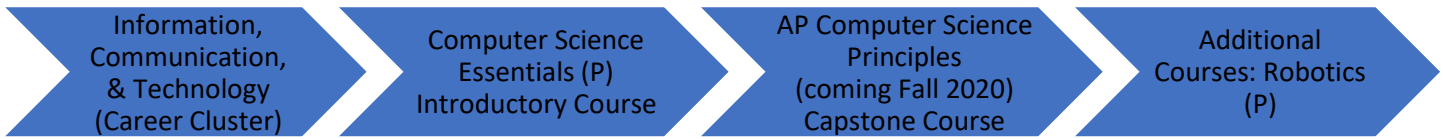
*A-G Designation: N/A*

This is a one-year elective course for students whose primary responsibility will be tutoring in the AVID program. AVID student tutors are expected to have mastered core academic subjects such as AP or honors English, social science, advanced math, and science. Student tutors will tutor small groups of AVID students twice a week during a portion of the AVID class, and assist students with their binders to enhance academic skills. Tutors will receive training prior to assignment.



# Career & Technical Education (CTE)

## Computer Science



### 2892 COMPUTER SCIENCE ESSENTIALS (P)

Grade level: 9 – 12

Prerequisite: None

*A-G Designation: G - College Prep Elective*

Using multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSE helps students develop programming expertise and explore the workings of the Internet. Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

### 2894 AP COMPUTER SCIENCE PRINCIPLES

Grade level: 10 -12

Prerequisite: POE (Principles of Engineering) or CSE (Computer Science Essentials)

*A-G Designation: G - College Prep Elective*

**Coming fall 2020.** Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Students collaborate to produce programs that integrate mobile devices and leverage those devices for distributed collection and data processing. Students analyze, adapt, and improve each other's programs while working with industry-standard tools. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

## Culinary Arts



*The Culinary Arts Academy is a two-year program designed to prepare students for career opportunities in various areas of the foodservice industry, whether through immediate employment or transfer to a two-year or four-year college or professional culinary school. Courses are offered through the (CTE) Career Technical Education of SMUSD.*

*The Academy is aligned with the standards of the American Culinary Federation (ACF) and utilizes the National Restaurant Association Educational Foundation ProStart Curriculum for instruction of Culinary I and Culinary II. The course work allows for matriculation to The Culinary Institute of America, Arts Institute and over 500 colleges and technical schools. The Culinary Arts Academy combines culinary theory with practical hands-on laboratory experiences in a state-of-the-art instructional kitchen. Although the focus is on food preparation and production, the program includes an introduction to the hospitality industry, the principles of food safety and sanitation, culinary nutrition, purchasing and inventory control, menu planning, dining room service, and basic management concepts.*

*Students will be expected to meet high standards of professionalism, including attendance, academics, and participation. Students will be required to purchase the basic academy uniform, which consists of a chef's coat, hat and apron, which must be worn for lab activities. Students will also need to have closed toe shoes and long pants separate from the uniform. The cost is approximately \$45.*

### **3517 CULINARY ARTS 1 P**

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

This course provides first-year training in a two-year culinary arts academy designed to prepare students for a variety of culinary positions including: cook, chef, food preparation worker, baker, and caterer. Instruction includes: safety, sanitation, basic principles of food preparation, baking, cooking, portion control, service and presentation. The curriculum has been designed to align with the educational standards of CTE, ProStart and the American Culinary Federation. Students will work with professional grade equipment including stoves, radiant and convection ovens, broilers, grills, mixers, hand tools, utensils, and other commercial kitchen equipment. Students will learn how to cook and bake a variety of dishes and recipes throughout the year. This course meets the UC "G" requirement.

Students will be engaged in a variety of written assignments including the menu project where they will create and plan a menu and then cook dinner for at least 8 people. Students will document the event and provide visual and written feedback from their guests. Student must conform to safety and sanitation standards and will take the Food Handler Test.

### **3518 CULINARY ARTS 2 P**

*Grade level: 10-12*

*Prerequisite: Culinary Arts 1*

*A-G Designation: G - College Prep Elective*

This course provides the second year of training in a two-year culinary arts academy designed to prepare students for a variety of employment opportunities including: cook, chef, food preparation worker, baker, caterer, and other positions in the foodservice industry. Building on a solid foundation of culinary arts knowledge and skills, instruction includes advanced culinary skills, culinary nutrition, banquet and catering, and the basics of foodservice management and business operations. The course has been designed to align with the educational standards of CTE, the Prostart curriculum and the American Culinary Federation. Students will work with professional grade equipment including stoves, radiant and convection ovens, broilers, grills, mixers, hand tools, utensils, and other commercial kitchen equipment. Students will learn how to cook and bake a variety of dishes and recipes throughout the year. Students will be engaged in a variety of written assignments including the capstone restaurant project (Shark Tank Mission Hills) where they will create and plan a restaurant from concept to full development. Students will utilize a tri-fold board and make a 10 minute PowerPoint presentation of their concept along with a written business plan. Topics will include décor, menu, staffing, marketing, financials, executive summary and mission statement. Students will be expected to meet high standards of professionalism, sanitation and work habits. Students will learn advanced cooking techniques and food preparation. Student must conform to safety and sanitation standards and will take the Food Handler Test. This course meets the UC "G" requirement.

### **4775 HOSPITALITY MANAGEMENT (P)**

*Grades: 10-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

Students will study the evolution of the hospitality industry and how it is currently stratified. Organizational systems, management and career opportunities/salaries will be examined. Hospitality service management is viewed from both a consumer and business perspective. This introductory course provides an overview of the hospitality and tourism industry, its growth and development, industry segments and their distinguishing characteristics, trends and current concerns. Students are introduced to career opportunities and the employability skills needed to succeed in specific hospitality fields. Students will participate in field trips to local hospitality operations including hotels, resorts and private and public clubs. Students will tour the facilities and speak with the management about the how the operation delivers its guest service and how they make every guest feel important and happy. Class will also feature in class guest speakers talking about what it takes to be successful in the industry. Students will research a top hospitality company and present their finding to the class. This course meets the UC "G" requirement.

## Education & Child Development



### 4801 CAREERS IN EDUCATION (P)

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

Careers in Education is a one year course that provides training to students for a career in education and the role of the teacher in the art of K-8 instruction. Students will gain insight into the responsibilities of a teacher, child growth and development, safety, and principles of effective instruction and assessment. Students will review grade level skills in Reading, Math, and English Language Arts and learn the different methodologies, strategies and materials employed in the elementary classroom. The course will also consist of an internship second semester. Successful students are given the opportunity to participate in a site-based internship, where they will observe and assist elementary teachers in a variety of instructional support and recreational activities. As teacher assistants, they will tutor elementary students in literacy, writing and math topics. It will prepare students for entry into college or university teaching training programs. This course meets the UC "g" requirement. INT, UC/CSU

**Current job available after job completion- Child Care worker or Child Care Aide (additional course (s) may need to be taken at the college level).**

### 5553 CHILD DEVELOPMENT 1 (P)

*Grade level: 9-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

This course introduces students to the history, philosophy and major theories of child growth and development. Students will study the physical, emotional and cognitive aspects of development from conception to early adolescence. Instruction includes the biological, hereditary and environmental influences on development together with methods of supporting and promoting optimum healthy growth. It will prepare students for entry into college or university teaching training programs. This course meets the UC "g" requirement. PRQ, CCR, UC/CSU

**Current job available after course completion-Teacher's assistant, Child Care worker, Child Care Aide, Preschool Aide (additional course (s) may need to be taken at the college level).**

### 5554 CHILD DEVELOPMENT 2 (P)

*Grade level: 10-12*

*Prerequisite: Child Development 1 (P)*

*A-G Designation: G - College Prep Elective*

This Course is the second competency-based course in a sequence of two in the Child Development pathway. Students will learn and apply theoretical knowledge and practical skills in the development, teaching and guidance of children. Students will be prepared to work with children after high school graduation and will be better prepared to pursue post-secondary education in careers working with children. Students will receive the formal early childhood education training, covering the growth and development of children ages 0-36 months and 3 to 5 years old, required for the Child Development Associate credential. Through project based learning and experiences, students will: plan a safe and healthy learning environment; advance children's physical and intellectual development; support children's social and emotional development; learn how to build productive relationships with families; plan how to manage an effective program operation; develop a commitment to professionalism; understand principles of child development and learning, and will complete a minimum of 20 hours observing and recording children's behavior in an externship. This course is A-G approved and meets G requirement for UC/CSU.

## Engineering



*Project Lead the Way (PLTW) is a program that provides transformative learning experiences for K-12 students. These classes create an engaging, hands-on classroom environment and empower students to develop in-demand knowledge and skills they need to thrive. PLTW teachers have the training, resources, and support to engage students in real-world learning.*

### **4770 INTRODUCTION TO ENGINEERING AND DESIGN (H)**

*Grades: 9-12*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

Discover the role of an engineer in taking an idea from the design process to manufacturing or production. Produce a working prototype of your project (puzzle cube, mechanical toy) using industry-leading 3D design software, and a state-of-the-art 3D printer. Students work individually and in teams to dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. The course of study will include design process, technical sketching and drawing, engineering documentation and drawing, measurement and statistical analysis, applied geometry, 3D CAD Solid modeling, reverse engineering, product design, engineering ethics, virtual design teams, and presentation design and delivery. Introduction to Engineering and Design is a foundational course in Project Lead the Way high school pre-engineering program. It applies and concurrently develops secondary level knowledge and skills, while allowing students to develop strategies to enable and direct their own learning, an ultimate goal of education. This course has been approved for a weighted grade through the University of California (UC).

### **4777 PRINCIPLES OF ENGINEERING (H)**

*Grades: 10-12*

*Prerequisite: Completion of Introduction to Engineering and Design or Computing with Robotics (students who took it 2017-18 school year)*

*A-G Designation: G - College Prep Elective*

This class is a "hands-on" course to introduce students to some of the major concepts in a college level engineering course of study. Go beyond "myth-busting" to solution building! As you master the basic concepts needed to continue your education in engineering with technology, you will apply them, tackling real world challenges: building circuits, programming and building a variety of different robots, energy sources and applications, machine systems, fluid power, testing the strength and durability of materials, and understanding how things move and applying that knowledge to projects. In this class you are not alone. Team up with other students to test and share your developing skills through hands-on projects and presentations. Principles of Engineering is the second of two foundation courses in Project Lead the Way high school engineering program. This project based class challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. This course has been approved for a weighted grade through the University of California (UC).

## Healthcare



*Part of California's Career Technical Education (CTE) framework, the Mission Hills Healthcare Academy seeks to integrate academic, technical, and 21<sup>st</sup> century skills and knowledge to give students an understanding and experience of the healthcare profession, empowering them to seek employment in this highly competitive and in-demand field. This two-year program offers an excellent opportunity for students to get a head start to a post high school certificate or degree program in a healthcare field. The course of study also prepares students to engage life as critical thinkers while maintaining high standards of professionalism, academics, and service.*

## 2985 HEALTHCARE ESSENTIALS 1 P

Grade level: 9-12

Prerequisite: None

A-G Designation: G - College Prep Elective

This course is designed to be the introductory class for the Healthcare Academy. It explores a variety of healthcare careers through study and industry guest speakers. Students will learn first aid as well as an introduction to knowledge and skills used by Emergency Medical Responders. The course also includes instruction on communication skills, safety and health maintenance, and the ethical and legal responsibilities of healthcare providers. Students will also study medical terminology with an overview of anatomy and physiology. Wellness activities will be integrated into various units throughout the year to emphasize the importance of maintaining personal health for the healthcare worker. Students may earn American Heart Association Heartsaver CPR/AED First Aid certification. Students who complete this course and Health Essentials 2 with a grade of B or better may be eligible to earn college credit (EME-100) from Palomar College. In this case, students will complete and submit an application in class for admission to Palomar College. This course is UC A-G, category "G", approved.

## 2986 HEALTHCARE ESSENTIALS 2 P

Grade level: 10-12

Prerequisite: Healthcare Essentials 1

A-G Designation: G - College Prep Elective

This course is the second year of a two-year program to prepare students for a future career in the healthcare industry. The focus of this course is a clinical externship at a local, approved healthcare facility to gain real-world skills through job shadowing experiences. In the classroom, students will learn such topics as Emergency Medical Responder, advanced career exploration, and the preparation and administration of medications, among others.

**Requirements** for this course include reliable transportation, daily access to email/phone messaging app, and possession of American Heart Association Heartsaver CPR/AED First Aid certification, and the utmost professional and mature behavior. Students may earn American Heart Association BLS CPR/AED certification. Students who complete this course and Health Essentials 1 with a grade of B or better may be eligible to earn college credit (EME-100) from Palomar College. In this case, students will complete and submit an application in class for admission to Palomar College. This course is UC A-G, category "G", approved.

## Public Safety



The Public Safety Academy is part of a two-year program based on established Palomar College courses. Students who successfully complete each program will receive college credits from Palomar College as well as 20 high school credits. Criminal Justice students can receive 12 college units. The academy also fulfills the 2-year physical education requirement. The Police Instructor is an active or retired professional who enforces the strict program requirements including attendance, academics, participation and professionalism.

## 3198 CRIMINAL JUSTICE 1 (P)

Grade level: 9-12

Prerequisite: None

A-G Designation: G - College Prep Elective

Criminal Justice I is the first year in a two-year program to prepare students for college and/or a career in law enforcement and related fields. This course includes classes in crime scene investigations, introduction to criminal justice, pre-employment police fitness and law enforcement procedures. Introduction to criminal justice gives students a comprehensive overview of the criminal justice system and covers the history, theories and philosophy of the three parts of the criminal justice system. The police fitness class gives students a comprehensive focus on general fitness including healthy diet, fitness for life, cardiovascular exercises, and physical activities that will prepare the student to pass the POST required physical fitness test. The POST requires a 165 pound dummy drag, running an obstacle course, climbing a 6 foot chain link fence, and a distance run. Students must complete and submit an application for admission to Palomar College. Students must complete the course with a grade of B or better to be eligible to earn college credit from Palomar College. This course may be taken to meet physical education graduation requirement.

### **3199 CRIMINAL JUSTICE 2 (P)**

Grade level: 10-12

*Prerequisite: Criminal Justice I (P)*

*A-G Designation: G - College Prep Elective*

Criminal Justice II is the second year in a two year program to prepare students for college study and/or a career in law enforcement and related fields. This course continues with pre-employment police physical fitness and crime scene investigation. The crime scene investigation course as well as the police physical fitness course build on the concepts taught in year one. Students also take classes in preparation for law enforcement, and speech and police interview skills. Preparation for law enforcement provides students with an understanding of the pre-employment exams, the necessary job skills set forth by POST, and ways to be successful in a police academy setting. Students must complete and submit an application for admission to Palomar College. Students must complete the course with a grade of B or better to be eligible to earn college credit from Palomar College. This course may be taken to meet physical education graduation requirement.

# Physical Education

## **2580 GENERAL PHYSICAL EDUCATION**

*Grade level: 9*

*A-G Designation: NA*

In this course, students participate in a wide variety of team and individual activities that are offered in three-week blocks. Physical fitness tests are administered each semester and classroom instruction is provided on health and nutrition.

## **2652 GENERAL PHYSICAL EDUCATION**

*Grade level: 10-12, repeatable*

*Prerequisite: 2580 General Physical Education or Equivalent*

*A-G Designation: NA*

In this course, students participate in a wide variety of group and individual activities. Included are exercises on a fitness circuit which combines aerobic and strength training on state-of-the-art equipment.

## **2698 TEAM SPORTS**

*Grade level: 10-12, repeatable*

*Prerequisite: Coach's written recommendation.*

*A-G Designation: NA*

In this course, students participate in a comprehensive program designed to create measurable improvement in strength, flexibility, and aerobic capacity during the weeks of the semester that they are not actively involved with their varsity team. Cross training activities include weight training, stretching, step aerobics, off-campus running, and team sports.

## **2772 WEIGHT TRAINING**

*Grade level: 10-12, repeatable*

*Prerequisite: Grade of B or better and no U's in citizenship in General PE.*

*A-G Designation: NA*

In this course, students acquire detailed knowledge of weight training techniques and participate in aerobic/anaerobic activities designed to enhance cardiovascular fitness. Students set up individualized programs to fit their own personal needs.

## **2626 PAGEANTRY**

*Grade level 9-12, Repeatable*

*Prerequisite: Written consent of instructor.*

*A-G Designation: NA*

This is a one-semester class for the spirit and performing groups including cheerleading and competitive dance. Students must try out for the teams and be selected by a panel of judges.

## **6030 YOGA: ANATOMY IN MOTION**

*Grade level 10-12, Repeatable*

*Prerequisite: None*

*A-G Designation: NA*

This course is designed for students to develop skills and gain knowledge in human movement through the physical practice of yoga. Yoga is a combination of breath work and physical movement. This is an active class where students practice yoga while gaining a deep understanding of its influence on the physical body and overall health. Students will become familiar with healthy choices in relation to nutrition, physical activity, and well-being. Yoga postures will make direct connections to the course content in each unit. Students who are interested in careers in health and/or interested in a healthy lifestyle are greatly encouraged to take this class.

**0395 DANCE 1 (P)**

**1099 DANCE 2 (P)**

**7549 DANCE PRODUCTION (P)**

**1580 MARCHING BAND**

Can be used for PE credit. SEE VISUAL & PERFORMING ARTS SECTION FOR COURSE DESCRIPTION.

**3198 CRIMINAL JUSTICE 1 P**

**3199 CRIMINAL JUSTICE 2 P**

Can be used for PE credit. SEE CTE SECTION FOR COURSE DESCRIPTION.



## Other Classes

### **8008 ATTENDANCE AIDE**

### **8028 COUNSELING AIDE**

### **8076 LIBRARY AIDE**

### **8102 NURSE'S AIDE**

### **8106 OFFICE AIDE**

### **8174 TEACHER AIDE**

*Grade level: 11-12*

*Prerequisite: Consent of the supervising staff member*

A student may elect to work in several areas on campus as an aide. Regular and consistent attendance is required and confidentiality is expected. Students must complete TA request form. Teachers are limited to one aide per semester. **A maximum of 10 aide credits may be applied towards graduation.**

### **4256 TECHNICAL THEATRE**

*Grade level: 9-12, Repeatable*

*Prerequisite: None*

*A-G Designation: N/A*

This course covers the basics of Technical Theatre which include set and prop design and construction; lighting and sound design and implementation; and costume and makeup design for the theatre. Students work with a variety of power and hand tools as well as lighting and sound equipment to create the technical elements for scenes and plays they have read and analyzed in class.

### **3145 PLUS (Peer Leadership) P**

*Grade level: 9-12, Repeatable*

*Prerequisite: None*

*A-G Designation: G - College Prep Elective*

PLUS combines high-level critical thinking, writing, and analytical skills with project experiences and implementation, while emphasizing principles of communication. PLUS is intended to give students an opportunity to explore interpersonal and mass communications as they identify and address critical issues related to school climate. Students will become more empowered peer leaders as they hone their public speaking and problem solving skills. Students will participate in research and evaluation, project planning and execution, as well as leadership and critical thinking-based activities in order to further develop these key skills in tandem with mentorship and counseling of fellow students. Students will learn vital lessons in the areas of interpersonal communication, management, and organization. Students will be taught best practices in business development involving budgeting, marketing, target audience research, reporting, and pitching ideas for their leadership projects; subsequently, students will implement these concepts as they craft and execute their events, projects, and presentations. This class will require students to synthesize information obtained in core classes as well as work both individually and collaboratively. Findings from these experiences will lead students to become empathic and responsible citizens who can apply their knowledge to larger-scale future projects as their ages, resources, and scopes increase PLUS coursework extends and enhances the traditional PLUS program above and beyond its primary intended purpose to protect, connect, and educate students in an effort to create a culture on campuses and in communities where inclusion is a reality for young people. PLUS Team members are student leaders who facilitate healthy relations with peers and foster actions that establish pro-social involvement. PLUS's goal is to create and maintain a positive campus environment in which students make real connections with each other, resulting in the following long-term benefits: 1.) increased attendance and retention, 2.) improved academic performance, and 3.) expanded opportunities for prosocial bonding. PLUS empowers students to have a voice in discussions that identify critical issues on campus and serves as the foundation for the overall development of a safe school campus environment.

### **8400 WORK EXPERIENCE (Palomar College Course Cooperative Education 110)**

*Grade level: 10-12*

Any student that is working or volunteering can earn 5 elective credits per semester, as well as 3 units of Palomar College credit, by signing up for work experience. Students must work at least 225 hours (or volunteer 180 hours) per semester to earn credit. Work experience gives students the opportunity to gain workplace experience and new or improved employment skills by integrating related academic preparation with practical work experience. Click on the link for more Work Experience information. <https://sites.google.com/smusd.org/mhhsworkexperience/home>