

DOWNEY UNIFIED SCHOOL DISTRICT
Educational Services

**DOWNEY HIGH SCHOOL
and
WARREN HIGH SCHOOL**

**HIGH SCHOOL PLANNING GUIDE
FOR**

NAME

CLASS OF _____

COURSE DESCRIPTION BOOK

Revised 2013-14

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In accordance with Title IX of the Educational Amendments Act of 1972, the Downey Unified School District is committed to providing equal opportunities for males and females in all educational programs and activities.

This booklet should be kept for your four years at high school in order to help you plan your progress towards graduation. Due to changes in State law and Board of Education Policy, information in this booklet is subject to change without notice. Parents and students should contact school counselors in the Guidance Office if they have specific questions.

Downey High School Guidance Office
(562)869-7301 Extension 5500

Warren High School Guidance Office
(562)869-7306 Extension 5829

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NOTE: Throughout this book, Arabic numerals following course titles (i.e., Typing 1, Photography 3, etc.) designate semester course offerings. Roman numerals following course titles (i.e., Spanish II, Algebra I, etc.) designate year course offerings.

Graduation Requirements

A diploma of graduation shall be granted to students of good character and citizenship who:

- (1) satisfactorily complete the high school curriculum requirements and
- (2) meet the District graduation proficiency standards. ^{**}

As specified by Administrative Regulation 3126, students at Downey and Warren high schools must earn 220 credits in grades 9 through 12, as shown below:

Curriculum Requirements, Grades 9 Through 12

	<u>Years</u>	<u>Credits</u>
English	4	40
Social Studies	3	30
World History & Geography (10)		
American History (10)		
American Government (5)		
Economics (5)		
Physical Education	2	20
Mathematics (including Algebra I)	2	20
Science	2	20
(includes 1 year Life Science and 1 year Physical Science)		
Fine Arts (Visual & Performing Arts) <i>or</i>	1	10
World Language (Foreign Language)		
Health	1/2	5
Total Required Credits		145
Total Elective Credits		75
TOTAL ^{**}		220

(Students at Columbus High School must satisfactorily complete all required subjects and earn a total of 190 credits in grades 9 through 12, as specified in Administrative Regulation 3210.)

Extended day opportunities for earning high school credit are available through the Work Experience Program (WEEP), the Regional Occupational Program (ROP), the Veysey Bill Program, and the Adult School Program. For more specific information, a student should contact his/her counselor.

^{**} California legislation requires that students must also earn passing scores on High School Exit Examinations (CAHSEE) in English and in Mathematics in order to receive their high school diplomas.

To measure student proficiency, the California High School Exit Exam (CAHSEE) must be passed for a student to receive a diploma of graduation.

For students in special education programs:

If an Individualized Education Plan (IEP) or Section 504 Plan specifies the need for test accommodations or modifications on standardized tests or during classroom instruction, the student will be allowed to use the same accommodations or modifications for the CAHSEE. A student with an IEP or 504 Plan who uses a modification on either the Language Arts or Mathematics sections of the CAHSEE and earns a scaled score of 350 or higher will require the submission of a Waiver Request to the Board of Education to accept the score as meeting the proficiency requirement. The request for a waiver must be initiated by the parent, and each waiver must be reviewed on an individual basis. The Board of Education shall make the final determination on whether or not the student has met the requirement.

(California Education Code 60850-60859)

Graduation

Students who may comply with all graduation requirements by the end of the fall semester of the senior year and who wish to graduate at that time must submit a Letter of Intent, with parent's signature, by November 1 of the student's senior year. Early graduation normally requires the completion of one English course and one government course in the summer session preceding the senior year.

No student may participate in traditional senior activities or in the graduation ceremonies unless all attendance and curriculum requirements have been completed.

Upon completion of the curriculum requirements for graduation, the following options are available to students:

Academic Studies Diploma – In addition to the graduation requirements (*listed on page 3 of this book*), any student who satisfactorily completes all fifteen of the UC/CSU a-g entrance course requirements will receive a seal of recognition on the diploma for their rigorous college preparatory course of study.

High School Diploma - A diploma of graduation shall be granted to students who satisfactorily complete the high school attendance and curriculum requirements *and* meet the District graduation proficiency standards.

Certificate of Achievement – A certificate of achievement will be granted to students who complete all attendance and curriculum requirements *but have not met* the District graduation proficiency standards.

Certificate of Recognition – A certificate of recognition will be granted to students with an Individualized Educational Plan (IEP) who have made satisfactory progress toward their IEP goals.

Students who qualify for a certificate of achievement or a certificate of recognition may participate in traditional senior activities and graduation ceremony.

Requirements for Grade Classification

BP 2230

Students shall be promoted to the next higher grade or level at the beginning of each school year providing they have completed satisfactorily the course of study prescribed by the Board of Education.

Grades 9 - 12

High school students shall be classified based upon satisfactory completion of credits as follows:

Grade 9 (freshman)	0 - 49 credits
Grade 10 (sophomore)	50 - 99 credits
Grade 11 (junior)	100 - 139 credits
Grade 12 (senior)	140 <i>or more</i> credits

Approved: 7/5/83

Repeated Courses

Students may not repeat a course for credit that has been previously passed unless it is indicated. (For example, see "Marching Band/P.E. [5 to 40 credits]") If a student repeats a course the grades will be averaged, but no additional credits will be granted.

Program Changes

The master schedule of classes for the school is carefully balanced on student requests made in the spring of the year and cannot be modified for individual needs. Returning students make class requests in the spring after consulting with teachers, counselors, and parents. Student schedules are confirmed before school starts. Students are expected to keep their classes as scheduled unless there was an error in scheduling. (An example of such an error would be having a student assigned to French II without ever having completed French I.)

Requests for certain teachers, to be with friends, or for specific periods **CANNOT** be considered. All program changes between subject areas (for example, *math* to *science*) must be done during the first two weeks of school. During the third to thirteenth week, students who are failing a particular course may, with teacher and parent approval, move from higher to lower levels (for example, "*honors*" to "*regular*" classes), but not out of the subject area. Students need to select classes in a careful and realistic manner after consulting with parents, teachers, and counselors.

PLANNING YOUR PROGRAM

As a high school student, the choices you make about your program of study will be very important to you now and in the future. Your high school experiences may have an effect upon your choice of careers, your recreational interests, and your entire lifestyle. Consider your interests and abilities, consult with your parents, talk with a counselor, and then carefully plan your four-year high school program.

My Career Goal

My Alternate Career Goal

Program Planning Form

GRADE 9

GENERAL SCHEDULE - Grade 9	CREDITS	MY CLASSES
1 English 9	10	
2 Mathematics <small>(Students must successfully complete Algebra I.)</small>	10	
3a Health Education	5	
3b Elective	5	
4 Physical Education	10	
5 ** Electives <i>or</i> Science	10	
6 ** Electives <i>or</i> Fine Arts / World Language	10	
Summer School Classes:		
	5	
	5	
<i>Students must earn 50 credits to enter grade 10.</i>		TOTAL CREDITS EARNED in GRADE 9

** To earn a high school diploma, students are required to complete: **20 credits of science**, including 10 credits of a physical science (Physical Science of the Earth or Chemistry) and 10 credits of a life science (Biology); **20 credits of mathematics** (including Algebra I); and, **10 credits of fine art *or* world language**.

Program Planning Form

GRADE 10

GENERAL SCHEDULE - Grade 10	CREDITS	MY CLASSES
1 English 10	10	
2 Mathematics <small>(Students must successfully complete Algebra I.)</small>	10	
3 World History & Geography	10	
4 Physical Education	10	
5 ** Electives <i>or</i> Science	10	
6 ** Electives <i>or</i> Fine Arts / World Language	10	
Summer School Classes:		
	5	
	5	
<i>Students must earn 100 credits to enter grade 11.</i>		TOTAL CREDITS EARNED in GRADE 10

** To earn a high school diploma, students are required to complete: **20 credits of science**, including 10 credits of a physical science (Physical Science of the Earth or Chemistry) and 10 credits of a life science (Biology); **20 credits of mathematics** (including Algebra I); and, **10 credits of fine art or world language**.

Program Planning Form

GRADE 11

GENERAL SCHEDULE - Grade 11	CREDITS	MY CLASSES
1 * English 11	10	
2 American History	10	
3 ** Electives	10	
4 ** Electives	10	
5 ** Electives	10	
6 ** Electives	10	
Summer School Classes:		
	5	
	5	
Adult School Class:	5	
R.O.P. Class:	5	
<i>Students must earn 140 credits to enter grade 12.</i>		TOTAL CREDITS EARNED in GRADE 11

* Students in grades 11 and 12 may enroll in more than one English course in a semester contingent upon availability of space; however, this additional course may not be used to meet English graduation requirements. The exception to enrolling in multiple semester English courses simultaneously is for the make-up of a previously earned failure grade.

** To earn a high school diploma, students are required to complete: **20 credits of science**, including 10 credits of a physical science (Physical Science of the Earth or Chemistry) and 10 credits of a life science (Biology); **20 credits of mathematics** (including Algebra I); and, **10 credits of fine art or world language**.

Program Planning Form

GRADE 12

GENERAL SCHEDULE - Grade 12		CREDITS	MY CLASSES
1	* English 12	10	
<i>or English semester electives</i>			
	a. Writing class	5	
	b. Literature class	5	
2	Social Studies		
	a. American Government	5	
	b. Economics	5	
3	** Electives	10	
4	** Electives	10	
5	** Electives	10	
6	** Electives	10	
Summer School Classes:			
		5	
		5	
Adult School Class:		5	
R.O.P. Class:		5	
<i>Students must meet all graduation requirements to earn a high school diploma.</i>			TOTAL CREDITS EARNED in GRADE 12

* Students in grades 9, 10, and 11, are to enroll in the year-long English course offered at each respective grade level. In lieu of the year-long English 12 course, grade 12 students may opt to enroll in two semester English elective courses. Students opting to take these electives must: (1) complete one course from the Writing Group and one course from the Literature Group; and (2) enroll in one English course each semester.

Students in grades 11 and 12 may enroll in more than one English course in a semester contingent upon availability of space; however, this additional course may not be used to meet English graduation requirements. The exception to enrolling in multiple semester English courses simultaneously is for the make-up of a previously earned failure grade.

NOTE: Grade 12 students wishing to enroll in these two semester English courses for English credit, must have already passed the California High School Exit Exam in English as prerequisite.

** To earn a high school diploma, students are required to complete: **20 credits of science**, including 10 credits of a physical science (Physical Science of the Earth or Chemistry) and 10 credits of a life science (Biology); **20 credits of mathematics** (including Algebra I); and, **10 credits of fine art or world language**.

SPECIAL PROGRAMS

Honors Classes:

Enrollment in Honors level or Advanced Placement (AP) level courses is limited. It is based on a previous record of outstanding work from academic records, test scores and teacher recommendations. All students enrolled in Honors or AP classes are expected to do “A” work, and maintain no less than a “B” in those classes. Students who do not maintain an “A” or “B” grade in an Honors level or Advanced Placement class will be removed from this class.

Honors and AP classes are on a grading scale as follows: A = 5 points, B = 4 points, C = 3 points, D = 1 point, F = 0 point.

VEYSEY Program:

Students who attend high school classes for at least the minimum day may take up to six college units of course work at the community college. This program is designed to enable students to pursue an advanced sequence of career-related coursework not available at the high school level.

Summer School:

Students may make up credits or earn additional credits by enrolling in one or two classes in summer school. Registration for Downey Unified School District summer school is in May.

Students may enroll for credit in summer school programs outside the Downey Unified School District with prior permission from the Assistant Principal, Guidance and Instruction.

Adult School:

Students in the 11th or 12th grade may be concurrently enrolled in one or two classes at Downey Adult School for enrichment or to make-up credits. All students must obtain an “Authorization for Downey Adult School Concurrent Enrollment” form from their high school counselor prior to registering at Downey Adult School.

ROP/Career Technical Education (CTE):

The Los Angeles County Regional Occupation Program (ROP) offers students age 16 or over in grades 11 and 12 a variety of exploratory and skill building occupational training experiences for elective high school credit. Classes are a year or semester in length. Refer to the list of ROP/CTE classes and contact your counselor or the high school ROP/CTE office for registration/enrollment and additional information.

Special Programs - continued

(2+2+2) Program:

The (2+2+2) is a program between high schools, Cerritos College, and selected four year colleges. Students who complete a high school course designated as (2+2+2) are evaluated as having met the comparable Cerritos College prerequisite for an advanced course in the sequence. As a result, a student does not experience a duplication of the same course content by retaking the prerequisite. The (2+2+2) program facilitates the progress of students from one course or level to the next without a loss of time or delay when moving from high school to Cerritos College.

Sample Student High School Schedules



The high school course offerings are
listed on the following pages
by department.

Sample Schedule of Basic High School Graduation Requirements for the Entering Freshman

Grade	9		10		11		12	
Semester	1	2	1	2	1	2	1	2
<i>SOCIAL STUDIES</i>			World History & Geography		Modern American History		American Government	Economics
<i>ENGLISH</i>	English 9		English 10		English 11		English class	
<i>MATH</i>	Math Completion of Algebra I		Math					
<i>SCIENCE</i>	Physical Science of the Earth		Biology					
<i>VISUAL AND PERFORMING ARTS or WORLD LANGUAGES</i>	Drama, Art, Music, Home Arts, Interior Design, or World Language							
<i>PHYSICAL EDUCATION</i>	Physical Education		Physical Education					
<i>INTER-DISCIPLINARY</i>		Health Education						
<i>EXAMPLES OF ELECTIVES</i>	Fashion Construction Construction Tech. Keyboarding		Driver Education Personal Finance Marriage & Family Living Computers		Psychology Criminal Justice Criminal Procedures ROP/CTE Class		Computers Industrial Technology Family & Consumer Science ROP/CTE Class	

**Sample Schedule for the COMMUNITY COLLEGE-Bound
High school Freshman**
(not continuing beyond community college)

Grade	9		10		11		12	
Semester	1	2	1	2	1	2	1	2
SOCIAL STUDIES			World History & Geography		Modern American History		American Government	Economics
ENGLISH	English 9		English 10		English 11		English class	
MATH	Math Completion of Algebra I		Math					
SCIENCE	Physical Science of the Earth		Biology					
VISUAL AND PERFORMING ARTS or WORLD LANGUAGES	Art 1 / 2 or World Language							
PHYSICAL EDUCATION	Physical Education or Band		Physical Education					
INTER-DISCIPLINARY		Health Education						
EXAMPLES OF ELECTIVES	<u>Drafting I</u> <u>Keyboarding</u> Family & Consumer Science		<u>Driver Education</u> Computers		<u>Industrial Technology</u> <u>Accounting I</u> ROP/CTE Class		<u>Computers</u> <u>Family & Consumer Science</u> <u>Drawing 1 / 2</u> ROP/CTE Class	

Sample Schedule for the STATE COLLEGE-Bound High School Freshman

Grade	9		10		11		12	
Semester	1	2	1	2	1	2	1	2
<i>SOCIAL STUDIES*</i>			World History & Geography		Modern American History		American Government	Economics
<i>ENGLISH*</i>	English 9		English 10		English 11		College Preparatory English	
<i>MATH*</i>	Geometry or Algebra I		Algebra II or Geometry		Trigonometry/ Pre-Calculus or Algebra II			
<i>SCIENCE*</i>			Biology		Chemistry		<u>Anatomy & Physiology</u> Physics	
<i>VISUAL AND PERFORMING ARTS and WORLD LANGUAGES</i>	World Language I		World Language II		Fine Arts			
<i>PHYSICAL EDUCATION</i>	Physical Education		Physical Education					
<i>INTER-DISCIPLINARY</i>		Health Education						
<i>EXAMPLES OF ELECTIVES</i>	<u>Keyboarding</u> Computers		<u>Driver Education</u> Computers		<u>Psychology</u> Philosophy		<u>Sociology</u> ROP/CTE Class	

****Enrollment in honors sections available to selected students is recommended.***

Sample Schedule for the UNIVERSITY-Bound High School Freshman

Grade	9		10		11		12	
Semester	1	2	1	2	1	2	1	2
<i>SOCIAL STUDIES*</i>			World History and Geography		Advanced Placement American History		Advanced Placement American Government	Advanced Placement Economics
<i>ENGLISH*</i>	Honors English 9		Honors English 10		Honors English 11		Advanced English Placement	
<i>MATH*</i>	Geometry		Algebra II		Trigonometry/ Pre-Calculus		A.P. Calculus	
<i>SCIENCE*</i>	Biology		Honors Chemistry		Physics		<u>A.P. Biology</u> A.P. Chemistry	
<i>VISUAL AND PERFORMING ARTS and WORLD LANGUAGES</i>	World Language I		World Language II		World Language III		<u>Fine Arts</u> Advanced Placement World Language	
<i>PHYSICAL EDUCATION</i>	Physical Education		Physical Education					
<i>INTER-DISCIPLINARY</i>		Health Education						
<i>EXAMPLES OF ELECTIVES</i>	<u>Keyboarding</u> Computers		<u>Driver Education</u> Computers		<u>Psychology</u> Philosophy		<u>Sociology</u> ROP/CTE Class	

****Enrollment in honors sections available to selected students is recommended.***

High School Course Descriptions



The high school course offerings are
listed on the following pages
by department.

BUSINESS INFORMATION SYSTEMS

BUSINESS COURSES

Course Title: **Personal Finance** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

In this course, students will develop an understanding of personal financial planning, including financial record keeping and budgeting. Students will also review property and life insurance, investing, and retirement and estate planning. Within the context of this course, students will actualize a plan for spending, buying decisions, and the management of consumer credit and loans. This course utilizes a hands-on approach to analysis of personal finance decisions, providing numerous opportunities for students to exercise critical-thinking skills and implement a decision-making model.

Course Title: **Business Management** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course is designed to acquaint high school students with basic business operations and procedures. The course includes business systems, environments, calculations, transactions, communications, and basic skills. The course will also emphasize career planning, leadership and human relations.

Course Title: **Marketing** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Students enrolled in this semester class will learn the Seven Functions of Marketing, which include promotion, price planning, selling, financing, distribution, marketing information management, and product and service management. The course will also provide instruction in basic marketing concepts, the global economy, risk management, and e-commerce.

Course Title: **Small Business Concepts** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Small Business Concepts presents the basics of business operations and business computer technologies that are needed to open and run a small business. It is a foundation course where students learn basic business concepts, terminologies, principles, ideas and skill sets. These include small business structure, management, decision-making, human resources, production and operations, business math and finance, business marketing and sales, customer service, and business ethics and social responsibility. Additionally, students will use a variety of computer software programs and on-line resources to solve business problems, generate business documents, and simulate the business work environment.

Course Title: Entrepreneurship (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of any of the following courses – Personal Finance, Marketing, Small Business Concepts or Business Management

Course Description:

This one-semester course introduces students to the principles of entrepreneurship and business ethics as they examine all the major steps involved in starting a new business, including the marketing, financing, managing, and legal aspects. Students will develop a business plan and learn what is required to get an entrepreneurial venture off to a good start. Using real-life examples to which students can relate, topics that are covered include market research, budgeting, selecting a business location, and financing the business venture.

Course Title: Keyboarding 1 (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course will develop alphabetic and numeric competency in keyboarding using the touch system. It emphasizes the skills required for college and the workplace including outlines, tables, letters, reports and term papers.

Course Title: Keyboarding 2 (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Keyboarding 1

Course Description:

Keyboarding 2 is designed to build upon skills learned in Keyboarding 1. This course emphasizes speed and accuracy in typing and advanced formatting of letters, reports, and tables.

Course Title: Accounting I (10 Credits) (2+2+2)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

Accounting I introduces students to the field of accounting as a possible vocation. This course equips the student with a working knowledge of the basic principles of accounting that will be of value in adult life. Students will have the opportunity to work some problems on the microcomputer. This course is also approved on the 2+2+2 Articulation Program with Cerritos College.

(2+2+2) = This course allows students to meet certain Cerritos College class prerequisites.

Course Title: Accounting II/Automated (10 Credits) (2+2+2)

Grade Level: 11, 12

Prerequisites: Successful completion of Accounting I

Course Description:

Accounting II/Automated emphasizes efficient methods of accounting as applied to partnerships and corporations. It presents an overview of manufacturing accounting and analysis of financial reports. In addition, computerized accounting is introduced, emphasizing general ledger, accounts receivable, accounts payable, and payroll. Students will record accounting data of input forms and enter this data into the microcomputer to produce accounting records and financial reports.

Course Title: **Business Communications** (*English Credit for grade 12 students only*)
(10 Credits)

Grade Level: 11, 12

Prerequisites: None

Students wishing to enroll in this course must have passed the California High School Exit Exam (CAHSEE) in English.

Course Description:

This course is designed to review and further student skills and understanding of language usage, literature appreciation, and composition skills and structures within the context of today's business world. Students enrolled in Business Communications will develop and refine job-related communication skills of reading, writing, speaking, and listening. The course utilizes American and world literature as guidelines for understanding and the basis of writing assignments.

Course Title: **Lab Assistance, Business Education** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better and must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students and, at the same time, refine their own skills. Students approved for this course will assist with demonstrations and gain experience in teaching. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

(2+2+2) = This course allows students to meet certain Cerritos College class prerequisites.

BUSINESS INFORMATION SYSTEMS

COMPUTERS COURSES

Course Title: **Computer Applications 1** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This one-semester course is designed for students who have successfully completed an introductory course in computers but lack a strong mathematics background and wish to extend their knowledge to the applications level. The class will offer the student an opportunity to enhance their basic internet research skills and to utilize a variety of business application software, such as word processing, spreadsheet, database, desktop publishing, as well as presentation software.

Course Title: **Computer Applications 2** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Completion of Computer Applications 1

Course Description:

This one-semester course is designed for students who are interested in continuing the use of computers as an applications tool but lack a strong mathematics background. Emphasis will be placed on the use of various graphics software packages, desktop publishing, CD-ROM, sound cards, and telecommunications.

Course Title: **Computer Graphics & Animation** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This one-semester course is designed for students who are interested in using the computer to develop and design interactive media and animation. Students will develop creative artistic work using various graphics software. They will design pictures and animation sequences using popular programming languages, and various utility software animation packages. In addition, students will develop an electronic portfolio.

Course Title: **Word Processing** (5 Credits) (2+2+2)

Grade Level: 9, 10, 11, 12

Prerequisites: Completion of keyboarding course highly recommended

Course Description:

Students completing this semester course will be able to use a word processing program for business and personal applications. Students will also gain a thorough understanding of word processing terminology and concepts.

(2+2+2) = This course allows students to meet certain Cerritos College class prerequisites.

Course Title: **Computer Science** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of Computer Applications 1 **or** teacher recommendation

Course Description:

Computer Science provides students an in-depth survey of the many aspects of Windows software. Students will utilize Windows through a variety of class projects, such as developing databases and spreadsheets using Excel. Students will create documents through Microsoft Word and prepare PowerPoint presentations. Other uses of PowerPoint software such as charts, graphs, and flyers will also be included.

Course Title: **Design Principles for Web Design (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

Students enrolled in Design Principles for Web Design explore the rapidly changing trends in the field of design for the web. Through design projects for the web, students develop problem-solving skills, artistic perception, critical thinking, and self-reflection. With the awareness of design solutions throughout history in various cultures, students will understand the impact of the arts and design on human experiences. Students will also learn methods and theory, such as elements and principles of design, to enhance their artistic vision and style. Design critiques and presentations will provide opportunities for students to grow as design artists. Projects will focus on developing perception and application of the elements of art and principles of design through contemporary design applications and web design.

Course Title: **Computer Maintenance and Repair** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of another computers course or teacher approval

Course Description:

Students completing this semester course will be able to perform basic disk operating system commands for troubleshooting computers and loading software. Students will also diagnose problems, repair, and upgrade computers.

Course Title: **Desktop/Digital Publishing** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of another computers course **or** teacher recommendation

Course Description:

This one-semester course is designed for students who are interested in continuing the use of computers in desktop publishing without the need of a strong mathematics background. Students will utilize software to design, produce, and deliver sophisticated documents that contain text, graphics and colors. Students will also use digital imaging technology to capture and manipulate still photographic images in an electronic format.

(P) = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Advanced Placement Computer Science (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Algebra I or Geometry with a grade of "B" or better;

Completion of another computers course or teacher approval;
Typing/keyboarding recommended

Course Description:

Students successfully completing this course will be able to program the microcomputer in the Java language. Course content will include the use of algorithms, data structures, and methodology to solve problems in several application areas. Students enrolling in AP Computer Science should plan to take the Advanced Placement exam for which college or university credit may be granted.

Course Title: **Lab Assistance, Computers** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better and must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students with lab assignments and programming projects. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

(P) = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

DRIVER EDUCATION

Course Title: **Driver Education** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course includes instruction in both Driver Education and Driver Training. The course emphasizes knowledge of motor vehicle laws, driving skills, social responsibility and good citizenship, and first aid practices. Special attention is placed upon the effects that alcohol and drugs have upon safe driving. Students will also be presented with units of study on careers and fire safety. **Upon completion of this course, students that are 15 years, 6 months of age may apply for an Instruction Permit at the California Department of Motor Vehicles.**

ENGLISH

Four years of English are required for graduation.

Course Title: **English 9 (P)** (10 Credits)

Grade Level: 9

Prerequisites: None

Course Description:

This course is designed to build student skills in understanding literature and the basic techniques of literary analysis, with a focus on appropriate language usage and the key steps of the writing process. The five core skills of reading, writing, speaking, listening, and thinking will be emphasized. Special attention will be given to selected thematic units that will provide a link between literature and the students' lives.

Course Title: **Honors English 9 (P)** (10 Credits)

Grade Level: 9

Prerequisites: Middle school teacher recommendation with course grades A or high B in eighth grade English /Language Arts. Students must meet high school English Department honors criteria.

Course Description:

This course is designed for the more capable, highly-motivated student who has demonstrated superior ability in previous English/Language Arts courses. The course emphasizes development of the writing process including the conventions of correct standard usage, mechanics, and vocabulary skills, and introduces the techniques of literary analysis. This course will emphasize study in the five core skill areas: reading, writing, speaking, listening, and thinking. Special attention will be given to selected thematic units that will provide a link between literature and the students' lives.

Course Title: **English 10 (P)** (10 Credits)

Grade Level: 10

Prerequisites: English 9 (P) or English 9 Honors (P)

Course Description:

This course is designed to reinforce and expand student skills and understanding of literature, writing, and language usage. Students will develop and demonstrate writing skills through the writing process and explore core and extended literature. Special attention will be given to the five core skill areas of reading, writing, speaking, listening, and thinking.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Honors English 10 (P)** (10 Credits)

Grade Level: 10

Prerequisites: Honors English 9 (P) or teacher recommendation

Course Description:

This course in British Literature is designed for the more capable and highly motivated student who has demonstrated qualitative superiority in Honors English 9 or other English courses. This course is meant to reinforce and expand student skills and understanding of literature, writing, and language usage. Students will develop and demonstrate writing skills through the writing process and explore core and extended literature. Special attention will be given to the five core skill areas of reading, writing, speaking, listening, and thinking. Students may be required to complete outside reading assignments in the summer prior to this course.

Course Title: **English 11 (P)** (10 Credits)

Grade Level: 11

Prerequisites: English 10 (P) or English 10 Honors (P)

Course Description:

This course is designed for all students, especially motivated students preparing for the academic challenges of college. Through the study of American literature from early Native American selections to modern works, this course emphasizes the continued student development in the five core skills: reading, writing, speaking, listening, and thinking. In composition, the course will include the writing process to develop varied responses to the literature. The course will focus on the richness of American social and literary history, as well as techniques and nomenclature of literary analysis.

Course Title: **Honors English 11 (P)** (10 Credits)

Grade Level: 11

Prerequisites: Honors English 10 (P)

Course Description:

This course is designed for the more capable and motivated student who has demonstrated proficiency in Honors English 10 or other English classes and who seriously wishes to prepare for the academic challenges of college. Through the chronological study of American literature from early Native American selections to modern works, this course emphasizes the continued student development in core skills: reading, writing, speaking, listening and thinking. The focus of Honors English 11 is upon composing analytical and critical essays in response to American literature. Students may be required to complete outside reading assignments in the summer prior to this course. Upon satisfactory completion of this course, students will be prepared for an Advanced Placement English course.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **English 12 (P)** (10 Credits)

Grade Level: 12

Prerequisites: English 11 (P) or English 11 Honors (P)

Course Description:

This college preparatory course will focus upon multi-cultural themes in world literature and global issues in minority American literature with students reading from core and extended literary works. The course will be developed thematically exploring the ethical, political and social milieu as revealed through common literary themes such as coming of age, injustice, war, the role of women and the search for identity. This course emphasizes the continued student development in the five core skills: reading, writing, speaking, listening, and thinking. Writing assignments will utilize the writing process, emphasize the expository modes, and include a major term paper. Language skills will be reviewed and extended within the context of reading and writing.

Course Title: **Expository Reading and Writing (P)** (10 Credits)

Grade Level: 12

Prerequisites: Successful completion of English 11 (P) or Honors English 11 (P)

Course Description:

The goal of this course is to prepare college-bound seniors for the literacy demands of higher education. The cornerstone of this course presents a process for helping students read, comprehend, and respond to non-fiction and literary texts. Expository and analytical writing assignments will be an integral part of this course. This course meets the District graduation requirement for English and is designed to meet the English entrance requirement for the University of California and California State University systems.

Course Title: **Advanced Placement English Literature & Composition**

(P) (10 Credits)

Grade Level: 12

Prerequisites: A-B average in English Honors sequence *or* teacher recommendation

Course Description:

Advanced Placement English Literature & Composition is a college-level course providing students the opportunity to prepare and take the AP exam in English literature for which college or university credit may be granted. While employing the five core skills of reading, writing, speaking, listening and thinking, the reading demands and writing responses are rigorous, thus commanding considerable expenditure of student time and effort. Students may be required to complete outside reading assignments in the summer prior to this course.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **CAHSEE English** (5 to 20 Credits)

Grade Level: 10, 11, 12

Prerequisites: Teacher recommendation and/or counselor approval; **or** minimum of two years deficiency on a standardized reading test; **or** failure to pass the English portion of the CAHSEE.

Course Description:

Students enrolling in this course will be provided additional instruction in the topics of the California High School Exit Exam in English/Language Arts. Students will focus on the specific areas of reading (word analysis and vocabulary, reading comprehension, literary response and analysis), and writing (strategies and application of narration, exposition, persuasion, and description) from the *English/Language Arts Content Standards for California Public Schools* that are included on the CAHSEE. **A maximum of 10 make-up credits for English will be granted for this course. This course may be repeated for elective credit only.**

Course Title: **Reading Improvement** (5 to 30 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Teacher recommendation **and/or** counselor approval **and** a minimum of two years deficiency on a standardized reading test.

Course Description:

This course is designed for the student who is reading two years below grade level and/or has not passed the English portion of the California High School Exit Exam. The student's reading level is assessed by a standardized test, and then an independent individualized program is established. Students work on remediation in the skills areas of vocabulary, reading comprehension, oral reading skills, study/reference skills with added emphasis on the graduation test competencies. *After earning 20 credits for this course, students must have administrative approval to enroll in this course for a maximum of 30 credits.* Students enrolling in this course earn elective credit only.

Course Title: **Basic English Review** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Teacher recommendation *and/or* counselor approval *and/or* a minimum of 2 years deficiency on a standardized English/ Language Arts test.

Course Description:

This course is designed for the student who requires additional instruction in the English/Language Arts. The content will include a review of grammar, spelling, punctuation, sentence structure, and the basic elements of composition. Current books and magazines will serve as the literature source to reinforce the above skills as well as the core skills of reading, writing, speaking, and listening.

Course Title: **Basic Writing** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Teacher recommendation *and/or* counselor approval *and/or* a minimum of 2 years deficiency on a standardized English/Language Arts test.

Course Description:

This course is designed for the student who requires reinforcement of basic language skills. The course presents a pragmatic approach to grammar and composition through practice and review in conjunction with the application of these principles to writing. The core skills of reading, writing, speaking, and listening will be reinforced.

Course Title: **English 9 Intensive** (10 Credits)

Grade Level: 9

Prerequisites: Required for selected students with counselor approval; multiple measures used for placement including scaled score of less than 300 on the English language arts (ELA) portion of the California Standards Test (CST) indicating the student is two or more years below grade level in ELA

Course Description:

English 9 Intensive is a concentrated course of academic and university preparatory English instruction that is delivered through research-based instructional strategies appropriate for students in the development of language proficiency. **Students enrolled in English 9 Intensive are also enrolled in core English 9 (P), which must be taken concurrently, with the same instructor, typically in a two-period block.** The student learning and performance goals for the course are based on the California English Language Arts State Standards, Grades 9-12, California ELD Standards for Grades 9-12, Early Advanced and Advanced Levels, and the California Language Arts Standards assessed on the CAHSEE. This course is designed to engage students in higher-level speaking, reading, writing, listening, and evaluating exercises using a variety of readings in essays, novels, short stories, drama, and expository genres. Speeches and writing will include the use of reflection, supported claims and assertions, primary and secondary sources, and point of view. The elements of composition (grammar, usage, and mechanics) and the conventions of the English language will be taught through the study of models, text exercises, students' writing, and outside reading. In order to ensure that students will be successful in all college preparatory content classes, the following research supported cognitive strategies will be explicitly taught during this course: predicting, activating, inferring, monitoring-clarifying, questioning, searching-selecting, summarizing, visualizing-organizing, analyzing author's craft and purpose, and self-monitoring while reading. This course prepares students to succeed in college preparatory grade-level English. Students enrolled in this supplemental English course, English 9 Intensive, earn elective credit.

Course Title: **English 9 Strategic** (10 Credits)

Grade Level: 9

Prerequisites: Required for selected students with counselor approval; multiple measures used for placement, including scaled score in the range between 300 to 349 on the English language arts (ELA) portion of the California Standards Test (CST) indicating the student is one year below grade level in ELA

Course Description:

English 9 Strategic is a support course for selected grade 9 students. The students in English 9 Strategic are concurrently enrolled in core English 9. In English 9 Strategic, students receive instruction to support and advance their work in English 9 (P). English 9 Strategic serves the striving reader and writer who is performing in the Lexile Reading range of 950–1150 (reading comprehension levels of Grades 7–9). This course and materials are aligned to the grades 9-12 English language arts standards, addressing the level of the text, reading strategies, decoding, fluency, writing, vocabulary, language, and conventions necessary for freshman students to achieve in ELA. Student and teacher materials, instruction, scaffolding, activities, and assessment practices target specific literacy needs and are focused to accelerate student's reading growth by gaining 2-3 grade levels per year. Students will read a variety of classical and contemporary texts addressing the reading text styles of literary, informational, persuasive, and functional. Writing modes include reflective essay, autobiography, position paper, research report, literary research report, persuasive essay, literary analysis, and short story. Students will learn the writing traits of focus and unity, voice and style, development of ideas, organization, and written conventions. This course prepares students to succeed in college preparatory grade-level English. Students enrolled in this additional English language arts support class, English 9 Strategic, earn elective credit.

Course Title: **ELD I : Introduction to Conversational English and Content Vocabulary** (5 to 10 Credits)
Grade Level: 9, 10, 11, 12

Prerequisites: Student has achieved a CEDLT score of 1 or 2

Course Description:

This course is designed to provide students new to English with basic oral and aural competence in a wide variety of English language settings. Students will develop English receptive and productive skills while they also learn basic elements of the sound system and alphabet. Coursework is primarily centered around helping students develop English skills that are immediately useful in school, classroom, and community settings. An emphasis is placed upon developing vocabulary related to core content areas, including science, mathematics, and social studies. Students successfully completing this course will earn elective credit only.

Course Title: **ELD II : Introduction to English Reading** (5 to 10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Student has achieved a CEDLT score of 1 or 2

Course Description:

This is a beginning English reading course for students whose first language is not English. In this course, students will develop reading skills in four areas: word analysis, fluency and vocabulary, comprehension, and basic literacy and response. Students use sequential reading instructional materials to establish a base for further content area and narrative reading tasks. Students in this course also study basic syntactic elements of English (nouns, verbs, modifiers, etc.) along with phonemic and semantic aspects of the language. Students successfully completing this course will earn elective credit only.

Course Title: **ELD III : Introduction to English Writing** (5 to 10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Student has achieved a CEDLT score of 1 or 2

Course Description:

Students in this course receive direct instruction in aspects of English writing, including grammar, verb conjugation, sentence expansion and writing forms (paragraphs, essay, descriptive, narrative, and first-person). Students will learn specific skills for pre-writing, draft composition, and editing using a process writing format. Students are also responsible for learning the spelling of a list of commonly used English words. Students successfully completing this course will earn elective credit only.

Course Title: **ELD IV : Intermediate Academic Reading** (5 to 20 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Student has achieved a CEDLT score of 3

Course Description:

This course focuses upon the aspects of English reading and composition guided by skills from California's *ELD Standards*. Students continue working on reading comprehension, including skills for understanding expository text and lengthier fiction works. Writing development is continued, with emphasis on writing styles, research, amplification, and complex English composition. Students successfully completing this course will earn elective credit only.

Course Title: **ELD V : Intermediate Academic Writing** (5 to 20 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Student has achieved a CEDLT score of 3

Course Description:

This course covers writing development for a variety of purposes, including biographical, observational, narrative, and response to literature. Students receive instruction in the aspects of grammar as applied to writing, and are responsible for an established spelling word list. Other elements of writing that are covered include style, research, amplification, and complex English composition. Students successfully completing this course will earn English credit; this course may be repeated for elective credit only.

Course Title: **ELD VI : Advanced Academic English Skills** (5 to 20 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Student has achieved a CEDLT score of 4 or 5

Course Description:

This course serves as a parallel support course for students who are concurrently enrolled in a mainstream language arts class. Skill areas are developed from California's *ELD Standards*, as well as from the grade-appropriate *English Language-Arts Content Standards*. Reading and writing development are emphasized in the context of students' content area classes. Students successfully completing this course will earn English credit. Students successfully completing this course may earn 10 English credits; *this course may be repeated for elective credit only.*

SEMESTER ENGLISH ELECTIVE COURSES

Students in grades 9, 10, and 11 are to enroll in the year-long English course offered at their respective grade level.

*In lieu of the year-long English 12 course, grade 12 students may opt to enroll in two semester English elective courses. **Students opting to take these electives must:***

*(1) complete one course from the Writing Group and
one course from the Literature Group;*

and

(2) enroll in one English course each semester.

Students in grades 11 and 12 may enroll in more than one English course in a semester contingent upon availability of space; however, this additional course may not be used to meet English graduation requirements. The exception to enrolling in multiple semester English courses simultaneously is for the make-up of a previously earned failure grade.

NOTE: Grade 12 students wishing to enroll in these two semester English courses for English credit, must have already passed the California High School Exit Exam in English as prerequisite.

WRITING GROUP

Course Title: **Advanced Writing (P)** (5 Credits)

Grade Level: 11, 12

Prerequisites: Honors English 10 (P), Honors English 11 (P), or English 11 (P);
and/or teacher recommendation

Course Description:

This college preparatory course is designed for the student who demonstrates proficiency in other English courses. This course continues the student's development in the core skills of reading, writing, speaking, listening, and thinking. Through analysis of literary works and through rigorous practice of the writing domains and use of all writing process steps, the student will explore such concerns to the writer as logic, audience, language, tone and style. The methods of research for the term paper will be emphasized. The course reviews the paragraph but concentrates on the longer paper.

Course Title: **Creative Writing (P)^g** (5 Credits)

Grade Level: 11, 12

Prerequisites: Successful completion of English 10 (P)

Course Description:

This course is designed for students who wish to improve their writing skills while exploring their own creativity. Terminology of literature and techniques of professional writers will be used to help students gain mastery of genres of prose and poetry. The five core skills of reading, writing, speaking, listening, and thinking will be emphasized. Analysis of published works will be used to assist students in developing their skills.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

(P)^g = Meets elective course (g) requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Intermediate Writing (P)^g** (5 Credits)

Grade Level: 11,12

Prerequisites: English 10 (P) and/or teacher recommendation

Course Description:

This course is designed for students with average writing ability. Students will build upon language skills previously developed with emphasis on written communication and the continuing development of structure, usage, and writing mechanics. The five core skills of reading, writing, speaking, listening and thinking will be emphasized. The works of professional writers will be used as models for developing individual skills and personal style. As the course develops, writing experiences move from shorter to longer compositions.

Course Title: **Public Speaking (P)^g** (5 Credits)

Grade Level: 11, 12

Prerequisites: English 10 (P)

Course Description:

Public Speaking is a course that develops the writing and speaking skills of students preparing to enter college. The focus of this course is on writing and delivering of various types of speeches from the informal impromptu speech to the formal debate speech. Composition and speech techniques combine to foster disciplined thought and to build confidence and poise. Research skills such as outlines, bibliographies and footnotes are also emphasized.

(P)^g = Meets elective course (g) requirements for the University of California (UC) system and the California State University (CSU) system.

SEMESTER ENGLISH ELECTIVE COURSES

Students in grades 9, 10, and 11 are to enroll in the year-long English course offered at their respective grade level.

*In lieu of the year-long English 12 course, grade 12 students may opt to enroll in two semester English elective courses. **Students opting to take these electives must:***

*(1) complete one course from the Writing Group and
one course from the Literature Group;*

and

(2) enroll in one English course each semester.

Students in grades 11 and 12 may enroll in more than one English course in a semester contingent upon availability of space; however, this additional course may not be used to meet English graduation requirements. The exception to enrolling in multiple semester English courses simultaneously is for the make-up of a previously earned failure grade.

NOTE: Grade 12 students wishing to enroll in these two semester English courses for English credit, must have already passed the California High School Exit Exam in English as prerequisite.

LITERATURE GROUP

Course Title: **Appreciation of Poetry (P) (5 Credits)**

Grade Level: 11,12

Prerequisites: English 10 (P) and/or teacher recommendation

Course Description:

The object of this course is to open the doors to poetry and to display the rich world it inhabits. The course is designed for the student of average to above-average reading ability who wishes to further pursue an interest in poetry. Students will be exposed to different types of poems from different eras, and will be encouraged to explore the meanings and delights of these poems. Different types of poems will also be written by students. Students will review traditional criticism of poetry and develop their own criticisms. There will also be an emphasis on the sound of poetic language and on oral communication skills along with the core skills of reading, writing, speaking, listening and thinking.

Course Title: **Drama as Literature (P) (5 Credits)**

Grade Level: 11,12

Prerequisites: English 10 (P)

Course Description:

This course is designed for the student who is interested in studying the structure of dramatic literature, the relationship of plays to the period in which they are written, and the criteria for judging the merits of any particular piece of dramatic literature. The five core skills of reading, writing, speaking, listening, and thinking will be used extensively throughout this course.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Folklore (P) (5 Credits)**

Grade Level: 11,12

Prerequisites: English 10 (P)

Course Description:

This course will feature a study of multi-cultural myths, legends, and folk tales. Through a study of folklore, special attention will be given to recurrent themes, motifs, and archetypes in literature and art, linking historical cultures and revealing man's ability to enlarge upon human experience. This course will be structured around texts, library research, oral presentations, and media research.

Course Title: **Independent Reading (P)^g** (5 Credits)

Grade Level: 11,12

Prerequisites: English 10 (P) and/or teacher recommendation

Course Description:

This course is designed to allow the self-motivated student the opportunity to read classic and standard works of his own choice, at his own rate. The reading, structured in a contract format, must be appropriate, tasteful, and mature enough to challenge a junior or senior high school student. Selections must be varied to include novels, dramas, and non-fiction. Written and/or oral analyses, critiques, and evaluations will be required for each selection completed.

Course Title: **Mass Media** (5 Credits)

Grade Level: 11,12

Prerequisites: English 10 (P)

Course Description:

Mass Media develops writing, speaking, reading and vocabulary skills through various projects designed to differentiate between the types of media and to examine how the media influences society. The materials in the course emphasize the plays in the relationship between humans and the media. The major focus is on television and film. Major projects done during the semester prepare students to function within the television film industry.

Course Title: **Shakespeare (P)** (5 Credits)

Grade Level: 11, 12

Prerequisites: English 10 (P)

Course Description:

This course is an in-depth study of selected Shakespeare sonnets, plays, representative of each type. Special emphasis will be given to those qualities of the bard's work that have made it endure, such as his insight into human nature, timeliness of his themes, and his influences on subsequent writers. In verbal and written analysis of characterization, structure and theme, the core skills of reading, writing, speaking, listening, and thinking will be reviewed.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

(P)^g = Meets elective course (g) requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Short Story and Novel (P)** (5 Credits)

Grade Level: 11, 12

Prerequisites: English 10 (P)

Course Description:

This course is designed for above-average readers and college bound students to enrich their knowledge of literature and strengthen their analytical skill. Students read a variety of fiction (short stories, novellas, and novels) with an emphasis on universal experience and common themes.

Course Title: **Multicultural Literature (P)** (5 Credits)

Grade Level: 11, 12

Prerequisite: English 10 (P)

Course Description:

Multicultural Literature is designed for students interested in studying various multicultural writers and the relationship of the selected readings to each writer's cultural background. The course will utilize literary works representing variety of cultures and races, encourage students to see their own culture from another culture's point of view, and foster discussions and written responses (essays) that cultivate critical thinking. This class will feature both fiction and non-fiction literature written by African-American, Asian, Latino, Native American, and other non-European writers. Throughout this course, instruction will focus on thematic units, historical research and self-analysis.

(P) = Meets English entrance requirements for the University of California (UC) system and the California State University (CSU) system.

OTHER ENGLISH ELECTIVES

Cannot be used to meet English graduation requirements.

Course Title: **Speech & Debate** (10 to 30 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Teacher approval

Course Description:

Speech & Debate is a year-long course which is designed to give students practical speaking skills, particularly in the development and presentation of speeches to be given publicly in the English language, to English speaking audiences. The course aims to help students develop excellent speaking habits, reduce speaking anxiety, emphasize critical thinking skills, and hone the skills of organization, speech writing and the use of research in speaking. The course also prepares students to compete at the school's interscholastic speech and debate team, which is a member of the Southern California Debate League and the National Forensics League.

Course Title: **Journalism** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course in journalism has the specific objective of preparing students to be members of the staffs of the school publications. Journalism integrates critical thinking and communication by asking students to synthesize a wide range of skills and knowledge into a published document. In developing communication worthy of publication, journalism students sharpen their core skills of reading, writing, speaking, listening and thinking. Through collaboration, research, composing, and editing, students develop essential techniques to prepare them to be both discriminating consumers of media and skillful communicators with opportunities for life-long learning.

Course Title: **Newspaper I - IV** (5 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Completion of Journalism and/or teacher recommendation

Course Description:

This course is designed for the writer who is interested in pursuing a career in journalism or related fields. Students enrolled in Newspaper I may repeat the course for three additional years to perfect and add to skills learned in producing the school newspaper. Class content includes developing writing skills, designing layouts, selling advertising, proofreading, interviewing, and reporting; thus, the core skills of reading, writing, speaking, listening, and thinking will be continually practiced. Editing will be performed using desktop publishing on the computer. Students will work within the ethical practices as set forth in the guidelines set down by the Journalism Education Association, the canons of journalism, and as defined by California State Law found in the Education Code (Sections 48907 and 48950).

Course Title: **Yearbook I - IV** (5 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Completion of Journalism and/or teacher recommendation (with permission of instructor)

Course Description:

Students enrolled in Yearbook will produce the school yearbook following the components and standards set down by the Journalism Education Association, the canons of journalism and California State Law as written in the California Education Code. Course content includes copywriting, editing, layout design, graphics, and photography as well as sales of books and advertisements. The five core skills of reading, writing, speaking, listening, and thinking are used extensively in this course.

Course Title: **Lab Assistance, English** (10 Credits)

Grade Level: 11, 12

Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better and must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students and, at the same time, refine their own skills. Students approved for this course will assist with demonstrations and gain experience in teaching. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

FAMILY AND CONSUMER SCIENCE

Course Title: **Home Arts 1** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Home Arts 1 is a one-semester course that will be accepted for Visual Arts or elective credit for high school graduation. Design principles and construction techniques will be introduced through the use of a variety of three-dimensional materials. The student will explore creative and technical procedures using a variety of media. Career opportunities in the craft industry will be researched.

Course Title: **Home Arts 2** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Home Arts 1

Course Description:

Home Arts 2 is a one-semester course that will be accepted for Visual Arts or elective credit for high school graduation. The emphasis of this course will be the further development of skills introduced in Home Arts 1. Advanced applications in design principles and construction techniques will be explored. The student will develop and demonstrate skills, knowledge, and insights related to jobs and careers in the craft industry.

Course Title: **Marriage and Family Living** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

Marriage and Family Living is a one-semester course that prepares individuals to understand the nature, function, and significance of human relations within the family or individual units. Instruction is given in the concepts and principles related to various family living conditions; the establishment and maintenance of relationships; and the preparation for marriage, parenthood, and family life.

Course Title: **Child Development 1** (5 Credits)

Grade Level: 10, 11, 12; grade 9 students must have teacher permission

Prerequisites: None

Course Description:

This is a one-semester course in which students learn about the importance of prenatal care, which is essential to produce a healthy baby. Proper parenting techniques for the infant are emphasized. The care and understanding of developmental needs and characteristics of the whole child are covered. Observation and actual experiences with children and their parents are integral parts of the course.

Course Title: **Child Development 2** (5 Credits)

Grade Level: 10, 11, 12; grade 9 students must have teacher permission

Prerequisites: Child Development 1

Course Description:

Child Development 2 is a one-semester course, which emphasizes the physical, mental, emotional, and social development of children, ages one through

adolescence. Observation and actual experiences with children and their parents are integral parts of the course. Career opportunities related to child development, care, and guidance will be researched.

Course Title: **Single Living** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

Single Living surveys the role of values, goals, needs, wants, and resources in one's life. Instruction is given on career choices, budgeting, credit, taxes, consumer buying, consumer rights and responsibilities.

Course Title: **Foods and Nutrition** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Foods and Nutrition is a one-semester course that provides opportunities for students to plan, prepare, and evaluate nutritious meals. The curriculum covers safety and sanitation, use and care of equipment, kitchen organization, etiquette, food preparation techniques, microwave cooking, and career awareness.

Course Title: **International Foods** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of Foods and Nutrition or teacher approval

Course Description:

International Foods is a one-semester course with emphasis on further development of skills introduced in Foods and Nutrition. Students will explore cultural differences in cuisine and the historical and geographical reasons for these differences.

Course Title: **Creative Foods** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Foods and Nutrition *and* International Foods, or teacher approval

Course Description:

Creative Foods is a one-semester course emphasizing the further development of skills introduced in Foods and Nutrition *and* in International Foods. This course provides an opportunity to develop skills in menu planning, food preparation, and food service. Students will plan a variety of meals such as luncheons, buffets, receptions, and dinners. Food presentation will be emphasized.

Course Title: **Fashion Construction 1** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This is an introductory course with an emphasis in fashion selection and construction. Projects will incorporate basic construction techniques using the elements and principles of design.

Course Title: **Fashion Construction 2** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of Fashion Construction 1

Course Description:

The emphasis of this course will be further development of skills introduced in Fashion Construction 1. Student selected projects will reflect knowledge of fashion, fit, color, and advanced construction techniques.

Course Title: **Fashion Construction 3** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Fashion Construction 1 and 2

Course Description:

This course provides an opportunity for students with advanced clothing construction skills to experiment with the techniques of fashion design. Students will evaluate design principles as they relate to fashion planning and construction.

Course Title: **Interior Design 1** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

Interior Design is a one-semester course that will be accepted for Visual Art or elective credit for high school graduation. The skills presented in this course will enable students to create desirable living environments using elements and principles of design. Career awareness in housing and home furnishings will be explored.

Course Title: **Interior Design 2** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Interior Design 1

Course Description:

Interior Design 2 is a one-semester course that will be accepted for Visual Art or elective credit for high school graduation. Students study and apply the principles and elements of design in working with personal environment, background treatment, furniture arrangement and selection. Various projects are assigned to deal with color theory, design principles, and drawing floor plans and elevations.

Course Title: **Special Projects in Interior Design** (5 to 10 Credits)

Grade Level: 11, 12

Prerequisites: Successful completion of Interior Design 2 with a grade of "C" or better

Course Description:

Color theory, the principles of design, interior design web sites, furniture arrangement, electrical requirements for homes, architectural drafting, renderings, and presentation techniques will be presented and explored. Course content will also include: elevations, perspective drawings, presentation boards, models built to scale, landscaping, introduction to computer-aided drafting (CAD), lighting, careers in interior design, and the licensing and certification of interior designers. This course will be accepted for Visual Art or elective credit for high school graduation.

Course Title: **Culinary Arts I** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Culinary Arts I is designed to give students a comprehensive overview of the culinary arts field. This course will include in-depth hands on awareness that will emphasize all aspects of the food service industry. This course will also concentrate on nutrition, food safety and sanitation and menu planning. Students will learn fundamental skills of food preparation. This course will include lectures, demonstrations, hands on labs and class presentations.

Course Title: **Culinary Arts II** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Culinary Arts I or teacher approval

Course Description:

This course is designed to expand on the practices and theories introduced in Culinary Arts I. Culinary Arts II will help to prepare students for entry-level positions within the restaurant and food service industry. This course will give students a comprehensive overview of the culinary arts field. Students will further develop the hands on skills and techniques that were introduced in Culinary Arts I. Students will also continue to develop their understanding of appropriate food handling and food storage. This course will also concentrate on the art of service and menu design. Students will have the opportunity to study different cultures and their culinary impact on food. This course will include lectures, demonstrations, hands-on labs, and class presentations.

Course Title: **Lab Assistance, Family and Consumer Science** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better and must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students and, at the same time, refine their own skills. Students approved for this course will assist with demonstrations and gain experience in teaching. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

INDUSTRIAL TECHNOLOGY

Course Title: **Drafting I** (10 Credits) [DHS only]

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course introduces the fundamentals of drafting as a means of communicating ideas and details. It is designed to aid the students in learning how to visualize in three-dimensions, to develop and strengthen their technical imagination, to think precisely, and to read and write the language of industry.

Course Title: **Drafting II** (10 Credits) [DHS only]

Grade Level: 10, 11, 12

Prerequisites: Drafting I with minimum grade of "C" or teacher approval

Course Description:

Drafting II is designed to teach the principles of engineering drawing practices and the use of appropriate modern drafting instruments and machines. Routine engineering procedures, factory manuals, and industrial products are used in assignments.

Course Title: **Drafting III** (10 Credits) [DHS only]

Grade Level: 11, 12

Prerequisites: Drafting II with minimum grade of "C" or teacher approval

Course Description:

Drafting III is a course in engineering design and drawing that reflects practices found in today's engineering drafting rooms. Students work from manufacturers' catalogues and incorporate standard components in their drafting wherever possible. Drafting III applies primarily to end-product drawings. These drawings usually consist of details or part drawings and assembly or sub-assembly drawings.

Course Title: **Drafting IV** (10 Credits) [DHS only]

Grade Level: 12

Prerequisites: Drafting III with minimum grade of "C" or teacher approval.

Course Description:

Drafting IV emphasizes the reading of blueprints and an understanding of shape and space description. The students will make a variety of pictorial views so that parts and the assemblies of parts can be readily identified.

Course Title: **Architectural Drawing I** (10 Credits) [DHS only]

Grade Level: 10, 11, 12

Prerequisites: Drafting I with minimum grade of "C" or teacher approval

Course Description:

Architectural Drawing I is designed for students who plan to enter the building construction field either as architectural draftsmen or as builders. Drafting fundamentals, office procedures, instrumental drawings, architectural symbols, and conventions are studied in terms of the requirements of architectural work. General problems in house design include: plot plan, foundation and floor design, studies in room planning, exterior and interior elevations, and construction detailing.

Course Title: **Architectural Drawing II** (10 Credits) [DHS only]
Grade Level: 11, 12
Prerequisites: Architectural Drawing I with minimum grade of "C" or teacher approval
Course Description:

Architectural Drawing II continues the study that was presented in Architectural Drawing I. This course includes the study of building codes and ordinances, the completion of a set of working drawings for a commercial building or retail space, the completion of a small scale architectural model, and perspective rendering.

Course Title: **Construction Technology 1-2** (5 to 10 Credits)
Grade Level: 9, 10, 11, 12
Prerequisites: None
Course Description:

This course introduces the basic skills in the various fields of construction technology including design, layout, cutting, shaping, assembling, and finishing. Special emphasis is placed on safety in using hand tools and basic machine operations in construction technology. This course may be helpful in learning a vocation or enjoying a hobby.

Course Title: **Advanced Construction Technology** (5 to 20 Credits)
Grade Level: 10, 11, 12
Prerequisites: Successful completion of Construction Technology 1-2 or teacher approval
Course Description:

Students will develop greater skill in the various areas that were presented in previous Construction Technology courses. Students will create and execute plans for projects, applying methods such as laminating, bending, and other technology used in construction.

Course Title: **Photography 1 (P)** (5 Credits)
Grade Level: 10, 11, 12 and selected grade 9 students
Prerequisites: None
Course Description:

Photography 1 is designed to expose the student to the basic camera, photo chemistry, black and white film, and print processing. Photo composition and print finishing will be stressed. The projects assigned will help the student deal with problems encountered in amateur photography.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system. *Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.*

Course Title: **Photography 2 (P)** (5 Credits)

Grade Level: 10, 11, 12 and selected grade 9 students

Prerequisites: Photography 1 or teacher approval

Course Description:

This course is designed for the more serious amateur and will deal with advanced camera handling, photojournalism, portraiture, and an introduction to commercial photography. Projects will be assigned to enhance the students' technical as well as creative skills.

Course Title: **Photography 3 (P)** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Photography 2 with minimum grade of "C"; teacher approval

Course Description:

Photography 3 is an advanced class in photography designed to refine those techniques and skills gained in the basic photography courses. Students will be assigned vocationally-oriented projects. Students will be introduced to color printing and digital imaging.

Course Title: **Photography 4 (P)** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Photography 3 with minimum grade "C"; teacher approval

Course Description:

Photography 4 is a commercially-oriented class designed for the serious photography student. Students will be introduced to color photography and other creative techniques.

Course Title: **Advanced Photography** (5 - 20 Credits)

Grade Level: 11, 12

Prerequisites: Completion of Photography 4 with minimum grade "C"; teacher approval

Course Description:

Advanced Photography is designed to allow the student the opportunity to polish talents and refine techniques introduced in all previous photography classes. The student will continue to develop professional techniques such as soft box lighting, cibachrome printing, and archival mounting. Projects are assigned on an individual basis to expand and add depth to the student's portfolio with either a commercial art or a fine art orientation.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system. *Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.*

Course Title: **Introduction to Animation** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Introduction to Animation, a prefatorial course for the animation pathway, presents students with the basics of animation. Students will overview drawing techniques to control 2-dimensional and 3-dimensional shapes as well as principles and steps in animating. Areas of focus include production flow and job responsibilities, history of animation, character development, movement and timing, special effects, layout design, storyboarding, and script writing. In this class, students will utilize traditional animation techniques to understand the world of animation that bring characters to life.

Course Title: **Animation I** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Introduction to Animation *and/or* teacher approval

Course Description:

Animation I is the first course in the animation pathway. This class introduces students to the use of computers and professional software that give life to a storyboard. In this class, students will utilize scanning, clean-up, compositing, file management, networking, color theory, and digital ink/paint. Students will use film production to control camera stand/moves, apply digital special effects, and 2-dimensional and 3-dimensional compositing. In this class, students will continue to apply traditional animation techniques and animation history to develop an appreciation for the art.

Course Title: **Animation II** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Animation I *or* teacher approval

Course Description:

Animation II, the second course in the animation pathway, introduces students to 3-dimensional animation. Students will learn to use professional software to create 3-dimensional animation sequences. Areas of focus include the use of lightwave studio, 3-D studio max, soft-image, extreme 3-D, and film crew 3-D animator. Students will begin to use non-linear editing including audio, recording, video editing, rendered effects, transition effects, and title page scrolling. Students will continue to develop traditional animation techniques and animation history to develop an aesthetic appreciation and knowledge of animation.

Course Title: **Lab Assistance, Industrial Technology** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better and must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students with lab assignments and other projects. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

INTERDISCIPLINARY

Course Title: **Office Service** (5 to 20 Credits)
Grade Level: 10, 11, 12
Prerequisites: Counselor and individual school office approval
Course Description:

Students are given the opportunity to learn and practice office techniques while performing services for the school. Emphasis will be placed on filing, using the telephone, recording information, receiving visitors, transmitting messages, practicing office skills, learning the value of a pleasant appearance, and good work habits. The credit/no credit grading system is utilized; credit in this course is limited to 20 credits maximum.

Course Title: **Student Government** (5 to 20 Credits)
Grade Level: 9, 10, 11, 12
Prerequisites: None
Course Description:

This course is open to those students elected or appointed to Associated Student Body offices as provided in the Student Body Constitution. The major emphasis of this course is to provide opportunities for students who have leadership ability to organize worthwhile school activities, to conduct these activities democratically, to build school morale, and to perform other services of value to themselves and to their school. This course also provides students with an opportunity to interact with students of other schools and with persons in the community.

Course Title: **Comparative Cultures** [EL Elective] (5 to 10 Credits)
Grade Level: 9, 10, 11, 12
Prerequisites: This course is designed for EL students meeting some or all of the following recommended criteria -
(i) achieve level 1 or 2 on the CEDLT assessment
(ii) minimum 5 year deficiency on a standardized English reading test
(iii) foreign born students enrolling for the first time in United States schools.

Course Description:
Comparative Cultures utilizes instructional strategies that include specially designed academic instruction in English (SDAIE). This course provides an introduction to United States culture. Students in this course will be presented with a practical social, cultural, and political orientation of the United States.

Course Title: **Work Experience** (5 to 20 Credits)

Grade Level: Selected students in grades 11 and 12

Prerequisites: None

Course Description:

This course offers students the opportunity to participate in planned, supervised learning situations while on the job. This learning takes place during and after the regular school day, and is a joint responsibility of the school, the employer, the parent, and the student, and should, therefore, be offered on an equal basis with other elective subjects.

Course Title: **Academic Decathlon** (5 to 20 Credits)

Grade Level: 10, 11, 12

Prerequisites: Teacher approval

Course Description:

This course is designed to prepare and instruct students in content areas for the Los Angeles County Academic Decathlon. Instruction will be provided in the general areas of: personal interview, economics, fine arts, mathematics, essay, and super quiz. The specific topics within each of these areas will be thoroughly addressed once the topics are released by the Los Angeles County Office of Education. Beyond preparation for academic competition emphasis will be placed on writing, analyzing, researching, interpreting, and evaluating literary works.

Course Title: **Photojournalism** (10 Credits)

Grade Level: 9, 10, 11

Prerequisites: Keyboarding skills; student must supply his/her own camera for use throughout the course.

Course Description:

Photojournalism presents the basic skills of photography and news reporting to students who may be interested in working on the school newspaper or yearbook. Students will organize stories that are accompanied by supporting photography and use computers to design layouts resembling newspaper or magazine styles. In this course, students will develop a portfolio of their work on the various styles of reporting and layout.

Course Title: **Digital Media Production** (10 Credits)

Grade Level: 11, 12

Prerequisites: Successful completion of a basic computers class and/or teacher or counselor recommendation

Course Description:

This course aims to develop students' abilities to integrate the dominant and burgeoning technologies of our time. Students will be presented with a wide range of mass media technologies which include: television and video production and editing, web site design, computer graphics, digital audio and photography, presentation software, and basic animation. Through hands-on learning experiences, students will research, design, and produce a variety of film or web-based projects with the dual emphasis of acquiring technical skills and achieving clear, effective and stimulating communication. As students gain proficiency and develop strong collaborative team efforts, their finished projects may be available to teachers and students to use in classrooms and/or view on the internet. Exemplary students will be encouraged to assist local businesses and community organizations by designing web pages, creating training presentations, or assisting to film school or local activities.

Course Title: **Lab Assistant, ELD** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Students enrolled in Lab Assistant, ELD must:

- (1) demonstrate proficiency in speaking, reading, and writing English and another language (Spanish, Korean, Chinese, etc.);
- (2) successfully complete the course in which the lab assistance will be performed with a grade "B" or better; and
- (3) be recommended by the subject teacher

Course Description:

Lab Assistants will help students access the core curriculum in a before or after school tutorial, or as an assistant to teachers in their classrooms. Students will provide assistance as tutors in different subject areas such as science, mathematics, social studies, English, and computers. The students enrolled in Lab Assistant, ELD, will function as translators and gain experience in simultaneous translation. This course will help develop confidence, responsibility, and leadership qualities in the student tutors.

Course Title: **Technology Core Lab** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of Computer Applications and/or teacher or counselor recommendation

Course Description:

Technology Core Lab is a practical, activity-orientated, laboratory-based course that provides students with exposure to new and emerging technologies with an interactive dynamic computer lab. Small groups will use a modular and team approach through hands-on projects to identify and develop technological solutions to problems. Learning modules are utilized to give students hands-on interaction with areas such as power and alternative forms of energy, bio-engineering, construction, environmental management, robotics, manufacturing automation, video production, multi-media production, aerodynamic principles, aviation and aerospace, laser and fiber optics, road transportation, communication, structural engineering, and architectural design. Upon successful completion of this course, the student will have the requisite critical thinking skills to make decisions regarding career and educational choices as related to technology. This course is aligned to the current California and also the National Technology Education Standards.

Course Title: **AVID** (*Advancement via Individual Determination*) (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Teacher recommendation; student must have a current G.P.A. of 2.8- 3.5.

Course Description:

AVID (*Advancement via Individual Determination*) is an academic program based upon writing as a tool of learning, use of the inquiry method, and collaborative learning. Its three main components are: academic instruction, tutorial support, and motivational activities. The focus of the course is to prepare economically disadvantaged, under-achieving students for college eligibility. Enrollment in the AVID elective class offers students guidance, academic support, tutorial support for core classes, and opportunities to interact with colleges and universities through field trips and speakers. Students also receive assistance in preparing for the College Boards (PSAT, SAT, and ACT), college applications, and scholarship applications. To participate in AVID, students must be recommended by a teacher. Students are required to complete two hours of homework every night and must enroll in challenging college preparatory courses.

Course Title: **Lab Assistance, AVID** (5 to 10 Credits)

Grade Level: 12
Prerequisites: Teacher and counselor recommendation
Course Description:

This elective course is open to students who have a strong interest in helping and teaching. Students enrolled in Lab Assistance, AVID will help students access the core curriculum (English, math, social studies, and science) in a before or after school tutorial and/or serve as an assistant to teachers in their classrooms. Students will provide assistance as tutors in different subject areas but in particular, the core areas of English, math, science and social science. This course will develop confidence, responsibility, and leadership qualities in the student tutors.

Course Title: **Study Skills** (5 Credits)

Grade Level: 9

Prerequisites: None

Course Description:

Study Skills emphasizes the learning skills necessary for academic success. Students explore personal academic strengths and weaknesses, learning styles, and strategies for success in high school courses. Topics include: time management; basic learning strategies (strengthening memory, taking notes from lecture; applying notes to studying/learning), vocabulary and grammar development; academic goal setting, organizational skills; test-taking skills (essay tests, objective tests, and CAHSEE – math and English portions); and, character education.

Course Title: **Peer Assistance** (5 to 20 Credits)

Grade Level: 11, 12

Prerequisites: Successful completion of the *Peer Assistance* selection process

Course Description:

Peer Assistance is designed with the purpose to maximize the benefits of the existent peer assistance program, Link Crew. These benefits include increased sense of community, communication and leadership skills, improved school climate, and successful transition of new students. Throughout the course of the *Peer Assistance* class, instruction will be service-oriented. Students in *Peer Assistance* will gain skills in the following areas:

Link Alert (interpersonal communication, reflective listening, resource management); Link Applause (storytelling, extemporaneous speaking, fact research and reporting, graceful approach and interaction with adults); Transition of New Students Midyear (resource management, introductions, making first impressions); Tutoring Program (curricular knowledge, time management); and Service Learning Projects - beyond the Link Crew program (project planning, recognition of areas of need, personal and group reflection, leadership vs. management).

Course Title: **Decision-Making Skills** (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Decision-Making Skills, a life management skills course, is a 60-hour curriculum designed to assist students in the development of life skills. The underlying theme of this course parallels the District's Character Counts program. Decision-Making Skills focuses on the following eight areas: Job Search and Retention; Motivation, Conditioning, Attitudes, and Habits; Goal Setting; Problem Solving and Decision Making; Emotional Control; Family Relationships; Financial Stability; and Effective Communication.

"PROJECT LEAD THE WAY" (PLTW) COURSE OFFERINGS

Course Title: **Introduction to Engineering Design (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of or concurrent enrollment in Geometry

Course Description:

In this engineering career foundational course, students use a problem-solving model to design solutions to real world challenges, including improving existing products and also inventing new products. Students enrolled in Introduction to Engineering Design create designs and communicate product detail. This course will demonstrate that the engineering process is multi-faceted, combining physical science knowledge, mathematical insight, creative design, organizational skills, data analysis, documentation and critical thinking. Course format will include lectures, in-class technologies, group projects, discussions, lab experiments and outside research.

Course Title: **Principles of Engineering (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Introduction to Engineering Design

Course Description:

This course is designed to introduce students to the foundation principles of engineering and to give students opportunities to begin applying those principles to real-life problems. Students will learn that the engineering process is multi-faceted, combining physical science, mathematical insight and application, creative design, organization skills, communication skills, data analysis and documentation. Students will engage in problem-solving activities and project development that will require them to build expertise in all of the facets of engineering. Course will include lectures, projects, labs and presentations.

Course Title: **Aerospace Engineering (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Introduction to Engineering *and/or* Principles of Engineering

Course Description:

Aerospace Engineering is designed as a specialty course in the engineering pathway. Students will be introduced to the facets of this branch of engineering, including information systems, rocketry, propulsion, structures and materials, systems engineering, as well as the physics, life, and biology of space science. Using sophisticated three-dimensional modeling software and advanced engineering equipment, students will engage in problem solving activities and projects related to real-life situations encountered by aerospace engineers in the field. Students will combine knowledge in science, math, design, organization, and data analysis to develop critical thinking skills that prepare students for success in engineering coursework. Course work and content will be delivered through lectures, as well as independent and collaborative projects, labs, presentations, and research.

(P) = Meets elective entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Automotive Technology** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Automotive Technology trains students for entry-level positions in the automotive technician field. The student will receive core instruction in automotive basics then selects a specialty, such as: air-conditioning service repair technician, alignment technician, automotive engine re-builder, brake technician, electrical diagnostician, engine emission technician, drivability technician, fuel systems technician, lube, oil, filter, cooling system service technician, and transmission technician.

The course involves work-based learning experiences that may include unpaid or paid employment. Students will read and interpret technical manuals. Additional instruction will address understanding customer needs and students will learn to communicate effectively. Successful students will also be able to apply math and science skills including algebra, chemistry, and physics.

Course Title: **Automotive Engineering (P) (10 Credits)**

Grade Level: 9, 10, 11, 12

Prerequisites: Completion of Automotive Technology recommended

Course Description:

Automotive Engineering is a study of the interaction of science and technology as they apply to the automotive transportation system and the engineered sub-systems that are responsible for the functioning of the automobile. These include integrated mechanical, electrical, chemical, and computer engineered systems. The mathematics and scientific concepts associated with these systems will also be explored. Students will develop their understanding of science, as it applies to the study of engineered automotive systems, by building on their knowledge of physics and mathematics while conducting investigative research. Students will be engaged in this theoretical program that integrates academic study with technical skills. Automotive Engineering prepares students to pursue a post-secondary education in science and engineering programs.

Course Title: **Automotive Physics (10 Credits)**

Grade Level: 11, 12

Prerequisites: Completion or concurrent enrollment in Automotive Engineering

Course Description:

Automotive Physics is a theoretical introductory course with a significant emphasis placed on physics concepts as they relate to the automobile. The focus of this course is not working on cars; rather, students will concentrate on rigorous articulated modular activity-orientated lab investigations. Students observe, test and apply the principles from physics to the automotive operating systems. The major areas of physics addressed in this class include motion and forces, conservation of energy, heat and thermodynamics, and electric and magnetic phenomena. By focusing on the application of physics principles to situations and problems found in the systems of the automobile such as the electrical, brake, steering and suspension, engine and drive train systems, students develop analytical and observational skills that enable them to expand their understanding of physics to better prepare them for college engineering classes.

(P) = Meets elective entrance requirements for the University of California (UC) system and the California State University (CSU) system.

MATHEMATICS

*Two years of mathematics are required for graduation.
Completion of Algebra I, taken either in middle school or high school, is required for a high school diploma.*

Students enrolling in Algebra Readiness will earn elective credit only .
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Course Title: **Algebra Readiness** (10 Credits)
Grade Level: 9
Prerequisites: Teacher/counselor recommendation based upon student performance in previous math course; and/or CST score in mathematics; and/or score on UC/CSU MDTP Placement Test.

Course Description:

Algebra Readiness is designed to facilitate student mastery of essential prerequisite algebra skills and concepts. This course focuses upon the necessary skills for success in Algebra I. The topics are primarily pre-algebra standards and several algebra standards which include, but are not limited to: Operations on Whole Numbers and Rational Numbers; Symbolic Notation; Equations and Functions; the Coordinate Plane; and, Graphing Proportional Relationships. This course will provide support for students using a variety of instructional strategies, including teachers providing various ways to explain and develop concepts. Upon completion of Algebra Readiness, students may enroll in Algebra I.

Course Title: **CAHSEE** (*California High School Exit Exam*) **Math**
(5 to 10 Credits)
Grade Level: 10, 11, 12
Prerequisites: Teacher recommendation and/or counselor approval; **or** failure to achieve a passing score on the math portion of the CAHSEE.

Course Description:

Students enrolling in this course will be provided additional instruction in the topics of the High School Exit Exam in Mathematics. Students will focus on the specific areas of Algebra and Pre-Algebra that are included on the CAHSEE, including: statistics, data analysis and probability, number sense, measurement and geometry, mathematical reasoning, and algebra. Foundations in arithmetic, work with decimals, fractions, and percent will be reinforced. Students enrolled in this course may earn a maximum of 10 math credits. *This course may be repeated for elective credit only.*

Course Title: **Algebra I** (P) (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Teacher/counselor recommendation; achieve the entrance score on the MDTP Algebra Readiness Test and/or the District Algebra I (Grade 8) Final Exam.

Course Description:

In Algebra I, students learn to reason symbolically, and the complexity and types of equations and problems they are equipped to solve increase dramatically as a consequence. The key content of Algebra I involves understanding, writing, solving, and graphing linear and quadratic equations, including systems of two linear equations and two unknowns. Quadratic functions will be solved by graphing, factoring, completing the square, or by applying the quadratic formula. Students will also solve problems using monomial and polynomial expressions, employing a variety of algebra techniques. Emphasis will be placed on preparing students for success in Geometry and Algebra II courses.

Course Title: **Algebra I XL (P)** (10 Credits)

Grade Level: 9

Prerequisites: Teacher/counselor recommendation; completion of Algebra I in grade 8; and achieving the entrance score on the District Algebra I (Grade 8) Final Exam.

Course Description:

This course is a special section of Algebra I for qualifying grade 9 students only. In Algebra I, students learn to reason symbolically, and the complexity and types of equations and problems they are equipped to solve increase dramatically as a consequence. The key content of Algebra I involves understanding, writing, solving, and graphing linear and quadratic equations, including systems of two linear equations and two unknowns. Quadratic functions will be solved by graphing, factoring, completing the square, or by applying the quadratic formula. Students will also solve problems using monomial and polynomial expressions, employing a variety of algebra techniques. Emphasis will be placed on preparing students for success in Geometry and Algebra II courses.

Course Title: **Geometry (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of Algebra I with a grade of "C" or better; achieve the entrance score for this course on the MDTP Elementary Algebra or Geometry Readiness Test; teacher recommendation.

Course Description:

Geometry is designed to develop the student's power to use geometric ideas and tools to interpret and represent two- and three-dimensional situations. This course will include the study of distance and direction through work with lines and angles, parallel and perpendicular lines, slopes, and reflections as well as the study of size through work with area, perimeter and volume. Also studied will be similarities, constructions, the Pythagorean Theorem, explorations of circles, transformations, and principles of logical reasoning.

(P) = Meets mathematics entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Honors Geometry (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Successful completion of Honors Algebra I and teacher recommendation; achieve the entrance score for this course on the MDTP Elementary Algebra or Geometry Readiness Test.

Course Description:

Honors Geometry presents an in-depth study of the concepts introduced in the standard geometry course. In addition to the topics presented in the regular Geometry class, the following units will also be studied in Honors Geometry: conditional statements and logic; loci; introduction to the conic sections; coordinate proofs; transformations; and functions. All theorems in Honors Geometry will be derived.

Course Title: **Algebra II (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Geometry with a minimum grade of "C" or better; achieve the entrance score for this course on the MDTP Second-Year Algebra Readiness Test.

Course Description:

Following a review of the skills and concepts presented in Algebra I, this course extends mathematic operations to the real and complex number field. Emphasis in Algebra II is placed on algebraic techniques which are essential for the study of advanced mathematics. Graphing calculators will be utilized in the instruction of this course.

Course Title: **Honors Algebra II (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Honors Geometry with a minimum grade of "B" or better; achieve the entrance score for this course on the MDTP Second-Year Algebra Readiness Test.

Course Description:

Honors Algebra II presents an in-depth study of concepts introduced in a second-year algebra course. In addition, it includes trigonometry as it relates to practical applications. Mathematical topics of sequences, series, matrices, determinants, will also be presented. The graphing calculator will be extensively utilized in this course.

Course Title: **Trigonometry/Pre-Calculus (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Algebra II and Geometry with a grade of "C" or better and teacher recommendation; achieve the entrance score for this course on the MDTP Intermediate Algebra Test.

Course Description:

Trigonometry/Pre-Calculus presents a thorough treatment of the theory and application of trigonometry and the foundations of calculus. Analytical methods are introduced by means of the study of fundamental definitions, theorems, and analysis of the basic structure of mathematical systems. Elementary function theory is introduced to develop algebraic, exponential and trigonometric functions. Calculus is introduced through a study of limits. This course emphasizes critical-thinking, problem analysis, and the use of the graphing calculator.

(P) = Meets mathematics entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Honors Trigonometry/Pre-Calculus (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Honors Algebra II with a "B" or better and teacher recommendation; achieve the entrance score for this course on the MDTP Intermediate Algebra Test.

Course Description:

Honors Trigonometry/Pre-Calculus presents an in-depth study of the topics of a Trigonometry/Pre-Calculus course. This course will also cover additional topics in calculus, with increased emphasis on analysis and proofs. The graphing calculator will be extensively utilized in this course.

Course Title: **Advanced Placement Calculus AB/BC (P)** (10 Credits)

Grade Level: 12

Prerequisites: Honors Trigonometry/Pre-Calculus with a minimum grade of "B" or better; and/or teacher recommendation

Course Description:

Advanced Placement Calculus is designed to provide students the content of a university-level calculus course while enrolled in high school. Topics include analysis of polynomial, exponential, trigonometric, and logarithmic functions and the continuity of functions. The derivative and the integral will be defined, rules will be derived, and operations will be performed. Application problems involving differential and integral calculus will be a significant part of this course. Students will take the Advanced Placement Exam in which college or university credit for calculus may be granted. Graphing calculators will be needed to investigate mathematical concepts throughout the course and are required in taking the Advanced Placement Exam.

Course Title: **Calculus (P)** (10 Credits)

Grade Level: 12

Prerequisites: Trigonometry/Pre-Calculus with a minimum grade of "B"

Course Description:

Calculus is designed to provide students the content of a traditional calculus course while enrolled in high school. Topics include analysis of polynomial, exponential, trigonometric, and logarithmic functions and the continuity of functions. The derivative and the integral will be defined, rules will be utilized, and operations will be performed. Application problems involving differential and integral calculus will be a significant part of this course.

(P) = Meets mathematics entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Advanced Placement Statistics (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Successful completion of Trigonometry/Pre-Calculus; completion of a computer course is highly recommended.

Course Description:

The purpose of this Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will complete work in these four broad conceptual themes: exploring data; planning a study; anticipating patterns; and, statistical inference. Student projects are an indispensable part of this course. In these projects, students define a problem, collect data on that problem, analyze their data, including the use of appropriate graphical displays, and then write a report/or present an oral report of their conclusions. Students who successfully complete the course and examination may receive college credit for an introductory college statistics course.

Course Title: **Statistics (P)** (10 Credits)

Grade Level: 11,12

Prerequisites: Successful completion of Trigonometry/Pre-Calculus; completion of a computer course is highly recommended.

Course Description:

The purpose of this course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will complete work in these four broad conceptual themes: exploring data; planning a study; anticipating patterns; and, statistical inference. Student projects are an indispensable part of this course. In these projects, students define a problem, collect data on that problem, analyze their data, including the use of appropriate graphical displays, and then write a report/or present an oral report of their conclusions.

Course Title: **Coordinated Mathematics** (10 Credits)

Grade Level: 12

Prerequisites: Successful completion of Algebra I; passing score achieved on the mathematics portion of CAHSEE.

Course Description:

Using the foundations of algebra, students expand their comprehension of mathematics by studying exciting and non-routine topics that go beyond the scope of a traditional high school algebra course. Students will develop an increased understanding of mathematics by working on topics such as probability, statistics, sequences, symmetry, and geometry. Mathematics has special significance in the development of higher levels of critical thinking. In this course, students will utilize critical thinking in their analysis and solution of mathematical problems. Continued emphasis on problem solving and number sense will be an integral component of this course.

(P) = Meets mathematics entrance requirements for the University of California (UC) system and the California State University (CSU) system.

PHYSICAL EDUCATION

Two years of physical education are required for graduation.

Course Title: **Physical Education** (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

The aim of physical education is to promote total physical fitness through selected activities designed to meet the developmental characteristics and needs of each student. The Physical Education Department will offer activities and experiences leading to the social, mental, emotional, and physical development of the individual student.

Course Title: **Adaptive Physical Education** (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Doctor's recommendation and IEP meeting

Course Description:

Adaptive Physical Education is designed to help students who cannot participate in a regular physical education class, but who still need to have some physical activity. The enrollment is limited enable the instructor to provide individual attention. The course stresses physical fitness, muscular and mental coordination, and good sportsmanship.

Course Title: **Lab Assistance, Physical Education** (10 Credits)

Grade Level: 11, 12

Prerequisites: Students must have prior approval of the teacher, department head, counselor, *and* assistant principal. Students must have completed one or more courses in the subject in which the lab assistance will be performed.

Course Description:

This course is open to only one or two especially qualified students each year. Students enrolled in the Lab Assistance assist in the coaching of grades 9 and 10 basketball teams. This class is differentiated from Office Service in that students receive a letter grade. Therefore, the performance of clerical skills will be minimal. Students may not be concurrently enrolled in both Lab Assistance and Office Service.

SCIENCE

Required Health Course

Course Title: **Health** (5 Credits)

Grade Level: 9

Prerequisites: None

Course Description:

This one-semester course is required for all grade nine students. Emphasis is placed on self-awareness and decision-making skills as they relate to crucial issues in the field of health. The students will study personal and physical development, physical and mental hygiene, social adjustment, communicable diseases, drug abuse, and nutrition.

One year of physical science (Physical Science of the Earth or Chemistry)
and
one year of life science (Biology) ***are required for graduation.***

PHYSICAL SCIENCES

Course Title: **Physical Science of the Earth (P)^g** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Physical Science of the Earth is a one-year course that meets the District's physical science requirements for high school graduation, and is aligned to the State's Science Content Standards. This course presents an overview of physical science with an emphasis on the earth, and provides insight into the means by which scientific knowledge is acquired. Through the integration of chemistry and physics, the course will cover the earth's place in the universe, dynamic earth processes including plate tectonics, energy within earth systems. Additional areas of instruction include atmosphere, biogeochemical cycles, and California geology. This course will incorporate hands-on laboratory activities, and will focus on developing students' abilities in problem solving through experimentation and concrete examples.

Course Title: **Chemistry (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: "C" or better in Algebra I and the successful completion of Biology.

Course Description:

This laboratory science course meets the University of California entrance requirements for a laboratory science and is aligned to the State's *Science Content Standards*. The principles, theories, and laws of chemistry are introduced through laboratory experiments and demonstrations. This class will be divided into the following major units: atomic structure, chemical reactions; states of matter; chemical bonds; stoichiometry; gas laws; energy; acids, bases, and solutions.

(P)^g = Meets elective course (g) requirements for the University of California (UC) system and the California State University (CSU) system.

(P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.

PHYSICAL SCIENCES - continued

Course Title: **Honors Chemistry (P)** (10 Credits)
Grade Level: 11, 12, and teacher-selected grade 10 students
Prerequisites: "A" or "B" in Algebra I (Geometry recommended) and "A" or "B" in Biology;
or permission of the Chemistry instructor

Course Description:

This laboratory science course meets the University of California entrance requirement for a laboratory science, is designed for the science-oriented student, and is aligned to the State's *Science Content Standards*. The vocabulary of chemistry and methods of problem solving are emphasized. The principles, theories, and laws of chemistry are taught in-depth through laboratory experiments and demonstrations.

Course Title: **Advanced Placement Chemistry (P)** (10 Credits)
Grade Level: 11, 12
Prerequisites: "A" or "B" grade in Chemistry or Honors Chemistry *and* the permission of the Advanced Placement Chemistry instructor

Course Description:

Advanced Placement Chemistry will provide a review of the regular college preparatory chemistry class. It will present content routinely studied in a typical first-year college course such as equilibria, kinetics, and thermodynamics. The topics and laboratory experiences of organic and nuclear chemistry will also be included. Students may take the Advanced Placement exam for which college or university credit for chemistry may be granted.

Course Title: **Physics (P)** (10 Credits)
Grade Level: 10, 11, 12
Prerequisites: "C" or better in Algebra I and Geometry;
Algebra II or Trigonometry/Precalculus recommended;
successful completion of Chemistry

Course Description:

This laboratory science course meets the University of California entrance requirements and is aligned to the State's *Science Content Standards* for physics and selected units of earth science. Physics is a study of various kinds of energy and the inter-relationships between matter and energy. Heat, gravity, laws of motion, dynamics, magnetism, light, sound, electricity and nuclear energy are studied.

(P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.

PHYSICAL SCIENCES - continued

Course Title: **Honors Physics (P)** (10 Credits)
Grade Level: 10, 11, 12
Prerequisites: Completion of Algebra II with a grade "B" or better **and** concurrent enrollment in Trigonometry/Precalculus; **or** teacher permission

Course Description:

Honors Physics meets the University of California entrance requirements and is aligned to the State's *Science Content Standards* for physics and selected units of earth science. This course presents a study of the interrelationship of matter and energy in which a rigorous problem solving approach will be utilized. Velocity, acceleration, light, electromagnetism, special relativity and modern physics are some of the topics that are covered. The principles, theories, and laws of physics are taught in-depth through laboratory experiments and demonstrations.

Course Title: **Oceanography** (5 Credits)
Grade Level: 11, 12
Prerequisites: Selected students with science teacher/counselor approval
Course Description:

This course satisfies one semester of the District's physical science requirement for graduation. Through the physical science aspect of oceanography, California's Science Content Standards in Earth Sciences (Dynamic Earth Processes, Energy in the Earth System, Biogeochemical Cycles, and California Geology) and Chemistry (Chemical Bonds, Gases and their Properties, Acids and Bases, and Solutions) will be addressed. The course will also include opportunities for hands-on activities and laboratory experiments, engaging students in all investigation and experimentation Science Standards for grades 9-12. This course is designed as an opportunity for students to master Physical Science Standards and earn make-up credits in physical sciences in studying the oceans. Prospective students have been enrolled in Physical Science of the Earth and Biology, and are seeking to earn make-up credits in physical science. This course does not meet the University of California entrance requirements.

Course Title: **Prechemistry/Physics** (5 Credits)
Grade Level: 10, 11, 12 and selected grade 9 students
Prerequisites: None
Course Description:

Prechemistry/Physics is designed for the student with little or no experience in the use of laboratory materials and procedures. Students will be introduced to the metric system, problem solving, logical thinking, use of simple laboratory equipment, and collection and evaluation of data. Emphasis will be upon teacher demonstration with supplementary student activities when ever possible.

*NOTE: This course **does not** provide science credit for chemistry or physics. Prechemistry/Physics does not satisfy the Science Content Standards course requirements for graduation.*

Ⓟ(P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.

PHYSICAL SCIENCES - continued

Course Title: **Topics in Earth Science** (10 Credits)
Grade Level: 9 and selected students in grades 10-12
Prerequisites: Students identified by counselor based on student performance during previous academic school year including CST scores or previous participation in school intervention.

Course Description:

Topics in Earth Science meets the physical science requirement for high school graduation and is aligned to the State's Science Content Standards. This course presents an overview of physical science with an emphasis on earth sciences and is designed for high school freshmen. The course topics include the earth's place in the universe, dynamic earth processes including plate tectonics, and energy within earth systems. Additional areas covered include atmosphere, biogeochemical cycles and California geology. This class also focuses on the necessary skills required to be successful in a science class. This course provides academic support for students using a variety of instructional strategies.

Course Title: **Biology (P)** (10 Credits)
Grade Level: 10, 11, 12, and teacher-selected grade 9 students
Prerequisites: All students must be enrolled in an Algebra I (or higher math) class **and/or** students in grades 10-12 must successfully complete Physical Science of the Earth.

Course Description:

Biology is a course that meets the University of California entrance requirements for a laboratory science and is aligned to the State's *Science Content Standards* for biology. It includes the investigation of molecules, cells, genetics, evolution, organisms, and populations. This course will also incorporate projects and application of theory through research.

Course Title: **Honors Biology (P)** (10 Credits)
Grade Level: 10, 11, 12, and teacher-selected grade 9 students
Prerequisites: Completion of Algebra I class with a grade A; reading at or above grade level; and/or teacher recommendation or placement test.

Course Description:

Biology Honors reflects a comprehensive study of the major principles that are common to all living systems: evolution - patterns and products of change; interaction and interdependence; genetic continuity and reproduction; growth, development, and differentiation; energy, matter, and organization; maintenance of a dynamic equilibrium; science, technology, and society. This course focuses on minute structures such as cells and genes, as well as on the processes related to them. In addition, the course will focus upon how these molecular systems exert effects in the whole organisms, which in turn interact with their external environments. Equally important, this course will introduce students to the nature of science through inquiry and investigation. The main objective is to lead each student to conceive of biology as a science and to see the process of science as a reliable method of gaining objective knowledge. Students enrolling in Biology Honors should be concurrently enrolled in a mathematics class, either Geometry or Algebra II.

Course Title: **Advanced Placement Biology (P)** (10 Credits)
Grade Level: 11, 12
Prerequisites: "A" or "B" grade in Biology and Chemistry
Course Description:

The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year of college. The Advanced Placement Biology course is designed to be taken by students after the successful completion of a first course in high school biology and chemistry. Students may take the Advanced Placement Exam for which college or university credit for introductory biology may be granted. This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

(P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.

LIFE SCIENCES - continued

Course Title: **Anatomy and Physiology (P)** (10 Credits)
Grade Level: 11, 12
Prerequisites: "A" or "B" grade in high school science graduation requirements Course
Description:

Anatomy and Physiology is a detailed study of the structure and function of the human body. This college preparatory laboratory course is designed for students entering biology-related fields including medicine, dentistry, and physical education. Activities in this course include dissections, research projects, and classroom presentations.

Course Title: **Botany (P)** (10 Credits)
Grade Level: 11,12
Prerequisites: Completion of: (1) Biology and
(2) Physical Science of the Earth or Chemistry

Course Description:

Students will utilize sound scientific investigative techniques to study aspects of the botanical world including plant anatomy and physiology, plant nutrition, plant genetics. Plant reproduction and development, plant ecology, plant evolution, and plant taxonomy.

Course Title: **Advanced Placement Environmental Science (P)** (10 Credits)
Grade Level: 11, 12
Prerequisites: Successful completion of Biology and Chemistry with a grade "B" or better
Course Description:

The goals of the Advanced Placement Environmental Science course are: to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and human-made; to evaluate the relative risks associated with these problems; and to examine the alternative solutions for resolving and/or preventing these environmental problems. AP Environmental Science is interdisciplinary -- it embraces a wide variety of topics from different areas of study such as geology, biology, chemistry, earth sciences, and geography. Through these different areas of study, students will identify the major unifying concepts or themes that cut across the many topics of environmental science. Students who successfully complete the course **and** AP examination may receive college credit for a one-semester introductory college course in environmental science.

(P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.

LIFE SCIENCES - continued

Course Title: **Marine Biology** (5 Credits)

Grade Level: 11, 12

Prerequisites: Selected students with science teacher/counselor approval

Course Description:

This course satisfies one semester of the District's life science requirement for graduation. Through the study of marine biology, California's Science Content Standards in Biology and Life Sciences (Cell Biology, Ecology, Evolution, and Physiology) will be addressed. The course will also include opportunities for hands-on activities and laboratory experiments, engaging students in all investigation and experimentation Science Standards for grades 9-12.

This course is designed as an opportunity for students to master Life Science Standards and earn make-up credits in life sciences through study of the oceans.

Prospective students have been enrolled in Physical Science of the Earth and Biology, and are seeking to earn make-up credits in life science. This course does not meet the University of California entrance requirements.

Course Title: **Lab Assistance, Science** (10 Credits)

Grade Level: 12 and selected grade 11 students

Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better *and* must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students and, at the same time, refine their own skills. Students approved for this course will assist with demonstrations and gain experience in teaching in one of the following four areas: Biology, Chemistry, Physics, or Physiology. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

LIFE SCIENCES – continued

“PROJECT LEAD THE WAY” (PLTW) COURSE OFFERINGS

Course Title: **Principles of Biomedical Science (P)** (10 Credits)

Grade Level: 9

Prerequisites: Concurrent enrollment in Biology

Course Description:

Students enrolled in Principles of Biomedical Science investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Within units of study, students determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The course activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in PLTW's Biomedical Sciences program and lays the scientific foundation for subsequent courses.

Course Title: **Human Body Systems (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Biology; Principles of Biomedical Sciences recommended

Course Description:

In Human Body Systems, students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries.

OTHER SCIENCE COURSES

Course Title: **Science Research** [Summer School only] (5 to 20 Credits)

Grade Level: 9, 10, 11

Prerequisites: Teacher recommendation

Course Description:

Science Research is an elective summer course designed for self-motivated students with a strong interest in science. The emphasis of the course is on the development and completion of independent science projects for regional science fairs or guided science projects and activities aligned with the Science Olympiad. There is a strong emphasis on scientific research methods and critical thinking. *This course does not satisfy any of the District science requirements and counts for elective credit only.*

(P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.

SOCIAL STUDIES

Three years of social studies, consisting of one year of World History & Geography, one year of American History, one semester of American Government, and one semester of Economics are required for graduation.

REQUIRED WORLD HISTORY & GEOGRAPHY COURSE

Course Title: **World History & Geography (P)** (10 Credits)

Grade Level: 10

Prerequisites: None

Course Description:

In the first semester of study, World History & Geography encompasses the origins and development of the countries of the world from the 18th century through World War I. Specific units of study include: Connecting with Past Learnings - the Rise of Democratic Ideas; Industrial Revolution; Rise of Imperialism and Colonialism 1 & 2 and, World War I and its Consequences. In the second semester, World History & Geography continues the study to the present day. Specific units of study include: Totalitarianism in the Modern World - Nazi Germany and Stalinistic Russia; World War II and its Consequences; Nationalism in the Contemporary World; Soviet Union and China; Middle East; Africa - Its Effect on the World; and, Latin America. Physical and cultural geography are blended together to provide an appropriate background for the study of history and geography. This course will present current world issues and relate them to their historical, geographic, political, economic, and cultural contexts.

~ OR ~

Course Title: **Advanced Placement European History (P)** (10 Credits)

Grade Level: 10

Prerequisites: Teacher or counselor approval

Course Description:

This Advanced Placement course presents a college-level study of European history. Through this history course, students will demonstrate knowledge of the basic chronology, major events, and trends from approximately 1450 A.D. to 1980 A.D. The goals for students enrolled in this course are to develop an understanding of some of the principal themes in modern European history, and to develop an ability to analyze historical evidence through extensive writing assignments. Students who pass the Advanced Placement Examination may receive college credit for European history.

(P) = Meets history entrance requirements for the University of California (UC) system and the California State University (CSU) system.

REQUIRED AMERICAN HISTORY COURSE

Course Title: **Modern American History** (P) (10 Credits)

Grade Level: 11

Prerequisites: None

Course Description:

The course will begin with selective review units of United States history beginning with the nation's creation and the rise of democratic ideals. This review unit will concentrate on the Civil War and the growth of America as an industrial power. During the first semester, Modern American History will emphasize the Progressive Era, including our role in World War I and its aftermath, the Jazz Age, the Great Depression, and America's role in World War II. In the second semester, the course will examine the Cold War and its effect of America's foreign policy, hemispheric relationships in the post war era, the civil rights movement in the post war era, changes in American society after World War II with an emphasis on social, political, and economic trends, and the United States in recent years.

~ OR ~

Course Title: **Advanced Placement U.S. History** (P) (10 Credits)

Grade Level: 11

Prerequisites: Teacher or counselor approval

Course Description:

This course is an accelerated and intensive study of United States history from pre-colonial to contemporary times. Basic historical, economical, geographical, social, and political knowledge and concepts, as well as critical thinking and research skills will be stressed. Emphasis is placed on writing, analyzing, interpreting, and evaluating historical evidence. The focus of the course will be upon the opportunity for students to take the Advanced Placement Exam in United States History for which college or university credit may be granted.

(P) = Meets history entrance requirements for the University of California (UC) system and the California State University (CSU) system.

REQUIRED AMERICAN GOVERNMENT COURSE

Course Title: **American Government (P)** (5 Credits)

Grade Level: 12

Prerequisites: None

Course Description:

This course will include an exploration of the structures and processes of American government at the national, state, county, and local levels. It will emphasize constitutional government; the rights and responsibilities of individual citizens; and, the interrelationships of the executive, legislative, and judicial branches of government. This course will also focus upon the contemporary relationship of the U.S. with other nations of the world and will formulate comparisons of differing governmental systems. Students will analyze the contrasting features of the political institutions, governmental processes, and economic systems of the various forms of government and include current problems of our contemporary society.

~ OR ~

Course Title: **Advanced Placement Government & Politics: United States (P)**
(5 Credits)

Grade Level: 12

Prerequisites: Completion of Advanced Placement History and Honors English; teacher or counselor approval

Course Description:

Advanced Placement American Government provides a college-level study of our American political system. This course is concerned with the nature of the American political system, its development over the past two hundred years, and how it works today. Students will examine in some detail the principal processes and institutions through which the political system functions, as well as some of the public policies that these institutions establish and how they are implemented. Students will focus primarily upon the national government and national politics. The goal of this course is to increase understanding of the American political system--of its traditions, values, and framework--as well as to understand how its components work together smoothly for the most part, but at times with substantial friction. Students who pass the Advanced Placement Examination may receive college or university credit for American government.

(P) = Meets history entrance requirements for the University of California (UC) system and the California State University (CSU) system.

REQUIRED ECONOMICS COURSE

Course Title: **Economics (P)^g** (5 Credits)

Grade Level: 12

Prerequisites: None

Course Description:

This course is designed to acquaint high school seniors with an understanding of the economic problems and institutions of the nation and the world. They will acquire the competencies necessary to make reasoned decisions on economic issues as citizens, workers, consumers, business owners and managers, and members of civic groups. In this course, the student's understanding of our economic system will be related to and enhanced by the student's prior knowledge of other subject areas, such as statistics, graphs, and equations.

~ OR ~

Course Title: **Advanced Placement Micro-Economics (P)^g** (5 Credits)

Grade Level: 12

Prerequisites: Completion of Advanced Placement American History and enrollment in Advanced Placement/Honors English courses;
teacher or counselor recommendation.

Course Description:

The Advanced Placement Economics course provides a college-level understanding of the principles of one of the two divisions of economics--microeconomics or macroeconomics. The study of microeconomics will emphasize the behaviors of the individual decision-maker through the mastery of the fundamental laws of economics. In the study of macroeconomics, students will apply these laws to the total economy with emphasis given to national income, aggregate supply and demand, price, economic stability, global economy and other detailed operations of the American economic system. Students who pass the Advanced Placement Examination may receive college or university credit for economics.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

SOCIAL STUDIES ELECTIVE COURSES

Course Title: **Criminal Justice** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

This elective course presents a study of the philosophy and history of the criminal justice system, including the judicial process from crime detection to the disposition of the offender. Selected topics include an evaluation of local, state, and federal police services and a survey of professional career opportunities in the criminal justice field. Written assignments are required.

Course Title: **Criminal Procedures** (5 Credits)

Grade Level: 10, 11, 12

Prerequisites: Criminal Justice

Course Description:

This elective course promotes advanced skills in the various fields of criminal justice. Topics of study include human relations, vice control, accident investigation, patrol procedure, administration of justice, the youthful offender, criminal interrogation, police report writing, criminal investigation, and court room procedures. Written reports are required.

Course Title: **Sociology** (P)^g (5 Credits)

Grade Level: 11, 12

Prerequisites: None

Course Description:

This elective course introduces sociology with emphasis on the cultural concepts of man. In this course, students are introduced to sociological concepts, theories, and procedures. Students learn how sociologists analyze the basic structures and functions of societies and groups within societies. The topics of study include: the family as a basic unit of society; the structure of groups and group phenomena; role of the individual in groups, society, and communication; personality and the socialization process; social relations and culture; demography and human ecology; social processes; and social control. Students will also consider social issues such as crime, poverty, and the problems of discrimination toward the aged and minorities. Upon completion of this course, the student will have some practical experience in both the use of the scientific method and the use of social research to better understand social behavior, decision-making, communication, and problem solving.

Course Title: **Psychology** (P)^g (5 Credits)

Grade Level: 11, 12

Prerequisites: None

Course Description:

In this elective course, students will be introduced to psychology as a scientific study of human development, learning, motivation, and personality. Special topics include: the basic concepts of psychology; a historical perspective on psychology as the study of individual behavior; learning and memory; mind and body; life-cycle development; interpersonal relationships; personality and growth; intelligence; mental disorders; social behaviors; attitudes and prejudice; and crime and aggression. This course will highlight the contributions of Sigmund Freud, Abraham Maslow, Ivan Pavlov, Carl Rogers, and B.F. Skinner. Written reports are required. Upon completion of this course, the student will have an understanding of the variables that influence individual behavior.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Advanced Placement Psychology** (P)^g (10 Credits)

Grade Level: 11, 12

Prerequisites: Teacher or counselor approval

Course Description:

Advanced Placement Psychology provides a college-level study of the scientific foundations of the behavior and mental processes of human beings and other animals. The methods that psychologists use in their science and practice are presented along with the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Emphasis is placed on writing, analyzing, and interpreting information related to behavioral studies. Students who pass the Advanced Placement Examination in Psychology may receive credit for an introductory psychology course.

Course Title: **Philosophy (P)⁹** (5 Credits) [DHS only]

Grade Level: 11, 12

Prerequisites: Teacher or counselor approval

Course Description:

This survey course examines major schools of philosophy such as metaphysics, politics, religion, and ethics. Written reports and research papers are integral parts of this course. Upon completion of this course, students will be equipped to apply these philosophical methods to contemporary situations and appraise their own value system.

Course Title: **Advanced Placement Human Geography (P)⁹** (10 Credits)

Grade Level: 9

Prerequisites: Teacher approval; counselor recommendation

Course Description:

AP Human Geography focuses on the distribution, processes, and effects of human populations on the planet. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the situation in both the United States and locally in California. Internet activities will be used to explore certain topics. More importantly, the content of AP Human Geography helps students develop critical thinking skills through the application, analysis, and understanding of the fundamental concepts of geography. Students are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts, geographic vocabulary, and landscape interpretation to analyze human social organization and its environmental consequences. They also learn the methods and tools geographers use in their science and practice.

(P)⁹ = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

VISUAL AND PERFORMING ARTS

ART COURSES

All art courses meet the District Visual Art requirement for graduation.

Course Title: **Art 1/2 (P)** (5 to 10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Art 1/2 is a survey course that provides students the opportunity to gain experience and knowledge in the following aspects of visual art: production, analysis, interpretation, evaluation, and historical and cultural perspectives. This course combines theory, practice, and critical thinking skills.

Course Title: **Ceramics (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course emphasizes the exploration of three-dimensional ceramic design. Students will acquire knowledge of form, volume, and space relationships through clay construction. The course introduces the historical background of ceramics through a variety of studio experiences. Research, reading, and writing skills are an integral part of the course content.

Course Title: **Advanced Ceramics** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Ceramics; and/or teacher recommendation

Course Description:

Advanced Ceramics is designed for the student who has shown both an interest and talent in working with clay. The course is an advanced-level ceramics course with emphasis on approaches to hand-building processes. A variety of projects will give students the opportunity to increase their skills both on the potter's wheel and advance their hand-building techniques. Students will be introduced to advanced textural, glaze, and firing techniques. They will also refine individual technical and creative skills. Students will gain an historical and contemporary knowledge of ceramics and an appreciation of the aesthetics of three-dimensional form as manifested in ceramics objects. Students will analyze and discuss ceramic forms through group critiques and individual reflections according to ceramic concepts as well as the elements and principles of design. Students will be responsible for designing many of their own projects and are expected to produce a significant body of work. Students are encouraged to use their creativity to solve problems that are presented to them while making ceramic wares.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Intermediate Art (P)** (10 to 20 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Art 1/2 with a minimum "C" grade or teacher approval of student portfolio.

Course Description:

Intermediate Art is designed to be an on-going and specific study of theory, production, history, and critical thinking skills as applied to the study of art.

Course Title: **Advanced Art (P)** (10 to 20 Credits)

Grade Level: 11, 12

Prerequisites: Completion of Intermediate Art with a minimum "B" grade or teacher approval of student portfolio.

Course Description:

Advanced Art is designed for individual specialization in subject matter, media selection, and historic contributions to the creative process. A culmination of this work is demonstrated in the completion of a portfolio and/or an exhibit.

Course Title: **Advanced Placement Studio Art (Drawing Portfolio) (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Completion of Advanced Art and/or teacher recommendation

Course Description:

The Advanced Placement course in Studio Art is intended for highly motivated students who are seriously interested in the study of art. This course reflects three major concerns:

1) sense of quality in a student's work; 2) student's concentration on a particular visual interest; and 3) student's need for breadth of experience in the formal, technical, and expressive means of the artist. Students will submit their portfolio in either the general or drawing areas. Advanced Placement Art students will submit a portfolio that will be evaluated by the College Board for which college or university credit in art may be granted.

Course Title: **Illustration** (10 to 30 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Art 1/2 with a grade "C" or better

Course Description:

Illustration explores the principles of design, the psychology of visual communication, and provides practical experiences in technical skills and varied media. Emphasis is placed upon experiences in generating original ideas, executing layouts and illustrations, and preparing artwork for reproduction. Opportunities are provided for historic and critical analyses. Research, reading and writing skills are an integral part of the course content.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Fashion Design** (10 to 30 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Art 1/2 or Drawing 1/2 with a grade of "C" or better

Course Description:

Fashion Design provides for a basic level of student achievement in the understanding of the historic and contemporary developmental phases of fashion design, proficiency in specific technical skills and media, culminating in a two-faceted program of illustration and designing. The study of figure drawing and the creation of original costume and accessory plates are required. Research, reading and writing skills are an integral part of the course content.

Course Title: **Drawing 1/2 (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

The major emphasis of Drawing 1/2 is to develop the student's ability to express ideas visually through drawing, utilizing a variety of media. Emphasis is placed on developing observational awareness. The recognition of historical influences, techniques of critical analysis, and written as well as oral reports are an integral part of the course.

Course Title: **Drawing and Digital Art (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Drawing and Digital Art is a course in which students will express their creativity visually, develop and showcase their ability to communicate ideas through a variety of drawing and digital media. Students will learn the basics of skills of drawing and graphic design. Instruction will be provided in the areas of the elements of art and the principles of design, various drawing/ illustration techniques, the use of the computer as an art medium, computer design methods, and the historical and cultural development of art and graphics.

Course Title: **Intermediate Drawing (P)** (10 to 20 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Drawing 1/2 with minimum grade "C" or teacher approval of student portfolio.

Course Description:

The major emphasis of this course is to provide an intensive examination of the process and content of drawing. Emphasis is placed on the quality, concentration, and breadth of the student's production and experiences in drawing. The course is planned for the serious student wishing to broaden his/her scope of achievement. Research reading and writing skills are an integral part of the course content.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Advanced Drawing (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Intermediate Drawing and/or instructor approval

Course Description:

Advanced Drawing is a visual arts course designed to develop self-motivation, creative skills in problem solving, communication, and management of time and resources that will contribute to life-long learning and career skills. Throughout this course, instruction will focus on personal themes, art history research, media exploration/ technique, museum visits, self analysis and production quality.

Course Title: **Art Design (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

The major emphasis of Art Design is to develop aesthetic appreciation and knowledge of the diverse forms and media used to meet the needs of all societies. The student will explore two- and three-dimensional processes using various materials in traditional and non-traditional techniques. Knowledge of the basic art elements and principles of design will be incorporated. Research reading and writing skills are an integral part of the course content.

Course Title: **Advanced Art Design (P)** (10 to 20 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Art Design with a grade "C" or better.

Course Description:

The major emphasis of Advanced Art Design is the more intensive work and research of specific areas of crafts. The development of more highly refined skills coupled with creative approach and critical discernment should result in functional and/or decorative work of quality. Research, reading and writing skills are an integral part of the course content.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

VISUAL AND PERFORMING ARTS

DRAMA/THEATER COURSES

*All theater and speech courses
meet the District Performing Arts requirement for graduation.*

Course Title: **Drama I (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Drama I surveys many aspects of theatrical production and performance. The course content includes: acting techniques, literature of the theater, history of the theater, play structure, set construction, set lighting, stage make-up, and play production.

Course Title: **Drama II (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Drama I with a grade of "C" or better and teacher recommendation.

Course Description:

Drama II will present students with intermediate-level skills of dramatic production, voice and diction, audition skills, and advanced play production.

Course Title: **Drama Production** (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Completion of Drama I and Drama II with a "C" or better **or** audition **or** teacher permission

Course Description:

Drama Production involves the student in a major main stage production including all aspects of the theater. Students will develop and refine theatrical performance skills through the rehearsal and performance process. A play is presented in evening performances for wide audience.

Course Title: **Speech** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

This course provides an introduction to effective oral communication with emphasis on basic speech attitudes, knowledge and skills. Students are furnished opportunities for systematic education in commonly-used speech processes that are designed to increase skill, poise, and confidence in all interpersonal communication. Emphasis is also given to intrapersonal communication for deliberate control of verbal and nonverbal message encoding.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Musical Theater Performance (P)** (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Audition/teacher recommendation - (Drama I or previous theater experience recommended)

Course Description:

This course will present students with skills for musical theater performing. Areas of instruction will encompass history and origins of dance, musical score and script reading, critical analysis of musical theater performances, acting, sight singing, microphone and auditioning techniques. Also included will be instruction in beginning through advanced methods in tap, jazz, ballet, and ballroom dancing.

Course Title: **Television Production** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Minimum 2.0 GPA; teacher recommendation

Course Description:

Television Production presents many of the aspects of the production basics of television shows and music videos. Through hands-on experiences, students will be introduced to and participate in the following: technical directing, camera work, switching, editing, screen writing, set design, lighting, and make-up. Students enrolled in this course will also work with the crew on the production of a television show to broadcast on campus and on the local cable channel.

Course Title: **Dance Ensemble** (P) (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Audition **or** teacher permission

Course Description:

This course targets the highly motivated, focused, and skilled dance students who wish to broaden their technique, creative work, and performance experience. Students enrolled in this course will need to have a prerequisite working knowledge and general breadth of experience in any two of the following techniques: ballet, jazz, and tap. In this course students will have the opportunity to practice and perform repertory pieces and new works prepared under the direction of the faculty, guest artists, and selected students. These pieces will be performed in assemblies, informal studio showings, annual dance concerts, and special performance events. Students will create works of their own after they have had intensive study in choreography skills, partnering, improvisation, and individual movement material. Interdisciplinary work involving other art forms such as video, live music, and the visual arts will be studied and practiced as part of the ensemble choreographic process.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

VISUAL AND PERFORMING ARTS

MUSIC COURSES

All music courses meet the District Performing Art requirement for graduation.

Course Title: **Chorus 1/2/3/4 (P)** (5 to 20 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Chorus is a performance class involving vocal techniques and various music styles. Throughout the course, instruction will focus upon the various aspects of choral music as a performing art: artistic perception; creative expression; historical and cultural context; aesthetic valuing; and connection and application to the other arts and to careers. Instruction will also emphasize the study of basic music notation and sight-singing, correct posture, and the elements of choral singing. Literature taught includes standard choral repertoire from various periods of music history. In addition, current popular music is studied and performed. Choir gives public and community concerts during the year and participates in the District-wide Choral festival.

Course Title: **Advanced Chorus** (5 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Instructor approval

Course Description:

Advanced Chorus is a performance-oriented course, requiring additional time outside of the classroom. Choral music is selected from all styles to enrich the group and fit the occasion for which the music is being prepared. A continued emphasis on good vocal technique will be made. Outside classroom rehearsals may be required. Advanced Chorus gives several public and community concerts during the year and participates in the District-wide Choral Festival.

Course Title: **Band 1/2 (P)** (5 to 10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Band 1/2 is a preparatory class open to all students wishing to learn or advance their skills on band instruments (woodwinds, brass, percussion). Instruction is provided for students who wish to polish their skills in preparation for advanced coursework in band. Throughout the course, instruction will focus upon the following aspects of instrumental music as a performing art: artistic perception; creative expression; historical and cultural context; aesthetic valuing; and connection and application to the other arts and to careers. Assignments include written and oral testing, and home practice assignments. The course provides opportunities that will prepare the student for sequential band courses.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Advanced Band (P)** (5 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Instructor approval

Course Description:

Advanced Band offers advanced players the opportunity to perform more challenging literature and to increase their musical expertise. This ensemble performs in winter and spring concerts as well as competition concert festivals.

Course Title: Marching Band/PE (5 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Instructor approval

Course Description:

Marching Band/PE is an organization consisting of intermediate and advanced instrumentalists who performs at all home football games, competition field shows, and competition parades. Students develop their cognitive, affective, and psychomotor skills through the musical performance. This ensemble performs in winter and spring concerts as well as competition concert festivals. Students enrolled in Marching Band/PE will receive PE credit.

Course Title: Jazz Ensemble (P) (10 to 40 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Instructor approval

Course Description:

Jazz Ensemble is an advanced performance course designed to expose and familiarize the student with traditional jazz styles including big band jazz, be-bop, Dixieland, fusion, and jazz-rock. In addition, improvisation, jazz harmony, and current jazz-playing techniques will be covered.

Course Title: Music Appreciation (5 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: None

Course Description:

Music Appreciation is a non-performance music class that is designed to acquaint the student with a wide variety of music styles and theory. This class will present a history of music through the study of various composers and the events that shaped their musical styles. The development of choral and instrumental music will also be emphasized.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: Guitar 1/2 (P) (5 to 10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisite: Music background *and/or* instructor approval

Course Description:

Guitar is an instrumental music course designed to benefit students with a wide range of musical backgrounds from students with little or no guitar background to advanced students who wish to enhance their skills. This course provides opportunities for students to develop their musical potential and aesthetic understanding through the study of guitar technique and literature. Throughout the course, instruction will focus on playing position, tone production, fundamental technique, simultaneous playing and singing, composition, reading music, and music theory. Knowledge and skills will include experiences in singing, creating, playing, listening, and connecting to cultures. An important component of the course is the preparation and presentation of student work in public performance. Public performance activities serve as evaluators of student progress and mastery level of curricular material and concepts.

Course Title: **Percussion Ensemble** (5 to 10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Audition and teacher permission

Course Description:

Percussion Ensemble is a select group of advanced musicians, who engage in the study and performance of percussion literature, utilizing a variety of percussion instruments. The repertoire ranges from classical transcriptions to contemporary jazz and world music. This course will also present a history of percussion literature through the study of various composers and the events and cultural influences that shaped their musical styles.

Course Title: **Advanced Placement Music Theory** (P) (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Instructor permission

(Includes student authenticating his/her basic ability and knowledge to perform with their voice or instrument **and** his/her ability to communicate clearly in writing.)

Course Description:

Advanced Placement Music Theory is an advanced course of topics including notation, harmony, chord progression, style, expressive elements, and ear training. This course covers the content offered in university-level Music Theory, first course. Students who successfully complete the course and the advanced placement examination may receive college credit for an introductory music theory course.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

GENERAL VISUAL AND PERFORMING ARTS

Course Title: **Lab Assistance, Visual and Performing Arts** (10 Credits)
Grade Level: 10, 11, 12
Prerequisites: Students must have completed the course in which the lab assistance will be performed with a grade "B" or better and must be recommended by the teacher.

Course Description:

This course is open to any one or two especially qualified students each year. Students enrolled in Lab Assistance will provide direct assistance to both the teacher and the students and, at the same time, refine their own skills. Students approved for this course will assist with demonstrations and gain experience in teaching. This class is differentiated from Office Service in the students receive a letter grade. Therefore, the performance of clerical skills will be minimal. *Student may not be concurrently enrolled in both Lab Assistance and Office Service.*

WORLD LANGUAGES

One year of fine arts or world language (foreign language) is required for graduation.

Course Title: **French I (P)** (10 Credits)
Grade Level: 9, 10, 11, 12
Prerequisites: *Students in grade 9* must have at least a “B” average in their eighth grade English course.
Students in grades 10-12 must have the ability to read English at or near grade level.
English Learner (EL) students must be literate in their native language.

Course Description:

This is a beginning course open to all students meeting the above prerequisite. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program’s primary focus is an authentic exchange of meaningful information in French. Much of the class time is used to engage in or practice communicating.

Course Title: **French II (P)** (10 Credits)
Grade Level: 10, 11, 12
Prerequisites: Completion of French I with a “C” or better, or equivalent
Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program’s primary focus is an authentic exchange of meaningful information in French. Much of the class time is used to engage in, or practice communicating.

Course Title: **French III (P)** (10 Credits)
Grade Level: 11, 12
Prerequisites: Completion of French II with a “C” or better, or equivalent
Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program’s primary focus is an authentic exchange of meaningful information in French. Much of the class time is used to engage in, or practice communicating.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Advanced Placement French Language and Culture (P)** (10 Credits)
Grade Level: 12 and selected students in grades 10 and 11
Prerequisites: “A” or “B” in French III, 3.25 G. P. A. and/or instructor permission
Course Description:

This course is designed to provide students the content of a university-level French course while enrolled in high school. The focus of the course is on the mastery of listening, speaking, reading, and writing skills in French. Emphasis is also placed on the refinement of the student's ability to write compositions and conduct fluent conversation at a college level. Students may take the Advanced Placement Exam in which college or university credit for French may be granted.

Course Title: **Advanced Placement French Literature (P)** (10 Credits)
Grade Level: 12 and selected students in grades 10 and 11
Prerequisites: Completion of Advanced Placement French Language or its equivalent, 3.25 G.P.A. and/or instructor permission

Course Description:

Advanced Placement French Literature is designed to provide students the content of a college "Introduction to French Literature" course. In this course, students read and analyze French literature orally and in writing in French; therefore, the language proficiency reached by the end of the Advanced Placement course is generally equal to that of college students who have completed a third-year course in grammar, composition, and conversation. The function of the Advanced Placement Literature course is to prepare students to:

1. comprehend a lecture in French and to participate in discussions on literary topics in French;
2. perform a close reading of French literary texts in all genres; and
3. analyze critically the form and content of literary works orally and in writing using appropriate terminology.

Course Title: **German I (P)** (10 Credits)
Grade Level: 9, 10, 11, 12
Prerequisites: *Students in grade 9* must have at least a "B" average in their eighth grade English course.
Students in grades 10-12 must have the ability to read English at or near grade level.
English Learner (EL) students must be literate in their native language.

Course Description:

This is a beginning course open to all students meeting the above prerequisite. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of an authentic exchange of meaningful information in German. Much of the class time is used to engage in or practice communicating.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **German II (P)** (10 Credits)
Grade Level: 10, 11, 12
Prerequisites: Completion of German I with a "C" or better, or equivalent
Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of meaningful information in German. Much of the class time is used to engage in, or practice communicating.

Course Title: **German III (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Completion of German II with a "C" or better, or equivalent

Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of meaningful information in German. Much of the class time is used to engage in, or practice communicating.

Course Title: **German IV (P)** (10 Credits)

Grade Level: 12

Prerequisites: Completion of German III with a "C" or better, or equivalent

Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of meaningful information in German. Much of the class time is used to engage in, or practice communicating.

Course Title: **Advanced Placement German Language and Culture (P)** (10 Credits)

Grade Level: 12 and selected students in grades 10 and 11

Prerequisites: "A" or "B" in German III, 3.25 G. P. A. and/or instructor permission

Course Description:

This course is designed to provide students the content of a university-level German course while enrolled in high school. The focus of the course is on the mastery of listening, speaking, reading, and writing skills in German. Emphasis is also placed on the refinement of the student's ability to write compositions and conduct fluent conversation at a college level. Students may take the Advanced Placement Exam in which college or university credit for German may be granted.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Spanish I (P)** (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: *Students in grade 9* must have at least a "B" average in their eighth grade English course.

Students in grades 10-12 must have the ability to read English at or near grade level.

English Learner (EL) students must be literate in their native language.

Course Description:

This is a beginning course open to all students meeting the above prerequisite. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of meaningful information in Spanish. Much of the class time is used to engage in or practice communicating.

Course Title: Spanish II (P) (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Completion of Spanish I with a "C" or better, or equivalent

Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of meaningful information in Spanish. Much of the class time is used to engage in, or practice communicating.

Course Title: Spanish II: Spanish for Native Speakers (P) (10 Credits)

Grade Level: 9, 10, 11, 12

Prerequisites: Oral fluency in Spanish; however, student has had limited exposure to writing and reading in Spanish. Placement in this class to be determined by:

(1) Oral Spanish fluency

and

(2) Score of 55-69 on the Placement Test: Spanish for Native Speakers

and/or

(3) Teacher recommendation.

Course Description:

The focus of Spanish II for Native Speakers is to develop literacy in a student's primary language - Spanish. This course will introduce students to the proper usage of Spanish, with emphasis placed on literacy and comprehension as well as syntax. Upon successful completion of this course, and with teacher discretion, a student should enroll in Spanish III: Spanish for Native Speakers.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: Spanish III (P) (10 Credits)

Grade Level: 11, 12

Prerequisites: Completion of Spanish II with a "C" or better, or equivalent

Course Description:

This is a continuing course open to all qualified students. Using the communicative approach, emphasis is placed on helping students comprehend and create oral and written messages. The program's primary focus is an authentic exchange of meaningful information in Spanish. Much of the class time is used to engage in, or practice communicating.

Course Title: **Spanish III: Spanish for Native Speakers (P)** (10 Credits)
Grade Level: 9, 10, 11, 12
Prerequisites: Oral fluency in Spanish; student demonstrates proficiency in reading and writing in Spanish on Placement Test: Spanish for Native Speakers with a score of 70 to 89.

Course Description:

This Spanish course is an intermediate class open to native speakers of Spanish. Instruction is primarily presented in Spanish. Emphasis is placed on literacy and grammatical accuracy. The content of this course is preceded by Spanish II: Spanish for Native Speakers. Upon successful completion of this course, at teacher's discretion, the student is eligible to enroll in Advanced Placement Spanish Language.

Course Title: **Advanced Placement Spanish Language and Culture (P)** (10 Credits)
Grade Level: 12 and selected students in grades 10 and 11
Prerequisites: "A" or "B" in Spanish III, 3.25 G. P. A. and/or instructor permission

Course Description:

This course is designed to provide students the content of a university-level Spanish course while enrolled in high school. The focus of the course is on the mastery of listening, speaking, reading, and writing skills in Spanish. Emphasis is also placed on the refinement of the student's ability to write compositions and conduct fluent conversation at a college level. Students may take the Advanced Placement Exam in which college or university credit for Spanish may be granted.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Advanced Placement Spanish Literature (P)** (10 Credits)
Grade Level: 12 and selected students in grades 10 and 11

Prerequisites: Completion of Advanced Placement Spanish Language or its equivalent, 3.25 G.P.A. and/or instructor permission

Course Description:

Advanced Placement Spanish Literature is designed to provide students the content of a college "Introduction to Hispanic Literature" course. In this course, students read and analyze Hispanic literature orally and in writing in Spanish; therefore, the language proficiency reached by the end of the Advanced Placement course is generally equal to that of college students who have completed a third-year course in grammar, composition, and conversation. The function of the Advanced Placement Literature course is to prepare students to:

1. comprehend a lecture in Spanish and to participate in discussions on literary topics in Spanish;
2. perform a close reading of Hispanic literary texts in all genres; and
3. analyze critically the form and content of literary works orally and in writing using appropriate terminology.

Course Title: **Hispanic Culture and Dance (P)** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: Successful completion of Spanish II or Native Speaker's Spanish II; demonstration of written and oral abilities to communicate in Spanish; audition to demonstrate ability to learn/perform a Latin dance; Teacher approval

Course Description:

In this foreign language course, students will build upon the foundations of Spanish language attained in Spanish II, and focus upon Hispanic culture. This course addresses forms of Hispanic art, with specific emphases on the performing arts of dance and music, and social conventions that comprise history, education, and family life. Units of study will include the origins of Hispanic culture, importance of education in the Hispanic world, Hispanic presence in the United States, roles of men and women in society, customs and beliefs, economic aspects, revolutionary movements, and religion and rituals. The course will interrelate these aspects of the Hispanic culture to the development of the many forms of the Latin Dance. Students will learn a variety of Latin Dance styles such as Salsa, Mambo, Cumbia, Merengue, Samba, Tango, Flamenco, and Cha-Cha.

Course Title: **American Sign Language I (P)** (10 Credits)

Grade Level: 11, 12, and selected students in grades 9 and 10

Prerequisites: None

Course Description:

This course is offered to students who are interested in learning about communication with the deaf. Students will study the "natural" language of the deaf - its vocabulary, grammar, and syntax. Students will also learn about the culture of the deaf.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **American Sign Language II (P)** (10 Credits)

Grade Level: 12, and selected students in grades 10 and 11

Prerequisites: American Sign Language I

Course Description:

This course is offered to students who have successfully mastered the skills and techniques of sign language and finger-spelling. Students are given more advanced work on the grammar, syntax, and vocabulary of American Sign Language I and continued instruction in the culture of the deaf.

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

**L.A. COUNTY REGIONAL OCCUPATION PROGRAMS (ROP) /
CAREER TECHNICAL EDUCATION (CTE)**

Course Title: **A+ Certification** (5 to 20 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

In this class students will learn to create simple electronic projects, identify and test components, build and diagnose computer and VCR equipment, as well as perform surface mount technology (SMT). Field trips will be available. Students will learn of possible employment opportunities in related fields.

Course Title: **Animation (P)** (10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

In this class, students will utilize the many areas of computer graphics with professional software programs, while working as a team to create a complete polished short film. Areas of focus include: storyboards, modeling, motion, lighting, effects, materials, environments, character animation, scene management, and video post.

Course Title: **Banking Occupations** (10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

The classroom module consists of training in banking concepts, procedures, and terminology, teller techniques, and customer service. On completion of the classroom module, students are placed in local banks for internship training.

Course Title: **Commercial Photography** (5 to 40 Credits)

Grade Level: 11,12

Prerequisite: Teacher approval

Course Description:

This 360-hour course in commercial photography is designed for the serious student who wishes to pursue a career in the photographic field. Students will be given opportunities to learn specific skills necessary for employment in the following areas: black and white photographic printing, color printing, color lab procedures, studio photography, and field photography.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Computer-Assisted Drafting (CAD)** (5 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course provides instruction in using computer-assisted drafting (CAD) to generate drawings. Students will use appropriate hardware and design software to create geometry and apply dimensioning practices to complete drawings. Drawings are to be organized using accepted CAD procedures. Students will apply appropriate software file-management procedures. Students will produce hard copies of the completed drawings and provide electronic files for a variety of graphic outputs.

Course Title: **Construction Technology Applications** (10 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course prepares students for entry-level jobs in remodeling of buildings. Hands-on training will include painting, cabinet work, electrical, framing, irrigation, millwork, door hanging, lock installation, concrete work, roofing, plastering, drywall installation, welding, and plumbing. Students will acquire knowledge in the use and care of power and hand tools, construction equipment, and machinery. Safety practices as related to the building industry will also be covered.

Course Title: **Cosmetology** (10 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This 1600-hour course in cosmetology provides the training required to take the State Board of Cosmetology examination for licensing. Training consists of theory and practice in the following areas: shampooing, cutting, coloring, perming, styling, and treating of hair, as well as facials, makeup, and basic manicuring.

Course Title: **Culinary Arts I - III** (5 to 30 Credits)

Grade Level: 11, 12

Prerequisites: None

Course Description:

This series of courses is designed to give students a comprehensive overview of the culinary arts field. Culinary Arts provides preparation for jobs in the food industry, such as dietetic aide, catering, institutional food service, restaurant, and retail food service occupations. Students will learn about the breadth of the food services industry, including the range of career opportunities. The curriculum covers basic and cooking essentials, career preparation standards, menu development and food service math, safety and sanitation, and the principles of nutrition. Emphasis is placed on safety regulations and emergency procedures throughout the course. Sanitation and proper food handling are taught; ServSafe certification is available. Students will learn the correct use and care for many tools and equipment used in the industry.

Course Title: **Dance I (P)** (10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Dance I is a beginning class for the student who has had little or no background training in dance. In this class, students will be learning ballet, jazz, tap, modern, and Pilates technique. Through the introduction of these techniques, the students will begin to have a working vocabulary of movement that will help them progress into improvisational work as well as choreography. Students will also have a chance to perform throughout the year participating in the school's fall and spring performances. Students will have the opportunity to see live performances and respond through critically through written form. Injury prevention, health, and diet for the dancer will also be covered. Dance in historical context and culture diversity will be taught.

Course Title: **Dance II (P)** (10 Credits)

Grade Level: 11, 12

Prerequisites: Completion of Dance I and/or teacher approval

Course Description:

Dance II is an intermediate level dance class for students with at least one or more years of formal dance training. Students enrolled in this course are expected to have working knowledge of and the ability to demonstrate proficient level dance movement in the following areas: ballet, jazz, modern and/or tap. Through the exploration of these techniques, students will continue to improve their dance vocabulary and body mechanics to progress into improvisational work as well as choreography. Furthermore, students will apply their acquired skills and knowledge in the school's fall and spring concerts, where they will perform choreographed dance pieces. In addition, students will have the opportunity to see live performances, explore the historical and cultural context of dance, and understand injury prevention, health, and diet for dancers.

Course Title: **Design Principles for Web Design (P)^g** (10 Credits)

Grade Level: 10, 11, 12

Prerequisites: None

Course Description:

Students enrolled in Design Principles for Web Design explore the rapidly changing trends in the field of design for the web. Through design projects for the web, students develop problem-solving skills, artistic perception, critical thinking, and self-reflection. With the awareness of design solutions throughout history in various cultures, students will understand the impact of the arts and design on human experiences. Students will also learn methods and theory, such as elements and principles of design, to enhance their artistic vision and style. Design critiques and presentations will provide opportunities for students to grow as design artists. Projects will focus on developing perception and application of the elements of art and principles of design through contemporary design applications and web design.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Desktop Publishing** (5 Credits)

Grade Level: 11,12

Prerequisite: Teacher approval

Course Description:

This course is designed for students who are interested in continuing the use of computers in desktop publishing without the need of a strong mathematics background.

Course Title: Digital Photography (P) (10 to 20 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

The UC Digital Photography course is designed to introduce students to the basics of digital photography and digital imaging with an emphasis on the aesthetic, technical, and critical thinking skills.

Students will examine the principles of light and color and the evolution of the devices that capture, store and produce images. Through hands-on digital photography projects, students will use digital technology hardware and software to take photographs, transfer the data to the computer, print and display the images. Projects will be critiqued by students in both technical and aesthetic terms of improvement to communicate ideas more effectively through photography.

Course Title: Diversified Occupations (5 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This 1195-hour diversified occupations course is designed for students with special needs. Learning experiences include job acquisition and job maintenance skills, customer service, and sales techniques. This class may be taken up to four semesters.

Course Title: Emergency Medical Technician (10 Credits)

Grade Level: 11,12

Prerequisite: *Students must be 18 years or older.*

All students enrolling in this course must take a tuberculin (TB) skin test or have a current chest x-ray, and must submit to a criminal check.

All students must demonstrate the ability to speak, read, and write in English at least at the 8th grade level.

Students must show a current CPR certification for adult, child, and infant on the first day of class.

Course Description:

This course prepares students to render pre-hospital care and basic life support under emergency conditions. Instruction includes: CPR, Advanced First Aid, and limited use of equipment as applied to the ill or injured at the scene and during transport to an acute care hospital. Includes ambulance ride-along and supervised clinical experience in an emergency room. Upon successful completion of the program, the student is eligible to take the mandatory LA County EMS exam.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system. *Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.*

Course Title: Fashion Coordination (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Students are trained in fashion merchandising, clothing coordination, and selling techniques. Emphasis is placed upon self-improvement, personal grooming, and job preparation as part of preparation for careers in fashion and in retail sales occupations.

Course Title: **Film & Video Production 1-2 (P)** (10 to 20 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This is a 1200-hour course that trains students to concepts and principles used in film and video production. On-the-job application is provided through required organized school/district productions, such as campus news broadcasts and events, under the supervision of the instructor. Students may also receive unpaid on-the-job experience in commercial studios, production companies and cable television.

Students will learn the historical perspectives and analyze American film and television from a variety of artistic works. The course exposes students to the basics of visual storytelling through the creation of storyboards, script writing, basic shot types, camera movements, lighting, audio and techniques of editing. In addition, students will have opportunities to learn the skills necessary for jobs within the industry such as: producer, director, art director, set design, camera operator, script supervisor, editor, etc.

This course aligns with and/or incorporates the State Visual and Performing Arts Frameworks, State Language Arts and Mathematics Standards, High School Exit Exam Standards, Career Performance Standards and the LACOROP Expected Schoolwide Learning Results (ESLRs).

Course Title: **Fire Service** (5 to 10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

In this course, students will learn techniques of fire prevention and mitigation skills; use and care of fire-fighting tools, gear, and equipment; fire science; and, first aid and CPR. Emphasis is upon intensive, hands-on learning. Students will explore careers in rescue areas.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **First Responder** (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This is an introductory course in emergency medical services and the health care field. First Responder prepares students to provide efficient and immediate care to ill and/or injured patients and to assist other emergency medical services providers. Students will learn CPR and first aid. This class is designed for students interested in becoming police officers, firefighters, EMT's, paramedics, nurses, and other related professions.

Course Title: **Floristry** (10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course is designed to prepare students for entry-level jobs as floristry assistants. Students will learn the principles of floral design, uses of floral materials and tools, how to prepare simple floral arrangements and decorative items, basic sales techniques, customer relations, and basic business practices.

Course Title: **General Office Clerk** (5 Credits)

Grade Level: 11,12

Prerequisite: Keyboarding knowledge preferred, but not required

Course Description:

This course is designed to train for an entry-level position in the business/clerical area. Classroom instruction will include introduction to computers, keyboarding techniques, printing calculator, filing, telephone etiquette, penmanship, proofreading, listening and speaking skills, sexual harassment and time management. Units on employment preparation and positive work habits and attitudes will also be covered.

Course Title: **Graphic Design (P)** (10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course will explore the ever-changing trends in the global field of design. Student will learn about the impact of the arts and design throughout history and in various cultures. Students will learn methods and theory such as elements and principles of design to enhance their artistic vision and style. Through two and three-dimensional design projects students will develop problem solving skills, artistic perception, critical thinking, and self-reflection. Art critiques and presentations will provide opportunities for students to grow as artists. Learning and using the three main industry computer software, Adobe PhotoShop, Adobe Illustrator and QuarkXpress, will provide students with professional environment and responsibilities as graphic designers.

(P) = Meets the visual and performing arts (f-VPA) entrance requirement for the University of California (UC) system and entrance requirements the California State University (CSU) system.
Two consecutive semesters of this course sequence satisfy the visual and performing arts entrance (f-VPA) requirement for the University of California (UC) system.

Course Title: **Health Occupations 1 and 2** (10 to 20 Credits)

Grade Level: 11,12

Prerequisite: *For Health Occupations 1*, students must have a 3.0 grade point average.
For Health Occupations 2, students must have teacher approval.

Course Description:

This program combines classroom instruction and nonpaid on-the-job training for hospital employment in non-nursing occupations. To prepare the student for entry-level positions in non-nursing occupations in the medical field, students are placed in a wide variety of health care assignments.

Course Title: Hotel Occupations (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course is designed to prepare students for a variety of entry-level jobs within the hotel/motel industry. Based upon student's needs assessment and career interests, students will receive on-the-job training in several entry-level jobs which may include food and beverage, guest relations, housekeeping, and office services.

Course Title: Landscaping (5 to 20 Credits)

Grade Level: 11,12

Prerequisite: Completion of **or** concurrent enrollment in Biology

Course Description:

This course will integrate hands-on physical and technical skills with the related earth science, biology and chemistry knowledge associated with landscape occupations. The landscape course will consist of three major units of instruction: landscape occupations and opportunities; class operations including daily garden maintenance and class projects; and, job acquisition and job maintenance skills.

Course Title: Law Enforcement (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course is designed to prepare students for entry-level jobs in the law enforcement field. Students will receive an introduction to law enforcement, public safety, dispatcher, records clerk, police cadet, and security guard.

Course Title: Legal Clerical Occupations (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Students enrolled in Legal Clerical Occupations will be trained for entry-level employment in the law office.

Course Title: Medical Assisting/Front and Back Office (10 to 20 Credits)

Grade Level: 11,12

Prerequisite: *Students must be 17- 1/2 years old to enroll in this course (Front or Back Office). For Front Office, students must type 25 wpm.*

For Back Office, students must pass a Math Placement exam (tenth grade level or above) and an English placement exam (seventh grade level or above).

Course Description:

The Front Office module prepares students with the clerical and reception skills needed to work in the medical front office. The Back Office module teaches students skills to assist in the treatment and examination of the patient including the administration of medications, sterilization techniques, equipment care, performing laboratory, and EKGs. This class includes both classroom instruction and 100 hours front office *and* 150 hours back office non-paid clinical training.

Course Title: Pharmacy Technician (10 Credits)

Grade Level: 12

Prerequisite: Approval of ROP counselor

Course Description:

This 10-month class is offered to high school seniors who are interested in becoming a pharmacy technician or pharmacist. The class includes both classroom instruction and unpaid on-the-job training.

Course Title: Principles in Education (P)^g (5 to 20 Credits)

Grade Level: 11,12

Prerequisite: *All students* enrolling in this course must take a tuberculin (TB) skin test. *Students, 18 years and older*, must be fingerprinted prior to being placed at a community site.

Course Description:

Students will receive entry-level training in the field of child care and nursery school occupations, as well as careers in teaching. The course will include both classroom instruction and on-the-job training. in public and private day care and/or school facilities. Students may enroll in Careers in Education for a maximum of four semesters.

Course Title: Printing Occupations (5 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course is designed to prepare students for entry-level jobs in the printing industry. Major topics that may be covered are preparatory printing work, typesetting, and presswork/bindery. Students may enroll in this class for a maximum of 4 semesters.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: Professional Acting (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course provides preparation for career-oriented actors for jobs in the acting field. Students enrolled in this class will receive instruction in all mediums related to the acting business -- movies, television, stage, commercials. The culmination project of this course is the performance of a play.

Course Title: **Professional Dance** (5 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Students enrolled in this class will receive instruction in technique, body alignment, and strengthening to supplement any prior dance experience. Students will solve technical and choreographic problems in group/solo efforts. The importance of musicality, rhythms, and syncopation will be emphasized. Students will develop an awareness of the difference between technique and performance in the following areas of dance: tap, jazz, ballet, modern, lyrical, and Hawaiian. Improvisations and combinations will be performed.

Course Title: **Research Medical Assistant** (10 to 20 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Research Medical Assistants work with scientists, physicians, and researchers to perform patient-oriented tasks. These tasks include checking and ensuring patient inclusion/exclusion, entering patient information, protocol compliance, regulatory compliance, and preparing FDA paperwork.

Course Title: **Retail Sales (Internship)** (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Students have the opportunity to learn and develop retail skills needed to work in local stores. Students are placed in stores for the internship portion of this class.

Course Title: **Sports Medicine 1-2 (P)^g** (10 Credits)

Grade Level: 11, 12

Prerequisites: None

Course Description:

Sports Medicine 1-2 presents a concentrated study of human anatomy and physiology, examining how systems of the body interact through physical activity and inactivity. The prevention, evaluation, treatment, and rehabilitation of illness, disease, and injury are explored. Scientific principles, mathematical concepts, practical applications, and communication skills are taught through an activity/performance-based approach. Modern health and scientific principles of care are presented and applied in various scenarios to develop cognitive and critical thinking skills. Students conduct individual research and write reports, utilizing in-depth resources. Participation in laboratory investigations and observations involving human anatomy and physiology are included to advance the learning process. Sports Medicine 1-2 consists of classroom instruction, skill demonstration, and practical application sections. This course prepares students for employment as Physical Therapy Aides, Athletic Trainer Assistants, or Exercise Assistants.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

Course Title: **Supermarket Occupations** (5 to 10 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This program is designed to provide students with the competencies necessary for entry-level employment in supermarket occupations in one or more of the following job titles: clerk helper (bagger), stock clerk, produce clerk, dairy clerk, and deli clerk.

Course Title: **TV Video Occupations** (5 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

This course introduces the student to the television (video) industry. Students will learn the necessary skills for jobs such as producer, director, assistant director, editor, video tape operator, technical script supervisor, grip, floor manager, etc. On-the-job experience is provided through organized laboratory activities, with internships available at certain sites. This course also acquaints students with the broad spectrum of career opportunities that exist in the film and video industries.

Course Title: **Web Design** (5 Credits)

Grade Level: 11,12

Prerequisite: Successful completion of Computer Applications

Course Description:

This course is designed to teach the fundamentals of creating and publishing web pages through a variety of methods. In this course, students will learn how a web browser interprets HTML code to properly place text, pictures, and animation with a web page for later viewing through any internet service provider. Since web browsers rely heavily upon HTML code, students will learn to read and write in HTML in order to develop individual web pages or web sites. Students will also use graphics software as well as digital cameras, digital video cameras, and scanners.

Course Title: **Cooperative Vocation Education (CVE)** (5 to 40 Credits)

Grade Level: 11,12

Prerequisite: None

Course Description:

Cooperative Vocation Education (CVE) classes are designed for students employed in certain occupations. Students who qualify are eligible for high school credit plus each student has the benefit of specialized teacher assistance in the student's field. Related instruction classes (3 hours per week) are arranged by the instructor. A job is required or job placement assistance may be available. CVE participants qualify for an extended work permit. The following CVE areas are presently offered: Food Service, Office Occupations, Retail Sales, Child Care, and Financial Occupations.

BUSINESS INFORMATION SYSTEMS

		GRADE
COURSE	SEMESTER	LEVELS OFFERED

TITLE OF COURSE	NUMBER	HOURS	9	10	11	12

BUSINESS COURSES						
Personal Finance	302065	5	E	E	E	E
Business Management	302057	5	E	E	E	E
Marketing	302048	5	E	E	E	E
Small Business Concepts	302105	5	E	E	E	E
Entrepreneurship	302049	5		E	E	E
Keyboarding 1	302077	5	E	E	E	E
Keyboarding 2	302078	5	E	E	E	E
Accounting I	302050	10		E ³	E ³	E ³
Accounting II/Automated	302052	10			E ¹	E ¹
Business Communications	302063	10			E ²	E ²
Lab Assistance, Business Education	302085	10		E ¹	E ¹	E ¹

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- E = Elective Course
 E¹ = This is an elective course at this grade level for selected students only.
 Please refer to the course description.
 E² = Business Communications may be used to fulfill one year (10 semester hours) of
 the English requirement in grade 12.
 E³ = Accounting I may be used to fulfill one year (10 semester hours) of the two-year
 (20 semester hours) mathematics graduation requirement for selected students.
 Please refer to the course description.

BUSINESS INFORMATION SYSTEMS

COURSE	SEMESTER	GRADE LEVELS OFFERED
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TITLE OF COURSE	NUMBER	HOURS	9	10	11	12

COMPUTER COURSES

Computer Applications 1	303095	5	E	E	E	E
Computer Applications 2	303096	5	E	E	E	E
Computer Graphics & Animation	303098	5	E	E	E	E
Word Processing	303103	5	E	E	E	E
Computer Science	302097	5	E	E	E	E
Design Principles for Web Design (P)	302115 318115 (ROP)	10		E	E	E
Computer Maintenance and Repair	302102	5		E	E	E
Desktop/Digital Publishing	302098	5	E	E	E	E
Advanced Placement Computer Science (P)	303091	10			E ¹	E ¹
Lab Assistance, Computers	303111	10		E ¹	E ¹	E ¹

(P) = Meets elective entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

DRIVER EDUCATION

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Driver Education	316730	5	E	E	E	E

E = Elective Course

ENGLISH

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Four full years of English are required for high school graduation.						
English 9 (P)	304122	10	R			
Honors English 9 (P)	304121	10	R ¹			
English 10 (P)	304132	10		R		
Honors English 10 (P)	304131	10		R ¹		
English 11 (P)	304142	10			R	
Honors English 11 (P)	304141	10			R ¹	
English 12 (P)	304151	10				R
Expository Reading & Writing (P)	304192	10				R ¹
Advanced Placement English Literature and Composition (P)	304160	10				R ¹

Students in grades 9, 10, and 11 are to enroll in the year-long English course offered at each respective grade level.

In lieu of the year-long English 12 course, grade 12 students may opt to enroll in two semester English elective courses. Students opting to take these electives must:

- (1) complete one course from the Writing Group and one course from the Literature Group; *and*
- (2) enroll in one English course each semester.

Students in grades 11 and 12 may enroll in more than one English course in a semester contingent upon the availability of space; however, this additional course may not be used to meet English graduation requirements. The exception to enrolling for multiple semester English courses simultaneously is for the make-up of a previously earned failure grade.

(P) = Meets English course entrance requirements for the University of California (UC) system and the California State University (CSU) system.

R = Required Course

R¹ = This is a required course at this grade level for selected students only. Please refer to the course description.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

CAHSEE English	304190	5 to 20	R ¹	R ¹	R ¹	R ¹
Reading Improvement	304191	5 to 30	R ¹	R ¹	R ¹	R ¹
Basic English Review	304164	5	R ¹	R ¹	R ¹	R ¹
Basic Writing	304166	5	R ¹	R ¹	R ¹	R ¹
English 9 Intensive	304119	10	R ¹			
English 9 Strategic	304118	10	R ¹			
ELD I: Introduction to Conversational English & Content Vocabulary	319001/319002	5 to 10	R ¹	R ¹	R ¹	R ¹
ELD II: Introduction to English Reading	319003/319004	5 to 10	R ¹	R ¹	R ¹	R ¹
ELD III: Introduction to English Writing	319005/319006	5 to 10	R ¹	R ¹	R ¹	R ¹
ELD IV: Intermediate Academic Reading	319007/319008	5 to 20	R ¹	R ¹	R ¹	R ¹
ELD V: Intermediate Academic Writing	319009/319010	5 to 20	R ¹	R ¹	R ¹	R ¹
ELD VI: Advanced Academic English Skills	319011/319012	5 to 20	R ¹	R ¹	R ¹	R ¹
(Business Communication)	(Refer to Business Information Systems Course Listings)					

R¹ = This is a required course at this grade level for selected students only. Please refer to the course description.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Writing Group

Advanced Writing (P)	304162	5			E ¹	R/E
Creative Writing (P) ^g	304168	5			E ¹	R/E
Intermediate Writing (P) ^g	304170	5			E ¹	R/E
Public Speaking (P) ^g	304172	5			E ¹	R/E

Literature Group

Appreciation of Poetry (P)	304179	5			E ¹	R/E
Drama as Literature (P)	304181	5			E ¹	R/E
Folklore (P)	304183	5			E ¹	R/E
Independent Reading (P) ^g	304185	5			E ¹	R/E
Mass Media	304187	5			E ¹	R/E
Shakespeare (P)	304195	5			E ¹	R/E
Short Story and Novel (P)	304197	5			E ¹	R/E
Multicultural Literature (P)	304228	5			E ¹	R/E

(P) = Meets English course entrance requirements for the University of California (UC) system and the California State University (CSU) system.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and English course entrance requirements for the California State University (CSU) system.

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

R/E = For students in grade 12, this course may be used to meet the English graduation requirement or it may be used as elective credit. Please refer to the course description.

ENGLISH - cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Other English Electives:

CANNOT be used to meet English graduation requirements.

Speech & Debate	304224	10 to 30	E ¹	E ¹	E ¹	E ¹
Journalism	304225	5	E	E	E	E
Newspaper	304226	5 to 40	E ¹	E ¹	E ¹	E ¹
Yearbook	304232	5 to 40	E ¹	E ¹	E ¹	E ¹
Lab Assistance, English	304245	10			E ¹	E ¹

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

FAMILY AND CONSUMER SCIENCE

GRADE

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	LEVELS OFFERED			
			9	10	11	12

Home Arts 1	306290	5	E ⁷	E ⁷	E ⁷	E ⁷
Home Arts 2	306291	5	E ⁷	E ⁷	E ⁷	E ⁷
Marriage & Family Living	306308	5		E	E	E
Child Development I	306310	5	E ¹	E	E	E
Child Development 2	306311	5	E ¹	E	E	E
Single Living	306314	5		E	E	E
Foods and Nutrition	306297	5	E	E	E	E
International Foods	306298	5	E	E	E	E
Creative Foods	306299	5		E	E	E
Fashion Construction 1 (WHS only)	306294	5	E	E	E	E
Fashion Construction 2 (WHS only)	306295	5	E	E	E	E
Fashion Construction 3 (WHS only)	306296	5		E	E	E
Interior Design I	306306	5		E ⁷	E ⁷	E ⁷
Interior Design 2	306307	5		E ⁷	E ⁷	E ⁷
Special Projects in Interior Design	306303	5 to 10			E ⁷	E ⁷
Culinary Arts I	306301	10	E	E	E	E
Culinary Arts II	306302	10		E	E	E
Lab Assistance, Family and Consumer Science	306325	10		E ¹	E ¹	E ¹

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

E⁷ = This course may be used to fulfill the District's Visual Arts requirement for graduation.

INDUSTRIAL TECHNOLOGY

GRADE

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	LEVELS OFFERED			
			9	10	11	12

Drafting I (DHS only)	307335	10	E	E	E	E
Drafting II (DHS only)	307336	10		E	E	E
Drafting III (DHS only)	307337	10			E	E
Drafting IV (DHS only)	307338	10				E
Architectural Drawing I (DHS only)	307340	10		E	E	E
Architectural Drawing II (DHS only)	307341	10			E	E
Construction Technology I	307411	5	E	E	E	E
Construction Technology 2	307412	5	E	E	E	E
Advanced Construction Technology	307419	5 to 20		E	E	E
Woodcrafts (CHS only)	801405	10	E ⁷	E ⁷	E ⁷	E ⁷

E = Elective Course

E⁷ = This course may be used to fulfill the District's Visual Arts requirement for graduation.

INDUSTRIAL TECHNOLOGY - cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Photography 1/2 (P)	309375 309376	5 to 10	E ¹	E	E	E
Photography 3/4 (P)	309377 309378	5 to 10		E	E	E
Advanced Photography **	307384	5 to 20			E	E
Introduction to Animation	307325 318325 (ROP)	5	E	E	E	E
Animation I	307326 318326 (ROP)	10		E	E	E
Animation II	307327 318327 (ROP)	10		E	E	E
Lab Assistance, Industrial Technology	307410	10		E ¹	E ¹	E ¹

**Satisfies the District Visual Arts requirement for graduation and meets the entrance requirement for Visual and Performing Arts for the California State University (CSU) system.

(P) = Meets visual & performing arts entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

INTERDISCIPLINARY COURSES

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Office Service	316747	5 to 20		E ¹	E ¹	E ¹
Student Government	316755	5 to 20	E	E	E	E
Comparative Cultures	319725	5 to 10	E	E	E	E
Work Experience	318877	5 to 20			E ¹	E ¹
Academic Decathlon	316720	5 to 20		E ¹	E ¹	E ¹
Photojournalism	316726	10	E ¹	E ¹	E ¹	
Digital Media Productions	309211	10			E ⁷	E ⁷
Lab Assistant, ELD	319750	10		E ¹	E ¹	E ¹
Technology Core Lab	316701	5	E ¹	E ¹	E ¹	E ¹
AVID	316715 / 316716					
(Advancement via Individual Determination)	316717 / 316719	10 to 40	E ¹	E ¹	E ¹	E ¹
Lab Assistance, AVID	316718	5 to 10				E ¹
Study Skills	316702	5	E			
Peer Assistance	316753	5 to 20			E ¹	E ¹
Decision-Making Skills	316727	5	E	E	E	E

“PROJECT LEAD THE WAY” COURSE OFFERINGS

Introduction to Engineering Design (P)	316759	10	E ¹	E ¹	E ¹	E ¹
Principles of Engineering (P)	316760	10		E ¹	E ¹	E ¹
Aerospace Engineering (P)	316761	10		E ¹	E ¹	E ¹

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

E⁷ = This course may be used to fulfill the District’s Visual Arts requirement for graduation.

(P) = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

INTERDISCIPLINARY COURSES

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Automotive Technology	316765	10	E	E	E	E
Automotive Engineering (P)	316766	10	E ¹	E ¹	E ¹	E ¹
Automotive Physics	316767	10			E ¹	E ¹

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

(P) = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

MATHEMATICS

GRADE

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	LEVELS OFFERED			
			9	10	11	12

Two full years of mathematics are required for high school graduation.

NOTE: Students enrolling in Algebra Readiness will earn elective credit only.

Algebra Readiness	308412	10	E			
CAHSEE Math	308418	5 to 10		E	E	E
Algebra I (P)	308435	10	E	E	E	E
Geometry (P)	308455	10	E	E	E	E
Honors Geometry (P)	308461	10	E ¹	E ¹	E ¹	E ¹
Algebra II (P)	308445	10		E	E	E
Honors Algebra II (P)	308451	10		E ¹	E ¹	E ¹
Trigonometry/Pre-Calculus (P)	308465	10			E	E
Honors Trigonometry/Pre-Calculus (P)	308471	10			E ¹	E ¹
Advanced Placement Calculus AB (P)	308485	10				E ¹
Advanced Placement Calculus BC (P)	308491	10				E ¹
Calculus (P)	308484	10				E
Advanced Placement Statistics (P)	308480	10			E ¹	E ¹
Statistics (P)	308479	10			E	E
Coordinated Mathematics	308417	10				E

(P) = Meets mathematics entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

PHYSICAL EDUCATION

GRADE

TITLE OF COURSE	COURSE	SEMESTER	LEVELS OFFERED			
	NUMBER	HOURS	9	10	11	12

E = Elective Course
R = Required Course
E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.
R¹ = This is a required course at this grade level for selected students only. Please refer to the course description.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Health Education	316735	5	R
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In grades 9 through 12, a student must complete at least 2 years of science, which includes at least one year of life science and one year of physical science.

PHYSICAL SCIENCES

Physical Science of the Earth (P) ^g	311561	10	E	E	E	E
Chemistry (P)	311581	10		E	E	E
Honors Chemistry (P)	311582	10		E ¹	E ¹	E ¹
Advanced Placement Chemistry (P)	311583	10			E ¹	E ¹
Physics (P)	311591	10		E ¹	E	E
Honors Physics (P)	311590	10		E ¹	E ¹	E ¹
Oceanography	331571	5			E ¹	E ¹
Pre-Chemistry/Physics	311597	5	E ¹	E	E	E
Topics in Earth Science	311540	10	E ¹	E ¹	E ¹	E ¹
Lab Assistance, Chemistry	311585	10			E ¹	E ¹
Lab Assistance, Physics	311593	10				E ¹

(Automotive Physics)

(Refer to the Interdisciplinary Department)

- (P)⁹ = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.
- (P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.
- E = Elective Course
- E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

SCIENCE - cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

In grades 9 through 12, a student must complete at least 2 years of science, which includes at least one year of life science and one year of physical science.

LIFE SCIENCES

Biology (P)	311575	10	R ¹	R	R	R
Honors Biology (P)	311580	10	R ¹	R ¹	R ¹	R ¹
Advanced Placement Biology (P)	311577	10			E ¹	E ¹
Anatomy and Physiology (P)	311587	10			E	E
Botany (P)	311559	10			E	E
Advanced Placement Environmental Science (P)	311576	10			E ¹	E ¹
Marine Biology	331569	5			E ¹	E ¹
Lab Assistance, Biology	311579	10			E ¹	E ¹
Lab Assistance, Anatomy and Physiology	311589	10				E ¹

“PROJECT LEAD THE WAY” COURSE OFFERINGS

Principles of Biomedical Science (P)	311530	10	E ¹	E ¹	E ¹	E ¹
Human Body Systems (P)	311532	10		E ¹	E ¹	E ¹

OTHER SCIENCE COURSE

Science Research	351570	5 to 20	E ¹	E ¹	E ¹
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- (P) = Meets science entrance requirements for the University of California (UC) system and the California State University (CSU) system.
- E = Elective Course
- E¹ = This is an elective course at this grade level for selected students only. Refer to the course description.
- R = Required Course
- R¹ = This is a required course at this grade level for selected students only. Refer to the course description.

SOCIAL STUDIES

In grades 9 through 12, a student must complete 30 semester hours of social studies, as follows:

World History & Geography, grade 10	10 semester hours
American History, grade 11	10 semester hours
American Government/Economics, grade 12	10 semester hours

In grade 12, a student must enroll in one American government course for one semester and one economics course for the other semester.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Required World History and Geography Courses

World History and Geography (P)	312622	10		R		
Advanced Placement European History (P)	312619	10		R ¹		

Required American History Courses

Modern American History (P)	312632	10			R	
Advanced Placement U.S. History (P)	312635	10			R ¹	

Required American Government Courses

American Government (P)	312640	5				R
Advanced Placement Government Politics: United States (P)	312644	5				R ¹

Required Economics Courses

Economics (P) ^g	312660	5				R
Advanced Placement Micro-Economics (P) ^g	312664	5				R ¹

(P) = Meets history entrance requirements for the University of California (UC) system and the California State University (CSU) system.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

R = Required Course

R¹ = This is a required course at this grade level for selected students only.
Please refer to the course description.

SOCIAL STUDIES - cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Criminal Justice	312679	5	E	E	E
Criminal Procedures	312681	5	E	E	E
Sociology (P) ^g	312687	5		E	E
Psychology (P) ^g	312685	5		E	E
Advanced Placement Psychology (P) ^g	312686	10		E ¹	E ¹
Philosophy (DHS only) (P) ^g	312683	5		E	E
Advanced Placement Human Geography (P) ^g	312688	10	E ¹		

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

VISUAL AND PERFORMING ARTS

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

These courses satisfy the District's Visual Arts requirement for graduation:

ART COURSES

Art 1 / 2 (P)	309027/309036	5 to 10	E	E	E	E
Ceramics (P)	309028	10	E	E	E	E
Advanced Ceramics	309006	10		E ¹	E ¹	E ¹
Intermediate Art (P)	309004	10 to 20		E	E	E
Advanced Art (P)	309026	10 to 20			E	E
Advanced Placement Studio Art (P)	309034	10			E ¹	E ¹
Illustration	309029	10 to 30		E	E	E
Fashion Design	309021	10 to 30		E	E	E
Drawing 1 / 2 (P)	309032	5 to 10	E	E	E	E
Drawing & Digital Art (P)	309038	10	E	E	E	E
Intermediate Drawing (P)	309033	10 to 20		E	E	E
Advanced Drawing (P)	309039	10		E ¹	E ¹	E ¹
Art Design (P)	309008	10	E	E	E	E
Advanced Art Design (P)	309010	10 to 20		E	E	E

(P) = Meets visual & performing arts entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only.
Please refer to the course description.

VISUAL AND PERFORMING ARTS - cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

These courses satisfy the District's Performing Arts requirement for graduation:

THEATER COURSES

Drama I (P)	309215	10	E	E	E	E
Drama II (P)	309216	10		E	E	E
Drama Production (P)	309209	10 to 40	E ¹	E ¹	E ¹	E ¹
* Speech	309223	10	E	E	E	E
Musical Theater Performance (P)	309213	10 to 40	E ¹	E ¹	E ¹	E ¹
Television Production	309210	10	E	E	E	E
Dance Ensemble (P)	309208	10 to 40	E ¹	E ¹	E ¹	E ¹

MUSIC COURSES

Chorus 1/2 (P)	309401/309402	5 to 10	E	E	E	E
Chorus 3/4 (P)	309403/309404	5 to 10	E	E	E	E
* Advanced Chorus	309510	5 to 40	E	E	E	E
Band 1/2 (P)	309411/309412	5 to 10	E	E	E	E
Advanced Band (P)	309505	5 to 40	E	E	E	E
* Marching Band / PE	30951	5 to 40	E ⁶	E ⁶	E ⁶	E ⁶
Jazz Ensemble (P)	309513	10 to 40	E	E	E	E
* Music Appreciation	309520	5	E	E	E	E
Guitar 1/2 (P)	309301/309302	5 to 10	E ¹	E ¹	E ¹	E ¹
Percussion Ensemble	309514	5 to 10	E ¹	E ¹	E ¹	E ¹
Advanced Placement						
Music Theory (P)	309521	10		E ¹	E ¹	E ¹
Lab Assistance,						
Visual and Performing Arts	309220	10		E ¹	E ¹	E ¹

* The courses indicated meet the entrance requirement for visual and performing arts for the California State (CSU) University system.

(P) = Meets visual & performing arts entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

E⁶ = This course may be used to fulfill the physical education requirement.

VISUAL AND PERFORMING ARTS - cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

These courses satisfy the District Visual Arts requirement for graduation:

FAMILY & CONSUMER SCIENCE COURSES

(Home Arts 1)	(Refer to Family & Consumer Science Course Listings)
(Home Arts 2)	(Refer to Family & Consumer Science Course Listings)
(Interior Design 1)	(Refer to Family & Consumer Science Course Listings)
(Interior Design 2)	(Refer to Family & Consumer Science Course Listings)
(Special Projects in Interior Design)	(Refer to Family & Consumer Science Course Listings)

INDUSTRIAL TECHNOLOGY COURSES

(Woodcrafts [CHS only])	(Refer to Industrial Technology Course Listings)
(Photography 1)	(Refer to Industrial Technology Course Listings)
(Photography 2)	(Refer to Industrial Technology Course Listings)
(Photography 3)	(Refer to Industrial Technology Course Listings)
(Photography 4)	(Refer to Industrial Technology Course Listings)
(Advanced Photography)	(Refer to Industrial Technology Course Listings)
(Introduction to Animation)	(Refer to Industrial Technology/ROP Course Listings)
(Animation I)	(Refer to Industrial Technology/ROP Course Listings)
(Animation II)	(Refer to Industrial Technology/ROP Course Listings)

INTERDISCIPLINARY COURSES

(Digital Media Productions)	(Refer to Interdisciplinary Course Listings)
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WORLD LANGUAGES

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

French I (P)	305251	10	E	E	E	E
French II (P)	305252	10		E	E	E
French III (P)	305253	10			E	E
Advanced Placement French Language and Culture (P)	305283	10		E ¹	E ¹	E ¹
Advanced Placement French Literature (P)	305256	10		E ¹	E ¹	E ¹
German I (P)	305261	10	E	E	E	E
German II (P)	305262	10		E	E	E
German III (P)	305263	10			E	E
German IV (P)	305264	10				E
Advanced Placement German Language and Culture (P)	305282	10		E ¹	E ¹	E ¹
Spanish I (P)	305270	10	E	E	E	E
Spanish II (P)	305272	10		E	E	E
Spanish II: Spanish for Native Speakers (P)	305279	10	E ¹	E ¹	E ¹	E ¹
Spanish III (P)	305273	10			E	E
Spanish III: Spanish for Native Speakers (P)	305269	10	E ¹	E ¹	E ¹	E ¹
Advanced Placement Spanish Language and Culture (P)	305281	10		E ¹	E ¹	E ¹
Advanced Placement Spanish Literature (P)	305276	10		E ¹	E ¹	E ¹

(P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.

E = Elective Course

E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Hispanic Culture and Dance (P)	305268	10		E ¹	E ¹	E ¹
American Sign Language I (P)	316738	10	E ¹	E ¹	E	E
American Sign Language II (P)	316739	10		E ¹	E ¹	E
(English Language Development)			(Refer to English Course Listings)			

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- (P) = Meets foreign language entrance requirements for the University of California (UC) system and the California State University (CSU) system.
- E = Elective Course
- E¹ = This is an elective course at this grade level for selected students only. Please refer to the course description.
- L.A. COUNTY REGIONAL OCCUPATION PROGRAM (ROP)/

CAREER TECHNICAL EDUCATION

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

A+ Certification	318856	5 to 20			E ¹	E
Animation (P)	318863	10			E ¹	E ¹
Banking Occupations	318811	10			E ¹	E ¹
Commercial Photography	318813	5 to 40			E ¹	E ¹
Computer-Assisted Drafting (CAD)	318818	5 to 40			E ¹	E ¹
Construction Technology Applications	318835	5 to 40			E	E
Cosmetology	318817	10 to 40			E ¹	E ¹
Culinary Arts I	318297	10			E	E
Culinary Arts II	318299	10			E	E
Culinary Arts III	318300	10			E	E
Dance I (P)	318809	10			E ¹	E ¹
Dance II (P)	318909	10			E ¹	E ¹
Design Principles						
for Web Design (P) ^g	318115	10			E ¹	E ¹
Desktop Publishing	318810	5			E ¹	E ¹
Digital Photography (P)	318110	10 to 20			E ¹	E ¹
Diversified Occupations	318821	5 to 40			E	E
Emergency Medical Technician	318824	10			E ¹	E ¹
Fashion Coordination	318826	5			E	E
Film & Video Production 1-2 (P)	318107 / 318108	10 to 20			E ¹	E ¹
Fire Service	318837	5 to 10			E	E
First Responder	318819	5			E	E
Floristry	318829	10			E	E
General Office Clerk	318831	5			E	E
Graphic Design (P)	318833	10			E ¹	E ¹
Health Occupations	318846	10 to 20			E ¹	E ¹
Hotel Occupations	318060	5			E	E

E = Elective Course

E¹ = This is an elective course at this grade level for selected students. Please refer to the course description.

(P) = Meets visual & performing arts entrance requirements for the University of California (UC) system and the California State University (CSU) system.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.

L.A. COUNTY REGIONAL OCCUPATION PROGRAM (ROP)/

CAREER TECHNICAL EDUCATION – cont.

TITLE OF COURSE	COURSE NUMBER	SEMESTER HOURS	GRADE LEVELS OFFERED			
			9	10	11	12

Landscaping	318806	5 to 20			E	E
Law Enforcement	318823	5			E	E
Legal Clerical Occupations	318839	5			E	E
Medical Asst./	318831 / 388846	10 to 20			E ¹	E ¹
Front & Back Office						
Pharmacy Technician	318855	10 to 20			E ¹	E ¹
Principles in Education (P) ^g	318851	5 to 20			E ¹	E ¹
Printing Occupations	318858	5 to 40			E	E
Professional Acting	318830	5			E	E
Professional Dance	318809	5 to 40			E ¹	E ¹
Research Medical Assistant	318844	10 to 20			E ¹	E ¹
Retail Sales (Internship)	318864	5			E ¹	E ¹
Sports Medicine 1-2 (P) ^g	318861	10			E	E
Supermarket Occupations	318872	5 to 10			E	E
TV Video Occupations	318836	5			E	E
Web Design	318805	5			E	E
Cooperative Vocational Education (CVE) Courses:						
Child Care	318804	5 to 40			E ¹	E ¹
Financial Occupations	318827	5 to 40			E	E
Foods	318801	5 to 40			E	E
Office	318800	5 to 40			E	E
Retail Sales	318802	5 to 40			E	E

E = Elective Course

E¹ = This is an elective course at this grade level for selected students. Please refer to the course description.

(P)^g = Meets elective course (g) entrance requirements for the University of California (UC) system and the California State University (CSU) system.