

# COURSE CATALOG

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# HIGH SCHOOL SITES

**BRANHAM HIGH SCHOOL**

1570 Branham Lane, San Jose 95118

(408) 626-3407

**DEL MAR HIGH SCHOOL**

1224 Del Mar Avenue, San Jose 95128

(408) 626-3403

**LEIGH HIGH SCHOOL**

5210 Leigh Avenue, San Jose 95124

(408) 626-3405

**PROSPECT HIGH SCHOOL**

18900 Prospect Road, Saratoga 95070

(408) 626-3408

**WESTMONT HIGH SCHOOL**

4805 Westmont Avenue, Campbell 95008

(408) 626-3406

**BOYNTON HIGH SCHOOL**

901 Boynton Avenue, San Jose 95117

(408) 626-3404

**CAMDEN COMMUNITY DAY SCHOOL**

2223 Camden Avenue, San Jose 95124

(408) 626-3409

# MISSION STATEMENT

Campbell Union High School District seeks to provide a challenging learning environment enabling students to exceed standards and expectations and to assume adult roles as positive, contributing citizens in a dynamic global society.

*Students:*

- will experience a rigorous, meaningful curriculum
- use technology in a variety of ways
- solve problems and make decisions in a variety of ways
- set goals and communicate and collaborate effectively

# CATALOG GUIDELINES

This course catalog contains information designed to assist students and parents with the selection of courses that meet the needs of each student. Please consider the following points when planning a course for study.

1. Select courses that meet Campbell Union High School District's graduation requirements.
2. Select courses for which you are qualified and challenged. The more challenging your educational experiences in high school, the more options await you after graduation.
3. Select courses that will prepare you to meet educational and occupational goals.

**HIGH SCHOOL GRADUATION REQUIREMENTS/  
STANDARDS OF PROFICIENCY**

Students shall receive diplomas of graduation from high school only after completing the prescribed course of study, passing the California High School Exit Exam (CAHSEE), and meeting the proficiency standards established by the District.

The prescribed course of study for students shall include the following: (Education Code 51225.3)

<b>Class of 2009 and Later</b>
English 40 units (10 units required each year)
Social Science 10 units World History 10 units U. S. History 10 units Government/Econ.
Math 20 units (10 units of Algebra)
Physical Education 20 units
Health 5 units
Science 10 units Physical 10 units Biological
Foreign Language* Optional 10 units
Visual & Performing Arts* Optional 10 units
Applied Arts* Optional 10 units
General Elcetive 55 units
*Total 30 units Using 2 categories
<b>Total Units 220</b>



# CALIFORNIA PUBLIC COLLEGE ENTRANCE REQUIREMENTS

## UNIVERSITY OF CALIFORNIA (UC)

### Subject Requirements

- (a) HISTORY/SOCIAL SCIENCE:  
U.S. History & American Government 1 yr.  
World History, Culture, & Geography 1 yr.
- (b) ENGLISH: (college prep composition and literature) 4 yrs
- (c) MATH: Algebra 1, Geometry, Algebra 2, or Intermediate Algebra 2 3 yrs  
**OR** Integrated Math 1, 2, 3  
(4 years recommended)
- (d) LAB SCIENCE: 2 yrs  
one year from biological, one year from physical sciences required  
(3 years recommended)
- (e) LANGUAGE OTHER THAN ENGLISH: 2 yrs  
3 years recommended same language
- (f) VISUAL and PERFORMING ARTS: 1 yr.  
(dance, drama/theater, music or visual arts)
- (g) ELECTIVES: 1 yr.  
In addition to those courses required in "a-f", 1 yr. (2 semesters) of college preparatory electives are required, chosen from visual/performing arts, history, social science, English, advanced mathematics, lab science, language other than English.

**(15 units)**

1 YR = 1 UNIT: 15 Units required (7 in junior year and senior year); "B" or better grades are very important for admission.

### Exam Requirements

SAT Reasoning Test or ACT plus Writing, and SAT Subject Exams - must take two tests in two different areas: English literature, language other than English, science, social science, or mathematics level II.

### G. P. A. Requirements

3.0 "a-g" GPA (or higher) = eligible for admission;  
2.99 "a-g" GPA (or lower) = ineligible.

## CALIFORNIA STATE UNIVERSITY (CSU)

### Subject Requirements

- (a) HISTORY/SOCIAL SCIENCE:  
U.S. History & American Government 1 yr.  
U.S. History & Social Science 1 yr.
- (b) ENGLISH: (college preparatory English) 4 yrs
- (c) MATH: Algebra 1, Geometry Algebra 2, or Intermediate Algebra 2 3 yrs  
**OR** Integrated Math 1, 2, 3  
(4 years recommended)
- (d) LAB SCIENCE: 2 yrs  
one year from biological, one year from physical sciences required
- (e) LANGUAGE OTHER THAN ENGLISH: 2 yrs  
3 years recommended same language
- (f) VISUAL and PERFORMING ARTS: 1 yr.  
(dance, drama/theater, music or visual arts)
- (f) ELECTIVES: 1 yr.  
selected from college preparatory courses in above subjects or agriculture

**(15 units)**

All required courses must be completed with grades of "C" or higher; "B" strongly recommended.

### Exam Requirements

SAT Reasoning Test or ACT

### G. P. A. Requirements

3.0 GPA (or higher) = eligible for admission regardless of test scores: GPA below 2.0 = ineligible. GPA includes all college preparatory courses (except PE) taken in grades 10-12.

Both the UC and CSU systems assign extra points for up to four one-year courses of CSU/UC approved honors-level and AP courses taken in the last three years of high school: A=5 points; B=4; C=3; D grades are not included in these calculations and receive one point only. No more than two units of certified honors-level courses taken in grade 10 may be assigned extra points. The courses must be in the "a-g" subjects of history, English, advanced mathematics, laboratory science, language other than English, and visual and performing arts. They must be certified at your high school as honors, Advanced Placement.

**COURSE REQUIREMENTS FOR HIGH SCHOOL GRADUATION AND COLLEGE ADMISSION**

Write the course title under the year you have met or intend to meet the appropriate requirement. To meet a college entrance requirement, a student must earn a grade of a C or better. To meet a high school graduation requirement, a student must earn a grade of D or better.

University Admissions	High School Graduation Requirements	YEAR IN SCHOOL		
		9	10	11
U.C. and C.S.U				12
A. Social Science 2 years	History 3 years			
B. English 4 years	English 4 years			
	P.E./Military Science 2 years			
	Health 1 semester			
C. Math 3 years Alg. 1/Geom./Alg. 2	Math 2 years Algebra 1 & Geometry			
D. Lab Science 2 years 1 year Biological 1 year Physical	Science 2 years 1 year Biological 1 year Physical			
E. Foreign Language 2 years same language	Foreign Language* 1 year - Optional			
F. Visual & Performing Arts 1 year	Visual & Performing Arts* 1 year - Optional			
G. College Prep Elective+ 1 year	Applied Arts* 1 year - Optional			
	General Elective 55 credits			
	<b>*TOTAL 3 YEARS USING 2 CATEGORIES</b>			

+College Prep Electives include the following areas: History, English, Advanced Mathematics, Laboratory Science, Foreign Language (a third year in foreign language used for the requirement above, or two years of another foreign language), Social Science, and Visual and Performing Arts.

## California High School Exit Examination (CAHSEE)

All students must take and pass the California High School Exit Examination. Beginning in the tenth grade, students will be assessed in the following:

- Reading and Writing
- Mathematics

**This graduation requirement was authorized by state law (Senate Bill 2, Statutes of 1999). The purpose of the CAHSEE is to:**

- **Help improve student achievement in high school**
- **Ensure that graduating seniors meet identified state content standards in reading, writing, and mathematics**

Both assessments are based on state standards that indicate what students should know and be able to do in mathematics and in reading/writing in order to graduate from high school. The standards tested have been adopted by the California State Board of Education.

This requirement includes students in the regular program, including English Learners, as well as students in special education and/or students who are enrolled in alternative high school programs. Students who pass both parts of the High School Exit Examination in 2008 will not be required to take the examination again. Students who do not pass both parts of the examination in 2008 will be given multiple opportunities to take and pass.

- **Students who are in the tenth grade in the Spring of 2008 must pass this examination before they can graduate in 2010.**
- **Students who are in the ninth grade will take the examination in the Spring of 2009 and must pass this examination before they can graduate in 2011.**

## CAREER CLUSTERS

All high school students need to plan for a career and continuing education in order to be prepared for the “real world” of work. Career Education begins with a developing individual awareness of personal characteristics - such as interests, aptitudes, and values - and their relation to career goals. Defining career and educational goals helps students maximize their learning opportunities.

To assist students in considering fields they may pursue and the courses related to those fields, the Career Education component of our Guidance Program provides information about Career Clusters. A Career Cluster is a preparation plan for a broad category of related occupations. Categories included in this book are:

Agriculture & Natural Resources  
Arts & Communication  
Business & Marketing  
Health, Home & Recreation  
Industrial Engineering Technology  
Social, Human, & Governmental Services

These clusters are described in the following pages. The advantages to planning with Career Clusters include:

- Students can identify large career clusters rather than specific career choices.
- Students can see the importance of all course work and continuing education.
- Each path stresses the importance of learning both academic and vocational competencies.

Career Clusters and a four-year high school plan are tools that enable students to see connections between their high school courses and the “real world”. Choosing a plan is not a rigid commitment, as students will review these choices each year in high school and may decide to make changes at any time.



# CAREER CLUSTERS

## AGRICULTURE & NATURAL RESOURCES

**Do you ....**

**Value the earth and all of its natural resources?**

**Have a fascination for the complex and intricate ways of nature?**

**Enjoy the physical work outdoors with plants and animals?**

**Have the ability to work both alone and with others?**

**Receive satisfaction watching things grow?**

**Have the observation skills that help you solve problems?**

### Some Possible Careers

Entry Level	Semi-Professional	Professional
	Community College & Technical School	4+ years college
Hunting & Fishing Guide Kennel Worker Groundskeeper Flower Grower Irrigator Animal Caretaker Nursery Worker Tree Pruner Logger Field Worker Wildlands Firefighter Fish Hatchery Worker Dog Groomer Farm Machine Operator	Watershed Management Horse Trainer Park Station Manager Grounds Maintenance Wildlife Technician Landscape Contractor Horseshoer Forestry Technician Florist Ornamental Horticulture Soil Technologist	Park Ranger Landscape Architect Veterinarian Fish & Game Warden Agricultural Inspector Agricultural Engineer Farm Manager Biologist Water Resource Manager Conservation Scientist Ag. Research Scientist Zoologist Forester Range Manager Teacher Geologist Agricultural Advisor

#### Recommended Courses

Biology  
Honors Biology  
Chemistry  
Honors Chemistry

Agriculture  
AP Chemistry  
Physics  
AP Physics  
Honors Physics

Integrated Science  
Earth Science  
Algebra 1 & 2  
Geometry

# CAREER CLUSTERS

## ARTS & COMMUNICATION

**Do you ....**

**Have the determination to work on your project until you get it right?**

**Have enough self-discipline to start projects on your own and to meet deadlines?**

**Use your imagination to find new ways to do or say something?**

**Like to work independently on self-directed activities as well as work closely with other people?**

**Have the ability to visualize a final product?**

**Enjoy communicating with others and influencing the opinions of people through words and art?**

### Some Possible Careers

Entry Level	Semi-Professional	Professional
	Community College & Technical School	4+ years college
Floral Designer Photo Processor Disc Jockey Potter Merchandise Displayer Stage Technician Model Community Theater Actor	Fashion Designer Interior Designer Actor/Actress Camera Operator Recording Engineer Set Designer Photographer Choreographer Printer Stage Manager Florist Dancer Popular Musician	Photojournalist Newspaper Reporter Graphic Artist Animator Conductor/Composer Newscaster Film/Book/Periodical Editor Advertising Technical Writer Author/Journalist Film Director Opera Singer Orchestral Musician Music Teacher Free-lance Artist/Writer Museum Curator Art Restorian

#### Recommended Courses

Art 1

Art 2, 3, 4

3 Dimensional Design

Drafting 1 & 2

Architectural Drafting

Multimedia 1 & 2

Drama 1 & 2

Theater Arts

Symphonic Band

Jazz Band

Guitar

Choir

Journalism

Graphic Communication

Computer Applications

Public Speaking

#### CCOC Courses Offered

Graphic Design

Multimedia Design

Interior Design

Animation

# CAREER CLUSTERS

## BUSINESS & MARKETING

**Do you ....**

**Find it easy to meet and talk with new acquaintances? Are you a people person?**

**Consider yourself organized, efficient and comfortable doing detail work with words and numbers?**

**Enjoy competition and working hard for a goal?**

**Have the ability to think logically and to make decisions?**

**Enjoy planning and directing the activities of an organization?**

**Feel that you are ambitious and achievement oriented?**

### Some Possible Careers

Entry Level	Semi-Professional	Professional
	Community College & Technical School	4+ years college
Computer Operator Payroll Clerk Cashier Bank Teller Bookkeeper Manager Trainee Travel Agent Secretary Receptionist File Clerk Shipping Clerk Retail Salesperson Sales Agent	Independent Small Business Small Business Buyer Office Manager Hotel Management Claims Agent Insurance Underwriter Computer Technician Court Reporter Real Estate Agent Legal Transcriber Customer Support Production Planner Food Services Management	Business Administration Accountant Investment Broker Computer Programmer Financial Analyst Management Consultant Sales Representative Administrative Assistant Purchasing Agent Sales Manager Financial Planner Human Resources Officer Hospital Administrator Business Skills Teacher Hotel Manager Bank Examiner Computer Systems Analyst

### Recommended Courses

Accounting  
 Algebra 1 & 2  
 Library Practice  
 Clerical Services

Banking  
 Geometry  
 Leadership  
 Public Speaking

Web Design  
 Computer Applications  
 Computer Basics

### CCOC Courses Offered

Administrative Assistant  
 Legal Careers

Medical Office Careers  
 Office Assistant

Computer Administrative Assistant  
 Small Business Management

# CAREER CLUSTERS

## HEALTH, HOME & RECREATION

**Do you ....**

**Have the desire to help people lead healthy lives?**

**Value a healthy body for yourself and others?**

**Want to help people relax and refresh themselves?**

**Want to help people improve their everyday life skills?**

**Like to work with people?**

**Have the ability to work patiently with people?**

### Some Possible Careers

Entry Level	Semi-Professional	Professional
	Community College & Technical School	4+ years college
Psychiatric Aide Hospital Orderly Optician Apprentice Home Health Aide Professional Athlete Camp Counselor Recreation Program Worker Playground Leader Child Care Provider Recreational Teacher Shipping Clerk Retail Salesperson Sales Agent	Dental Hygienist Recreation Leader Athletic Trainer/Coach Corporate Fitness Advisor Professional Referee/Umpire X-ray Technician Paramedic Emergency Medical Technician EEG/EKG Technician Surgical Technician Hospital Lab Aide Physician Assistant Dental Assistant License Vocational Nurse Caterer Home Decorator Nurse's Aide	Physical Therapist Registered Nurse Dentist Social Worker Counselor Physician Dietician Pharmacist Chiropractor Recreational Therapist Teacher Psychologist Sports Manager

#### Recommended Courses

AP Chemistry

Biology

Honors Biology

Chemistry

Honors Chemistry

Physics

AP Physics

Life Management

Living on Your Own

Advanced Math

Music

Drama/Theater Arts

R.O.P. Child Care

Nutrition & Foods 1

Foods 2 (Food Service & Hospitality)

P.E./Elective P.E.

#### CCOC Courses Offered

Health Occupations

Medical Office Careers

Medical Assisting

Dental Assisting

Culinary Arts



# CAREER CLUSTERS

## INDUSTRIAL & ENGINEERING TECHNOLOGY

Do you ....

Like to analyze and solve problems logically and creatively?

Like to see the results of your work?

Have the ability to work accurately and precisely?

Feel comfortable working with machines and equipment?

Enjoy working with your hands to build or repair things?

Have the ability to visualize “the project” as it will be when completed before beginning?

Have an aptitude in math and science?

### Some Possible Careers

Entry Level	Semi-Professional	Professional
	Community College & Technical School	4+ years college
Mechanic’s Assistant Auto Body Repair Helper Bicycle Mechanic Machine Shop Assistant Electronic Assembler Roofer	Draftsperson Surveyor Automotive Technician Aircraft Mechanic Engineering Technician Electronic Technician Carpenter Electrician Sheet-Metal Worker Mechanic Plumber General Contractor Welder Building Inspector Heavy Equipment Operator Machinist Heating & Air Mechanic Dental Lab Technician	Aeronautical Engineer Architect Electrical Engineer Mechanical Engineer Electronic Engineer Computer Science Engineer Automotive Engineer Civil Engineer Industrial Engineer Metallurgical Engineer Petroleum Engineer Photogrammetry Engineer Mining Engineer Teacher Chemical Engineer Astronautical Engineer

#### Recommended Courses

Algebra 1 & 2

Geometry

Trigonometry/Pre-Calculus

AP Calculus

AP Statistics

Architectural Drafting

Engineering Drafting 1 & 2

Chemistry

Honors Chemistry

AP Chemistry

Physics/AP Physics

Art 1 & 2

3 Dimensional Design

Computer Basics

Web Design

#### CCOC Courses Offered

Engine Repair

Brakes & Alignment

Cabinetmaking

Carpentry

Robotics

Precision Machinery

Metal Technology

Truck Mechanics

Computer Aided Drafting

Auto Body Refinishing

Electrical Maintenance Technician

Computer Technology Careers

Heating, Refrigeration, Air Conditioning

Tune-up & Electrical Systems

# CAREER CLUSTERS

## SOCIAL, HUMAN, & GOVERNMENTAL SERVICES

**Do you ....**

**Get along well with all kinds of people?**

**Have a sincere concern for people's needs and problems?**

**Like to help others?**

**Work calmly and patiently, even under stressful situations?**

**Enjoy learning about how individuals, groups, and societies interact?**

**Listen carefully, speak and /or write clearly, plan, and/or direct effectively?**

### Some Possible Careers

Entry Level	Semi-Professional	Professional
	Community College & Technical School	4+ years college
Postal Clerk Library Clerk Security Guard Waiter/Waitress Short-Order Cook Playground Leader Seamstress/Tailor Social Welfare Trainee Lifeguard	Firefighter Paralegal Social Worker Assistant Legal Assistant Animal Health Technician Community Outreach Worker Learning Assistant Residential Counselor Case Management Aide Flight Instructor Flight Attendant Police Officer Beautician/Barber Chef Library Technician Vocational Teacher Interpreter Bus Driver	Social Worker Lawyer Psychologist FBI Agent Judge School Counselor Teacher Librarian Military Officer Speech Pathologist Occupational Therapist Sociologist City Planner City Manager Law Enforcement Officer History Teacher

#### **Recommended Courses**

Living on Your Own  
 English  
 American Government  
 U.S. History  
 World History

R.O.P. Child Care  
 Public Speaking  
 Journalism  
 Foreign Languages  
 Leadership

Life Management  
 Computer Applications  
 Graphic Communications  
 Geography & Culture  
 R.O.T.C.  
 P.E.

#### **CCOC Courses Offered**

Cosmetology

Culinary Arts

Law Enforcement

# COURSE SELECTIONS

**NOTE:** Student initiated schedule changes for yearlong courses will be addressed only during the three-week period immediately following the first day of the school year. Schedule changes for semester courses will be addressed only during the three-week period at the beginning of each semester.

**IMPORTANT NOTE:** Course offerings are subject to change based on funding, enrollment, and/or available staffing at the school.

# Agriculture

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**COURSE TITLE:** Agriculture Science 1

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**#16100****Grade Levels:** 9-12**School:**

Westmont

**Graduation Credit:**

Physical Science

**CSU/UC:**

Electives (g)

This one-year course introduces students to California agriculture through hands-on activities. Areas of instruction include an introduction to animal science, plant science, agricultural careers, agricultural leadership activities, record keeping, and current issues in agriculture. Students extend and integrate their understanding of physical, life, and earth science concepts. Exploring real world problems, students learn to think scientifically, make decisions, and communicate effectively about scientific knowledge and processes. This course provides students with a foundation for subsequent college preparatory science courses. Students taking this course are eligible to raise livestock on the farm.

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**COURSE TITLE:** Agriculture Biology

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**#13650****Grade Levels:** 10-12**School:**

Westmont

**Graduation Credit:**

Biological Science

**CSU/UC:**

Lab Science (d)

This second level course provides a hands-on approach to biological sciences through agriculture. Agriculture Biology is a laboratory science course designed for the college-bound student. The course emphasizes detailed knowledge of the biological principles of the following areas: molecular and cellular aspects of living things, structure and function of agricultural plants and animals, genetics, physiology, plant and animal diversity, and principles of classification, ecological relationships, and animal behavior. Concepts in animal and plant science, foreign and domestic agriculture history, public speaking, and parliamentary procedure also included.

Prerequisite: Agriculture 1 and Geometry or concurrent enrollment in Geometry

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**COURSE TITLE:** Agriculture Mechanics

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**#16140****Grade Levels:** 11-12**School:**

Westmont

**Graduation Credit:**

General Electives

Students use tools and learn skills related to the agriculture industry. The oxyacetylene torch, arc welding, painting, carpentry, rope work, basic use of the surveyor's level, and general maintenance of the farm are emphasized.

Prerequisite: Agriculture 1 or concurrent enrollment in Agriculture 1



# Agriculture

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**COURSE TITLE:** Agriculture 3/4 - Business and Economics

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**#16090**

**Grade Levels:** 11-12

**School:**

Westmont

**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

This course is designed for advanced study of agriculture business opportunities and economics for the college bound students with interest in agriculture. Through the course, the student will understand and apply basic economic principals as they relate to individual consumers, production agriculture, and agri-business management. Life skills such as resumes, job applications, interview skills, and college and scholarship applications will be included. The students will develop a “business” that will produce, package, determine prices, and profit/losses. At the conclusion of the course, profits will be split equally between the partners.

Prerequisite: Agriculture Science 1 and Agriculture Biology

# Applied Arts

## BUSINESS

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**COURSE TITLE:** Introduction to Information Technology

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**#15410****Grade Levels:** 9**School:**

Prospect, Westmont

**Graduation Credit:**

Applied Arts

This one-semester class teaches students to be computer proficient and meet or exceed minimum school technology requirements. Students use Micro Type Multimedia, the Microsoft Office suite, and Netscape or Internet Explorer. Students develop basic keyboarding skills in word processing, spreadsheets and charting, database, PowerPoint, e-mail, Internet usage and web page design. These skills enable students to research, format, display and present information, especially in English and social science courses.

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**COURSE TITLE:** Accounting

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**#15030****Grade Levels:** 11-12**School:**

Leigh, Prospect, Westmont

**Graduation Credit:**

Applied Arts

In this full-year course double-entry accounting is taught and skills are developed that assist students in obtaining employment. Theory and practical application are stressed to prepare students for the required college courses of a business major. The entire accounting cycle is covered and includes journals, posting to ledgers, preparing worksheets, and financial reports. Once students have learned accounting procedures through manual exercises, they record routine accounting transactions on the computer, learning the techniques of inputting data, as well as preparing statements and interpreting financial results.

Prerequisite: Algebra 1

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**COURSE TITLE:** Record Keeping

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**#15020****Grade Levels:** 9-12**School:**

Prospect

**Graduation Credit:**

Applied Arts

This course is designed to develop personal and business record keeping skills. Students are provided with the opportunity to acquire knowledge necessary to conduct personal financial activities and learn the fundamentals of bookkeeping in preparation for a variety of entry-level jobs in office and sales occupations.

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**COURSE TITLE:** Banking

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**#15300****Grade Levels:** 11-12**School:**

Prospect, Westmont

**Graduation Credit:**

Applied Arts

Students work in the school bank accepting and counting deposits, writing checks, and maintaining student body account records. They perform general bank teller and account clerk duties and prepare accounting reports using the computer for data entry and reporting.

Prerequisite: Accounting

# Applied Arts

## BUSINESS

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**COURSE TITLE:** Work Experience

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**#15160**

**Grade Levels: 12**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Applied Arts

This course is for seniors only and combines supervised part-time employment with academic and skill preparation in the classroom. Students are assisted in acquiring desirable work habits and attitudes. Students meet on the high school campus at least one period per week. Credit is awarded based on the number of hours spent at paid employment, in classroom participation, and in completion of all paperwork.

Prerequisite: Student must be at least 16 years old and employed by the first class meeting.

# Applied Arts

## COMPUTER EDUCATION

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### **COURSE TITLE:** Computer Applications

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**#15400**

**Grade Levels:** 9

**School:**

Del Mar, Leigh,  
Westmont (9-12)

**Graduation Credit:**

Applied Arts

This course\* one year at Del Mar, offers students the opportunity to improve their keyboarding skills through specially designed, self-paced, engaging activities. Students learn to create spreadsheets and charts in Excel for science classes and to design effective visual aids in Word and PowerPoint for class presentations and projects. In addition, freshmen are introduced to proper formatting techniques for letters and reports used in both high school and college research papers. Students also study safe Internet research techniques and copyright issues.

\*One semester at Leigh, one year at Del Mar, Prospect and Westmont

### **COURSE TITLE:** Digital & Graphic Tools

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**#15100**

**Grade Levels:** 10-12

**School:**

Del Mar, Leigh, Prospect  
Branham & Westmont (9-12)

**Graduation Credit:**

Applied Arts

This hands-on, one-year course stresses advanced computer/technology operations and applications. The most current software programs are utilized to teach the following applications: word processing, database management, graphing, spreadsheets, graphics, publishing, and presentation software. Projects and portfolios are used to demonstrate competencies. Digital imaging software is emphasized. Knowledge of the keyboard is helpful.

### **COURSE TITLE:** Digital Design for the Web

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**#15360**

**Grade Levels:** 10-12

**School:**

Leigh, Prospect  
Branham (11-12)

**Graduation Credit:**

Applied Arts

This course introduces students to a variety of tools for creating and maintaining web sites. Starting with writing basic XHTML using a text editor, students learn to use graphics tools, site management tools, and sophisticated web editors. In addition, students study accessibility, flash animation, copyright, and communication issues related to creating successful web pages. Additional technology explored may include digital cameras, digital video camcorders and scanners, making a PSA (public service announcement), movies and presentations. Writing and story script skills are emphasized in the course.

Prerequisite: Computer Basics, Computer Applications



# Applied Arts

## HOME ECONOMICS AND TECHNOLOGY

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### **COURSE TITLE:** Foods 1

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**#15560**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Applied Arts

This course focuses on cooking skills with a heavy emphasis on nutrition. Laboratory experiences, demonstrations, lectures, and skill building exercises provide a high activity-based, low stress format for learning. In addition to cooking skills, students are given career information and skills to make informed food choices. At the end of the course, students take home a recipe collection. A materials donation may be requested.

### **COURSE TITLE:** Foods 2

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**#15575**

**Grade Levels:** 10-12

**School:**

Branham, Del Mar, Leigh  
Prospect (11-12)

**Graduation Credit:**

Applied Arts

This course is designed for the more serious student wishing to explore a career in the area of Food Service and Hospitality Management. More advanced cooking skills taught, which may include the preparation of catered events and specialty and/or ethnic foods. Students create a recipe file for living on their own and learn to plan, budget, and shop for meals that support a healthy lifestyle. A materials donation may be requested.

Prerequisite: Foods 1

### **COURSE TITLE:** Foods 2 - Culinary Arts

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**#15570**

**Grade Levels:** 10-12

**School:**

Del Mar, Leigh, Prospect

**Graduation Credit:**

Applied Arts

**CSU/UC:**

Electives (g)

This course continues from Foods 1 with a focus on cooking skills and emphasis on more advanced cooking methods as well as Nutritional Science; Culinary Organization; Food Science; Culinary Careers; Culinary Professionalism; Recipe Research; Development and Costing; Menu Research and Analysis; and Business Research and Development. Laboratory experiences, demonstrations, lectures and skill drills will provide an active and thriving environment format for learning. In addition to cooking skills, student-chefs will access career information and vocational skills to make informed culinary decisions. As a result of this course student-chefs will take with them a culinary repertoire and work ethic that will be transferable to many industries.

Prerequisite: Foods 1

# Applied Arts

## HOME ECONOMICS AND TECHNOLOGY

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**COURSE TITLE:** Life Management - Comprehensive Core

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**#15700**

**Grade Levels:** 9

**School:**

Prospect

**Graduation Credit:**

Applied Arts

This one-semester course provides 9th graders with the skills necessary for a successful start in high school. The content includes study skills, time management techniques, decision making and communication skills, and understanding relationships with family and friends. Other topics include consumer issues, such as advertising and buying, basic nutrition and food preparation methods, and an introduction to child development. Students participate in a variety of learning activities, including note taking, projects, oral presentations, reading, writing, group work and interaction. A materials donation may be requested.

**COURSE TITLE:** Living on Your Own - Comprehensive Core II

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**#15510**

**Grade Levels:** 9-12

**School:**

Leigh

Prospect (11-12)

**Graduation Credit:**

Applied Arts

This course is designed to help students become responsible, independent citizens. Major instructional topics include communication techniques, teamwork and problem solving skills, healthy life choices, money management skills, job search and career options, as well as the study of relationships including marriage and parenting. A materials donation may be requested.

**COURSE TITLE:** Fashion Workshop 1

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**#15540**

**Grade Levels:** 9-12

**School:**

Del Mar, Leigh

**Graduation Credit:**

Applied Arts

In this course, students learn how to create stylish and individualized garments including many quick and easy projects. Students learn to select fabrics, layout and cut patterns, and perform basic sewing skills. Also included are personal color analysis, clothing selection, and fashion study. A materials donation may be requested.

**COURSE TITLE:** Fashion Workshop 2

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**#15550**

**Grade Levels:** 10-12

**School:**

Del Mar

**Graduation Credit:**

Applied Arts

This individualized course covers fashion and advanced techniques. Students are encouraged to be creative and work at their own pace. A materials donation may be requested.

Prerequisite: Fashion Workshop 1

# Applied Arts

## HOME ECONOMICS AND TECHNOLOGY

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**COURSE TITLE:** Child Development

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**#15520**

**Grade Levels:** 11-12

**School:**

Branham, Prospect,  
Westmont  
Del Mar & Leigh (10-12)

**Graduation Credit:**

Applied Arts

**CSU/UC:**

Electives (g)

This course is a study of child growth and development from conception through adolescence. The focus is on physical, social/emotional/moral, and cognitive development, and the factors that influence healthy development. Students gain experience working with young children by planning and teaching in a school site preschool setting. Students design and teach lessons to peers, as well as preschoolers. A materials donation may be requested.

**COURSE TITLE:** Careers With Children

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**#15620**

**Grade Levels:** 11-12

**School:**

Del Mar (Available at Del  
Mar to all students  
throughout the District)

**Graduation Credit:**

Applied Arts: 15 units,  
Life Science: 5 units

Students prepare for a variety of careers by becoming an assistant teacher in an off-campus elementary school or preschool during this two-period, twenty unit class. Students spend two mornings a week at the school helping a teacher. They study child psychology and positive discipline while gaining actual career experience. The leadership experience and job skills gained lead towards a variety of careers and college programs. Transportation is the student's responsibility.

Prerequisite: Must be at least 16 years

# Applied Arts

## INDUSTRIAL AND TECHNOLOGY EDUCATION

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**COURSE TITLE:** Metals 1

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**#16050****Grade Levels:** 9-12**School:**

Westmont

**Graduation Credit:**

Applied Arts

This project-based course is designed to give students a variety of experiences in beginning metal fabrication processes. Course objectives include safety and proper use of tools, sheet and bench metal work, welding, forging, heat treating, and machine shop operations.

**COURSE TITLE:** Metals 2

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**#16060****Grade Levels:** 10-12**School:**

Westmont

**Graduation Credit:**

Applied Arts

This is a project-based course centered on advanced techniques in sheet metal processes, welding, sand casting, general machine shop operations, and manufacturing concepts. Students design and develop a project from initial concept to finished project.

Prerequisite: Metals 1

**COURSE TITLE:** Wood 1

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**#16070****Grade Levels:** 9-12**School:**

Del Mar, Westmont

**Graduation Credit:**

Applied Arts

Students learn shop safety and proper use of hand tools, power tools, and other major woodworking machines. The emphasis is on shop-planned projects including construction, assembly, and finishing.

**COURSE TITLE:** Wood 2

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**#16080****Grade Levels:** 10-12**School:**

Del Mar, Westmont

**Graduation Credit:**

Applied Arts

This course provides advanced design and construction using hand and power tool techniques. It includes basic cabinet making and construction carpentry skills.

Prerequisite: Wood 1

# Applied Arts

## INDUSTRIAL AND TECHNOLOGY EDUCATION

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### **COURSE TITLE:** Construction

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**#16190**

**Grade Levels:** 11-12

**School:**

Del Mar

**Graduation Credit:**

Applied Arts

This introductory course in construction includes carpentry skills, safety, usage of hand tools, portable power tools, and machinery. Students also learn about blueprint reading, foundations, framing, roofing, windows and doors, interior and exterior building materials, basic plumbing, electrical, and painting. Class participation involves building a scale model house. Related occupational and career information is explored during the course.

### **COURSE TITLE:** Introduction to Engineering and Design

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**#15960**

**Grade Levels:** 9-12

**School:**

Westmont

**Graduation Credit:**

Applied Arts

This course is designed to expose students to career opportunities in the electrical and mechanical engineering fields. Students learn a method of structured problem solving and apply that method to solve problems. They work on real life simulations of electrical engineering projects, learn basic DC electronic theory, produce an electronic device (from a kit), and package the product. They market the product to the class using PowerPoint. Students learn both manual and computer designed basic drafting skills.

### **COURSE TITLE:** Engineering Drafting 1

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**#16010**

**Grade Levels:** 9-12

**School:**

Prospect

**Graduation Credit:**

Applied Arts

Students learn the universal language of drawings as a form of communication. Engineering drafting skills are necessary in occupations relating to all fields of engineering, construction, manufacturing, designing, and many other careers. The course is designed for all students and requires no artistic talent. Students learn traditional drafting techniques and are introduced to Computer Assisted Design (CAD).

### **COURSE TITLE:** Engineering Drafting 2

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**#16020**

**Grade Levels:** 10-12

**School:**

Prospect

**Graduation Credit:**

Applied Arts

This course is a continuation of basic engineering drafting with emphasis on problem solving using traditional drafting techniques and CAD. Industrial oriented techniques and concepts are emphasized. Engineering drafting skills necessary for occupations related to engineering, designing, and many other careers are covered.

Prerequisite: Engineering Drafting 1\*

\*Prospect - Introduction to Engineering and Design

# Applied Arts

## INDUSTRIAL AND TECHNOLOGY EDUCATION

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**COURSE TITLE:** Engineering Drafting - Independent Study

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**#15970**

**Grade Levels:** 10-12

**School:**

Prospect

**Graduation Credit:**

Applied Arts

Students learn advanced engineering drafting techniques relating to mechanical engineering or architectural drawing. Students use CAD or traditional drafting tools to problem solve, create complete sets of drawings, and in some cases, create prototypes to test their designs.

Prerequisite: Engineering Drafting 1

**COURSE TITLE:** Engineering Technology

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**#15950**

**Grade Levels:** 11-12

**School:**

Westmont

**Graduation Credit:**

Applied Arts

**CSU/UC:**

Electives (g)

Engineering Technology has six core units each with a six-week duration in Engineering/Technology Studies, Semiconductor Manufacturing, Mechanical Design, Aerospace Engineering, Civil Structures, and Robotics. The modules provide an understanding of the principles of mechanical, fluid, electrical, electronics, chemical and thermal systems, and the mathematics and science associated with them.

Prerequisites: Algebra 2, Integrated Science, Physics not required, but concurrency will be helpful to the student, and continuing/concurrent study of mathematics and/or physical science

**COURSE TITLE:** Computer Network and Analysis

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**#15380**

**Grade Levels:** 9-12

**School:**

Westmont

**Graduation Credit:**

Applied Arts

Students learn about the hardware and software that make up personal computers and networks. They also learn to identify and analyze computer components, assemble personal computers, install hardware, analyze and troubleshoot problems, document labor, and configure basic network resources. Students keep the computer they have completed. In addition, students assist in the maintenance and repair of computers on campus. In the spring, students have the opportunity to take part in a competition with other students working on the same types of projects.

# Applied Arts

## INDUSTRIAL AND TECHNOLOGY EDUCATION

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### **COURSE TITLE:** Graphic Publication (Yearbook)

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**#17760**

**Grade Levels:** 9-12

**School:**

Del Mar, Leigh, Prospect,  
Westmont  
Branham (10-12)

**Graduation Credit:**

Applied Arts

This course is designed to develop student's publishing skills. The main objective of the class is to produce a record of the school year by using photographs, graphic artwork, and copy as a means of creative communication. Students master a desktop publishing software program, Adobe In-Design. This class is responsible for producing the high school yearbook.

### **COURSE TITLE:** Media Production 1

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**#17210**

**Grade Levels:** 10-12

**School:**

Branham, Leigh, Prospect,  
Westmont

**Graduation Credit:**

Applied Arts

This introductory course is designed to develop the student's media production skills. Students are exposed to the following media activities: video camera handling, lighting and composition, audio recording, video and audio editing, storyboard writing, and interviewing skills. This class may help produce the morning announcements and school event videos. Students may also use graphic art and design software to produce a variety of media and graphic design projects.

### **COURSE TITLE:** Media Production 2

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**#17220**

**Grade Levels:** 10-12

**School:**

Leigh, Prospect, Westmont

**Graduation Credit:**

Applied Arts

The Media Production 2 class is an advanced course designed to develop a higher level of media production skills. Students are exposed to advanced camcorder handling, special controlled lighting and composition, audio recording and downloading, video and audio editing, storyboard writing and interviewing skills. Extra time is spent exploring special techniques in media presentations. This class may help with the production of the Daily Bulletin and an Annual Video Yearbook.

Prerequisite: Media Production 1



# Applied Arts

## INDUSTRIAL AND TECHNOLOGY EDUCATION

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**COURSE TITLE:** Media Production - Independent Study

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**#17230**

**Grade Levels:** 10-12

**School:**

Prospect

**Graduation Credit:**

Applied Arts

Students work in leadership roles on long term productions of school events for public relations. Individual projects that require the use of advanced camera and editing techniques, as well as a variety of digital formats are explored.

Prerequisite: Media Production 2

# English/Language Arts

## ENGLISH

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**COURSE TITLE:** English 1 - The Fundamentals of English

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**#11110**

**Grade Levels: 9**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

English

**CSU/UC:**

English (b)

Fundamentals of English is a standards-based foundation course for freshmen. This program emphasizes a variety of listening, speaking, critical thinking, reading, writing, vocabulary, grammar, and usage experiences to provide students with strong communication skills. Students develop these skills which enable them to demonstrate their understanding and appreciation of literary works through the use of several writing forms. Outside reading and writing are expected.

**COURSE TITLE:** English 1, Honors - The Fundamentals of English

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**#11120**

**Grade Levels: 9**

**School:**

Branham, Del Mar, Leigh,  
Prospect, (Westmont: 2nd  
semester only)

**Graduation Credit:**

English

**CSU/UC:**

English (b)

This course exceeds the English 1 foundation skills. The course is designed to more fully develop the skills of listening, speaking, critical thinking, reading, writing, vocabulary, grammar, and usage. Assignments require in-depth analysis. Summer reading may be required.

**COURSE TITLE:** English 2 - The Wider World

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**#11140**

**Grade Levels: 10**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

English

**CSU/UC:**

English (b)

Expanding on skills developed in English 1, this course integrates the skills of reading, writing, speaking, and listening as students increase their awareness of the world's diverse cultures. Student writing shall effectively argue a meaningful thesis and make use of secondary source material. Substantial outside reading is required.

# English/Language Arts

## ENGLISH

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**COURSE TITLE:** English 2, Honors - The Wider World

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**#11410**

**Grade Levels: 10**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

English

**CSU/UC:**

English (b)

This course exceeds the English 2 skills. The course consists of in-depth language development, composition, and analysis of challenging literature of diverse cultures around the world and in the United States. Summer reading is required.

**COURSE TITLE:** English 3 - The American Experience

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**#11370**

**Grade Levels: 11**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

English

**CSU/UC:**

English (b)

In the third year of English, students study literature which reflects American traditions and values, from Native American poetry to contemporary classics. Students are encouraged to make connections between literature and history while continuing to refine and practice their skills in the writing genres mandated by the California State Standards. Methods of research and documentation are also developed. Classwork, activities, and homework integrate other significant aspects of communication such as vocabulary development, speaking skills, and critical thinking.

**COURSE TITLE:** English 3, Honors - The American Experience

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**#11430**

**Grade Levels: 11**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

English

**CSU/UC Honors:**

English (b)

In this course, students study literature that reflects American traditions and values with an emphasis on understanding the works within an historical context. This rigorous course offers students an intensive study of challenging literature, and an opportunity to compare American and British literary traditions. Students continue to refine their writing skills in the genres mandated by the California State Standards with an emphasis on the critical thinking required for literary analysis, which prepares them for Advanced Placement English. Class assignments, activities and homework expand vocabulary development, speaking and listening skills. Summer reading is required.

# English/Language Arts

## ENGLISH

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**COURSE TITLE:** English 3 - The American Experience, Integrated Studies

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**#11370****Grade Levels:** 11**School:**

Westmont

**Graduation Credit:**

English

**CSU/UC:**

English (b)

Students experience America as it is brought to life through the interdisciplinary study of United States history and American literary masterpieces. The course links the study of America's rich historical past with an exploration of the soul of the nation through its great literary influences. Beginning with our nation's founding and progressing to modern America, the periods are explored via critical reading, interpretive writing and historical analysis, and experiential activities including field trips and reenactments of major events in American history. Note taking, presentation of work, research, group assignments, and team building are developed.

Requisite: Must be taken concurrently with United States History - American Experience, Integrated Studies

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**COURSE TITLE:** English 3, Advanced Placement - English Language & Composition

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**#11190****Grade Levels:** 11**School:**

Leigh

**Graduation Credit:**

English

**CSU/UC:**

English (b)

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

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**COURSE TITLE:** English 4 - World Literature

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**#11380****Grade Levels:** 12**School:**Branham, Del Mar, Leigh,  
Prospect**Graduation Credit:**

English

**CSU/UC:**

English (b)

This course emphasizes the power of language to influence an audience. Students will study rhetorical devices and types of arguments found in literature, public documents, and the media. In addition, this course explores how important themes are treated in major literary works from different historical periods and cultures. Writing is focused on revision for style, voice, audience, and employment of rhetorical devices. Writing will cover reflective composition, historical investigations, and workplace writing.

# English/Language Arts

## ENGLISH

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**COURSE TITLE:** English 4, Honors - World Literature and Communication

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**#11450**

**Grade Levels: 12**

**School:**

Branham, Leigh, Prospect

**Graduation Credit:**

English

**CSU/UC:**

English (b)

This course presents a sampling of major authors from various world cultures. The curriculum emphasizes expository writing related to the literature. The course provides a rigorous and more traditional curriculum in preparation for college and requires significant outside reading, as well as other homework assignments.

**COURSE TITLE:** English 4, Advanced Placement - English Literature & Composition

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**#11200**

**Grade Levels: 12**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

English

**CSU/UC Honors:**

English (b)

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course materials and writing assignments, particularly literary analysis, prepare students to take the Advanced Placement Exam. English Advanced Placement is an intensive course designed for students who are ready for college level reading and writing.

**COURSE TITLE:** English Workshop

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**#11760**

**Grade Levels: 9-10**

**School:**

Branham, Del Mar, Leigh,  
Westmont  
Prospect (10-12)

**Graduation Credit:**

General Electives

This is a one-year course designed to give extra support to those students concurrently enrolled in an English course. The goal of this course is to accelerate students' reading and writing skills and comprehension so they can meet grade level standards. This course may be repeated for credit.

# English/Language Arts

## ENGLISH

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**COURSE TITLE:** Public Speaking

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**#11210**

**Grade Levels:** 9-12

**School:**

Branham, Prospect,  
Westmont

**Graduation Credit:**

General Electives

**CSU/UC:**

Electives (g)

This course develops effective persuasive writing and speaking skills. Students write, deliver, and critique a variety of speeches. This activity course offers many opportunities for research, debate, student congress, mock trial, group discussion/Socratic Seminar, and oral interpretation while building self-confidence.

**COURSE TITLE:** Journalism

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**#11220**

**Grade Levels:** 10-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

General Electives

**CSU/UC:**

Electives (g)

This activity course offers a variety of experiences that teach students how to produce the school newspaper. The course develops skills in news and feature writing, editing, layout, and desktop publishing and improves the student's writing mechanics, structure, and style. The integration of photography, artwork, and advertising round out this course.

# Foreign Language

## LANGUAGE OTHER THAN ENGLISH

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**COURSE TITLE:** French 1

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**#14510**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e)

French 1 students are introduced to basic structures and vocabulary dealing with everyday situations that enable them to communicate effectively in French at a basic level. Students start developing all five communication skills: listening, speaking, reading, writing, and cultural awareness.

**COURSE TITLE:** French 2

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**#14520**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e),  
Electives (g)

French 2 students continue their study of the five communication skills: listening, speaking, reading, writing, and cultural awareness of French. Students are able to understand simple questions related to personal interests and to initiate simple conversations. They develop the ability to read short texts and write short paragraphs dealing with everyday life.

Prerequisite: French 1

**COURSE TITLE:** French 3

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**#14530**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e),  
Electives (g)

French 3 students expand upon and enrich the base of knowledge acquired in French 1 and 2. As students enter into the intermediate level of language proficiency, they learn to discuss and write about personal experiences and their lives at home and school. They learn to communicate their needs using more complex verb tenses and grammatical structures. Students are also introduced to short literary texts and other authentic documents.

Prerequisite: French 2



# Foreign Language

## LANGUAGE OTHER THAN ENGLISH

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**COURSE TITLE:** French 4

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**#14540**

**Grade Levels:** 11-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e),  
Electives (g)

French 4 increases the students' proficiency in French. Students review all verb tenses and complex grammatical structures. They study in more depth the geography, history, and literature of France. Continued emphasis on the skills of speaking, reading, writing, and listening enables communication in complex situations.

Prerequisite: French 3

**COURSE TITLE:** French Language, Advanced Placement 4

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**#14560**

**Grade Levels:** 11-12

**School:**

Del Mar, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC Honors:**

Foreign Language (e),  
Electives (g)

Advanced Placement French is an intensive, challenging course emphasizing the use of the language for active communication through advanced activities in listening, reading, speaking, writing, and culture. Students are expected to read, analyze, and understand major literary works. Students also learn to formulate and express critical opinions both orally and in writing. Students are prepared to take the Advanced Placement Language Exam.

Prerequisite: French 3

**COURSE TITLE:** French Literature, Advanced Placement 5

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**#14570**

**Grade Levels:** 12

**School:**

Del Mar

**Graduation Credit:**

Foreign Language

**CSU/UC Honors:**

Foreign Language (e),  
Electives (g)

This course is available to seniors who began their language studies in middle school or had some other experience to advance their knowledge of the language. This course focuses on the literary works required by the College Board's Advanced Placement program. Study of these stories, poems, dramas, and novels prepares students for the Advanced Placement Literature Exam.

Prerequisite: French 4 or French, Advanced Placement

# Foreign Language

## LANGUAGE OTHER THAN ENGLISH

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### **COURSE TITLE:** Spanish 1

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**#14650**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e)

Spanish 1 students are introduced to basic structures and vocabulary dealing with everyday situations that enable them to communicate effectively in Spanish at a basic level. Students start developing all five communication skills: listening, speaking, reading, writing, and cultural awareness.

### **COURSE TITLE:** Spanish 2

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**#14660**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language(e),  
Electives (g)

Spanish 2 students continue their study of the five communication skills: listening, speaking, reading, writing, and cultural awareness of Spanish. Students are able to understand simple questions related to personal interests and to initiate simple conversations. They develop the ability to read short texts and write short paragraphs dealing with everyday life.

Prerequisite: Spanish 1

### **COURSE TITLE:** Spanish 3

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**#14670**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e),  
Electives (g)

Spanish 3 students expand upon and enrich the base of knowledge acquired in Spanish 1 and 2. As students enter into the intermediate level of language proficiency, they learn to discuss and write about personal experiences and their lives at home and school. They learn to communicate their needs using more complex verb tenses and grammatical structures. Students are also introduced to short literary texts and other authentic documents.

Prerequisite: Spanish 2

# Foreign Language

## LANGUAGE OTHER THAN ENGLISH

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**COURSE TITLE:** Spanish 4

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**#14680**

**Grade Levels:** 11-12

**School:**

Branham, Del Mar, Leigh,  
Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e),  
Electives (g)

Spanish 4 increases the students' proficiency in Spanish. Students review all verb tenses and complex grammatical structures. They study in more depth the geography, history, and literature of Spain. Continued emphasis on the skills of speaking, reading, writing, and listening enables communication in complex situations.

Prerequisite: Spanish 3

**COURSE TITLE:** Spanish Language, Advanced Placement 4

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**#14700**

**Grade Levels:** 11-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Foreign Language

**CSU/UC Honors:**

Foreign Language (e),  
Electives (g)

Advanced Placement Spanish is an intensive, challenging course emphasizing the use of the language for active communication through advanced activities in listening, reading, speaking, writing, and culture. Students are expected to read, analyze, and understand major literary works. Students also learn to formulate and express critical opinions both orally and in writing. Students are prepared to take the Advanced Placement Language Exam.

Prerequisite: Spanish 3

**COURSE TITLE:** Spanish Literature, Advanced Placement 5

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**#14720**

**Grade Levels:** 12

**School:**

Del Mar

**Graduation Credit:**

Foreign Language

**CSU/UC Honors:**

Foreign Language (e),  
Electives (g)

This course is available to seniors who began their language studies in middle school or had some other experience to advance their knowledge of the language. This course focuses on the literary works required by the College Board's Advanced Placement program. Study of these stories, poems, dramas, and novels prepares students for the Advanced Placement Literature Exam.

Prerequisite: Spanish 4 or Spanish, Advanced Placement

# Foreign Language

## LANGUAGE OTHER THAN ENGLISH

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### **COURSE TITLE:** Spanish for Spanish Speakers 1

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**#14610**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Prospect

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e)

This course is designed to help native speakers improve their oral, listening, reading, and writing skills in Spanish. Native speakers learn about Latino culture and history through themes including identity, family, and community. They are encouraged to share their own traditions and experiences. Students have the opportunity to prepare for the Advanced Placement Spanish Language Exam.

### **COURSE TITLE:** Spanish for Spanish Speakers 2

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**#14620**

**Grade Levels:** 10-12

**School:**

Branham, Del Mar

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e),  
Electives (g)

This course is designed to further reinforce language skills through the reading and discussion of a wide range of literary works, cultural themes, and current events. Students read Spanish novels, poetry, short stories, plays, and essays, and write analytical compositions and essays. Students have the opportunity to prepare for the Advanced Placement Spanish Literature Exam.

Prerequisite: Spanish for Spanish Speakers 1 or adequate knowledge of the language

### **COURSE TITLE:** Spanish for Spanish Speakers 3

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**#14630**

**Grade Levels:** 10-12

**School:**

Del Mar

**Graduation Credit:**

Foreign Language

**CSU/UC:**

Foreign Language (e)  
Electives (g), pending

This course is a continuation of Spanish for Spanish Speakers 2 with an emphasis on reading and writing, including a wide variety of literature from Spain and Latin America. The course leads students to connect their learning to the community in which they live and help them see the relationship between language, community and career. Students have the opportunity to prepare for the Advanced Placement Spanish Language and the Advanced Placement Spanish Literature exams.

Prerequisite: Spanish for Spanish Speakers 2 or adequate knowledge of the language

# Health

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**COURSE TITLE:** Health Education

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**#13460**

**Grade Levels: 9**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

General Electives

This one-semester course provides instruction in the physical, mental, emotional and social changes that occur throughout life. Topics include the importance of exercise and diet in maintaining a healthy body, the understanding of sexuality, the skills to cultivate positive relationships with family and friends, and the understanding of behaviors that prevent disease. Emphasis is placed on decision making skills in situations involving alcohol, drugs, tobacco, and other potentially harmful behaviors. **This course satisfies the California health requirement which all 9th grade students are required to take.**

# Mathematics

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**COURSE TITLE:** Algebra 1

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**#14040****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Mathematics

**CSU/UC:**

Math (c)

This is a one-year college prep course that meets state graduation requirements for Algebra 1. Topics include basic algebraic operations, solving linear equations/inequalities including absolute value, introduction to functions, deriving and graphing linear functions to develop an understanding of slopes and intercepts, solving systems of equations, applying basic operations to monomials and polynomials of second and third degree, solving quadratic equations using a variety of methods, and introduction to logical arguments using inductive and deductive reasoning.

**COURSE TITLE:** Algebra 1 Workshop

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**#14310****Grade Levels:** 9-12**School:**Del Mar, Westmont  
Branham (9-10)**Graduation Credit:**

General Electives

This is a one-year course designed to give extra support to those students concurrently enrolled in an Algebra 1 course.

**COURSE TITLE:** Geometry

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**#14050****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Mathematics

**CSU/UC:**

Math (c)

This one-year college prep course integrates plane and solid geometry that includes algebraic approaches to the solutions of geometric problems. The geometry skills and concepts developed in this discipline are useful to all students. Topics included in this course are congruence, similarity, angle relationships in polygons and circles, coordinate geometry, right triangle relationships including the Pythagorean Theorem and basic trigonometry functions, coordinate and deductive proofs, area, perimeter, and volume theorems, and straightedge and compass constructions.

Prerequisite: Algebra 1

# Mathematics

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**COURSE TITLE:** Geometry Workshop

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**#14380****Grade Levels:** 9-12**School:**

Westmont

**Graduation Credit:**

General Electives

This is a one-year course designed to give extra support to those students concurrently enrolled in a geometry course.

**COURSE TITLE:** Intermediate Algebra 2

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**#14060****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Mathematics

**CSU/UC:**

Math (c)

This course is recommended as the third course in the college prep sequence for the student pursuing a college degree in *non-science* fields. Topics include determinants and matrices, properties of real numbers, equations and inequalities, rational and irrational expressions, quadratics, exponential and logarithmic functions, conic sections, sequence and series, probability and statistics, permutations, and combinations. Technology may include graphing calculators and computers.

Prerequisite: Geometry

**COURSE TITLE:** Algebra 2

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**#14070****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Mathematics

**CSU/UC:**

Math (c)

This course is recommended as the third course in the college prep sequence for the student pursuing a college degree and provides the foundation for Trigonometry and Calculus. The course expands on first year Algebra skills and examines them in greater depth and intensity. Topics include those listed in Intermediate Algebra. Due to the pacing and intensity of this course, a strong mathematical background is recommended.

Prerequisite: Geometry



# Mathematics

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## **COURSE TITLE:** Algebra 2/Trigonometry

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**#14250**

**Grade Levels:** 9-12

**School:**

Leigh, Prospect

**Graduation Credit:**

Mathematics

**CSU/UC:**

Math (c), Electives (g)

This is a one-year college prep course for those students who would like to continue advanced mathematics in high school. It is designed to follow the Intermediate Algebra course and will also be open to those Algebra 2 students who wish to raise their level of competency and be better prepared for Trigonometry. The first semester is tailored to the results of the Mathematics Diagnostic Testing Project (UC Berkeley diagnostic test) with an emphasis on the application of mathematics. Topics include linear and quadratic models, inequalities, linear programming, functions, matrix theory, polynomial functions, exponents and logarithms, sequences and series, financial investment, and probability and statistics. The second semester covers Trigonometry topics. The graphing calculator and/or computer is an integral part of the course.

Prerequisite: Intermediate Algebra 2 or Algebra 2

## **COURSE TITLE:** Trigonometry/Pre-Calculus

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**#14080**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Mathematics

**CSU/UC:**

Math (c), Electives (g)

The fourth course in the college prep sequence, Trigonometry/Pre-Calculus, integrates all the skills and concepts mastered prior to Calculus. It includes trigonometric functions (circular and triangular), identities and multiple angle formulas, graphing, DeMoivre's theorem, sequences and series, mathematical induction, partial fractions, polynomial and rational functions, higher-order equations and inequalities, limits, exponential and logarithmic functions. Graphing calculators may be used.

Prerequisite: Intermediate Algebra 2 or Algebra 2\*

\*Branham - only Algebra 2

## **COURSE TITLE:** Calculus AB, Advanced Placement

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**#14210**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Mathematics

**CSU/UC Honors:**

Math (c), Electives (g)

The curriculum is established by the College Board and covers two-thirds of one college year. Both differential and integral calculus are studied. Topics include analytic geometry, limits and continuity, the derivative and its application, the definite integral and its application, logarithmic, exponential, algebraic and trigonometric function, indeterminate forms, and first order differential equations. This course prepares students to take the Advanced Placement Exam.

Prerequisite: Trigonometry/Pre-Calculus

# Mathematics

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**COURSE TITLE:** Calculus BC, Advanced Placement

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**#14220****Grade Levels: 9-12****School:**

Leigh, Westmont

**Graduation Credit:**

Mathematics

**CSU/UC Honors:**

Math (c), Electives (g)

This Honors Advanced Placement curriculum is established by the College Board and covers one full college year. Both differential and integral calculus are studied. Topics include all the material covered in Calculus AB, as well as advanced integration techniques and analysis of sequences and series. This course prepares students to take the Advanced Placement Exam.

Prerequisite: Trigonometry/Pre-Calculus or Calculus AB, Advanced Placement

**COURSE TITLE:** Statistics, Advanced Placement

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**#14170****Grade Levels: 9-12****School:**Branham, Leigh, Prospect,  
Westmont**Graduation Credit:**

Mathematics

**CSU/UC Honors:**

Math (c), Electives (g)

This course is equivalent to a one-semester, introductory, non-calculus based college course in statistics. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring Data: observing patterns and departures from patterns, 2) Planning a Study: deciding what and how to measure, 3) Anticipating Patterns: producing models using probability theory and simulation, and 4) Statistical Inference: confirming models. Students who successfully complete the course and Advanced Placement Exam may receive course credit, advanced placement, or both.

Prerequisite: Intermediate Algebra 2 or Algebra 2

# Non-Departmental Courses

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## **COURSE TITLE:** AVID - Advancement Via Individual Determination

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**See text box**

**Grade Levels:** 9-12

**School:**

Leigh, Prospect

**Graduation Credit:**

General Electives

**CSU/UC:**

Electives (g) - AVID Seminar only

AVID is a support program for students bound for four-year universities. AVID students must be self-directed and motivated. Students are expected to stay enrolled in college preparatory courses and maintain at least a 2.0 GPA throughout high school. Although students may be recruited from the ninth and tenth grade, students typically enter AVID as freshmen and stay with the program through their senior year. Students have tutorial support in the AVID class. The classroom teacher instructs students using AVID curriculum, focusing on writing, inquiry, and collaboration. Seminars are given in note taking, building self-esteem, goal setting, reading improvement strategies, and test taking skills. Library and Internet research, study and time management skills, personal organization and SAT/ACT preparation help students achieve in all their academic courses and be prepared for college work. Students also have the opportunity to visit neighboring universities, hear college and career speakers, and participate in artistic and cultural experiences.

**Course # AVID 1 - #18900**

**AVID 2 - #18910**

**AVID 3 - #18920**

**AVID Seminar - #18930**

Prerequisite: Application and Interview

## **COURSE TITLE:** Compensatory Education (Title I)

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**#19120**

**Grade Levels:** 9-12

**School:**

Prospect

**Graduation Credit:**

General Electives

This supplementary resource and guidance program is available to students who are in need of individualized attention in reading, language arts, or mathematics. This program supplements students' required courses with a resource class. Students receive assistance from the Title I teachers, who focus on the student's areas for improvement, reading, writing, organizational skills, study skills, goal-setting, and homework completion. Classes are small to ensure individualized attention.

Prerequisite: Referral from teacher, parent, guidance staff or self-referral in conjunction with appropriate assessment.

## **COURSE TITLE:** Driver Education

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**#13240**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Prospect, Westmont

**Graduation Credit:**

General Electives

This six-week course guides students toward becoming safe and responsible drivers. Topics covered: laws and rules of the road, safe driving practices, and proper driving attitudes. Upon successful completion, this course satisfies the classroom components required by the Department of Motor Vehicles and the State of California. This course is 2.5 units.

# Non-Departmental Courses

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**COURSE TITLE:** Leadership

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**#12930****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

General Electives

The leadership class is designed to facilitate the Student Government program. The class is intended to provide time for Associated Student Body (ASB) members to accomplish their goals and duties as representatives of the student body. Students develop their leadership skills in long and short term goal setting, time management/organization, communication, leadership, school and community service, interpersonal relations, problem solving, team building, and evaluation and reflection.

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**COURSE TITLE:** Library Practice

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**#19090****Grade Levels:** 9-12**School:**Leigh  
Prospect (11-12)**Graduation Credit:**

General Electives

This activity course enables the student to learn about library research methods and materials. The student assists in the daily routine of operating a school library while having the opportunity to work collaboratively with both adults and students. This course provides a variety of on-the-job experiences.

Prerequisite: Typing skills preferred

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**COURSE TITLE:** Peer Tutor

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**#18940****Grade Levels:** 11-12**School:**Del Mar, Leigh, Prospect,  
Westmont**Graduation Credit:**

General Electives

This course will provide an opportunity for advanced students to work as peer tutors in a variety of courses where extra assistance may be needed for individual or group of students. Peer Tutors will learn leadership and teaching skills and be able to provide academic assistance to peers. Peer Tutors will be encouraged to think critically and offer constructive feedback to the teacher and peers.

Prerequisite: Advanced level courses in English, Mathematic, or other advanced courses relevant to support the class

# Non-Departmental Courses

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**COURSE TITLE:** Student Assistant

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**#19100**

**Grade Levels: 10-12**

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

General Electives

The student assistant program offers a variety of work-based activities to reliable and mature students. The student may serve in the following positions: classroom aide, laboratory assistant, library and office clerk. The course is 2.5 units, and students are given a pass/fail grade only.

**COURSE TITLE:** Clerical Services

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**#15240**

**Grade Levels: 10-12**

**School:**

Leigh, Prospect

**Graduation Credit:**

General Electives

This semester course enables students to learn and apply extensive office skills. The students assist in daily office procedures in either the main or attendance office. The varied responsibilities may include switchboard operation, telephone messages, filing, and organizing mailings. Students learn to work and deal with adults and other students. Upon completion, a student will have the basic office skills needed to obtain an entry level position in an office environment. (May be repeated for credit.)

# Physical Education

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**COURSE TITLE:** Physical Education

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**#13010 or #13030****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Physical Education

This course includes both individual and team physical education activities. The content of physical education includes the effects of physical activity upon dynamic health, mechanics of body movement, aquatics, gymnastics and tumbling, individual and dual sports, rhythms and dance, team sports, and combatives. All courses are conducted in a coeducational, inclusive manner. Emphasis is placed on coordination, balance, speed, endurance, reaction time, cardiovascular endurance, and teamwork. Completion of 20 units of physical education is necessary to graduate.

**Course #13010 - 9th grade only      #13030 for 10th - 12th grades**

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**COURSE TITLE:** Elective Physical Education

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**#13070****Grade Levels:** 11-12**School:**Branham, Leigh, Prospect,  
Westmont**Graduation Credit:**

General Electives

Students who have successfully completed two years of physical education may take Elective Physical Education. This class focuses on lifelong fitness, recreation activities, and weight training with emphasis on strength building and conditioning.

Prerequisite: Two years of physical education

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**COURSE TITLE:** Personal Fitness

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**#12910****Grade Levels:** 10-12**School:**

Prospect

**Graduation Credit:**

General Electives

The Personal Fitness course will help encourage students to develop an individual optimum level of physical fitness, acquire knowledge of physical fitness concepts, and understand the significance of a healthy lifestyle on one's health and fitness. Physical fitness is not solely based on athletic ability: students who choose to improve their personal well being by learning how to accomplish personal long and short term health goals, weed out mass media fallacies, and establish a personal fitness program based on nutrition and exercise. The course will include both traditional classroom instruction and hands-on labs and activities that will help guide students in making healthy choices throughout their lifetime.

# Physical Education

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## **COURSE TITLE:** Military Science 1

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**#13100**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Physical Education, Elective

The Military Science program develops leadership skills, self-discipline, teamwork, individual initiative, citizenship, and respect for our government and country. Military Science 1 includes the effects of physical activity upon dynamic health, mechanics of body movement, aquatics, gymnastics and tumbling, individual and dual sports, rhythms and dance, team sports, and combatives. The Marine Corps uniforms, boots and shoes are issued at no cost to each student and are worn to school at least once a week. Even though the instructors are retired Marines, the program is not for recruiting, and the students are not affiliating themselves with any branch of the armed forces while enrolled in Military Science. Students may participate in quarterly field trips, bi-annual spring-break trips and after-school competitions.

## **COURSE TITLE:** Military Science 2

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**#13110**

**Grade Levels:** 10-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Physical Education, Elective

The Military Science program develops leadership skills, self-discipline, teamwork, individual initiative, citizenship, and respect for our government and country. Military Science 2 includes the effects of physical activity upon dynamic health, mechanics of body movement, aquatics, gymnastics and tumbling, individual and dual sports, rhythms and dance, team sports, and combatives. The Marine Corps uniforms, boots and shoes are issued at no cost to each student and are worn to school at least once a week. Even though the instructors are retired Marines, the program is not for recruiting, and the students are not affiliating themselves with any branch of the armed forces while enrolled in Military Science. Students may participate in quarterly field trips, bi-annual spring-break trips and after-school competitions.

Prerequisite: Military Science 1

## **COURSE TITLE:** Military Science 3

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**#13160**

**Grade Levels:** 10-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Elective

In Military Science 3, cadets begin to use their leadership training as they assume positions of increased authority and responsibility within the program. Detailed instruction on personal finances is presented, as well as other preparation for life beyond high school

Prerequisite: Military Science 2

# Science

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**COURSE TITLE:** Earth Science

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**#13530****Grade Levels:** 9**School:**

Branham, Prospect

**Graduation Credit:**

Physical Science

**CSU/UC:**

Electives (g)

Earth Science is an exciting, one-year integrated science course designed to stimulate interest in science and provide a background for other science courses. This course investigates topics in geology, meteorology, oceanography, and astronomy. The class includes laboratory sessions, student reports/projects, and student presentations.

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**COURSE TITLE:** Integrated Science

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**#13950****Grade Levels:** 9**School:**

Del Mar, Westmont

**Graduation Credit:**

Physical Science

**CSU/UC:**

Electives (g)

In this foundational course, students extend and integrate their understanding of physical, life, and earth science concepts. Areas of study include the nature of science, matter and energy, Earth processes, atmosphere and oceans, ecology and evolution, electricity, and magnetism. Students take an in-depth look at how the physical and biological worlds are interconnected and function as systems that are part of a larger global system. They explore how energy flows and matter cycles within and between systems to support a networked web of life. Laboratory activities promote skill in scientific investigation processes and in the use of scientific tools and techniques. Exploring real-world problems, students learn to think scientifically, make decisions, and communicate effectively about scientific knowledge and processes. This course provides ninth grade students with a foundation for subsequent college preparatory science courses.

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**COURSE TITLE:** Biology

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**#13540****Grade Levels:** 9-10**School:**

Branham, Leigh, Prospect,

Westmont

Del Mar (10-12)

**Graduation Credit:**

Biological Science

**CSU/UC:**

Lab Science (d)

Biology is a lab course designed to help students understand the nature of life and life processes. The main topics include nature and processes of science, ecology, cellular biology, classification of life, evolution, chemistry of life, reproduction and development, heredity, behavior, anatomy, and physiology of plants and animals. Emphasis is placed on critical thinking and problem solving.



# Science

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**COURSE TITLE:** Biology, Honors

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**#13660****Grade Levels:** 9-10**School:**Del Mar, Leigh,  
Prospect (9-12)  
Westmont (10)**Graduation Credit:**

Biological Science

**CSU/UC:**

Lab Science (d)

Honors Biology is an accelerated and enriched laboratory course. It provides the college bound student with a rigorous and in-depth analysis of data, while reinforcing math and written communication skills. The main topics include nature and processes of science, ecology, cellular biology, classification of life, evolution, chemistry of life, reproduction and development, heredity, behavior, anatomy, and physiology of plants and animals.

Prerequisite: Completion or concurrent enrollment in Geometry

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**COURSE TITLE:** Biology, Advanced Placement

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**#13720****Grade Levels:** 11-12**School:**

Branham, Leigh, Prospect

**Graduation Credit:**

Biological Science

**CSU/UC Honors:**

Lab Science (d), Electives (g)

This class is intended for the highly motivated student who can work and think independently. The course is fast paced and intensive, and requires a large amount of time outside of class. The curriculum is established by the College Board. It is designed to be the equivalent of a college introductory biology course. Topics to be covered include:

- molecules and cells (25%) - biochemistry, cells, and energetics
- heredity and evolution (25%) - genetics, molecular biology, and evolutionary biology
- organisms and population (50%) - diversity, structure & function, and ecology

All students enrolled in this course are prepared to take the Advanced Placement Exam. Qualification on the Advanced Placement Exam may allow students to take upper-level college courses in biology or register for courses for which biology is a prerequisite.

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**COURSE TITLE:** Chemistry

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**#13550****Grade Levels:** 10-12**School:**Branham, Del Mar, Leigh,  
Prospect  
Westmont (9-12)**Graduation Credit:**

Physical Science

**CSU/UC:**Lab Science (d),  
Electives (g)

In this course, students study the substances that make up our world, and the changes that take place to those substances as they react and combine with each other. Topics include atomic and molecular structure, chemical formulas, bonding, periodic law, and properties of matter, gas laws, thermochemistry, acid-base concept, equilibria, chemical bonding, oxidation/reduction, electrochemistry, stoichiometry, and introduction to organic chemistry. Chemistry fulfills the college lab science entrance requirements if taken in the tenth grade or beyond. Students selecting this course must have a strong foundation in Algebra and English.

Prerequisite: Algebra 1

# Science

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**COURSE TITLE:** Chemistry, Honors

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**#13590****Grade Levels:** 10-12**School:**

Leigh, Prospect

**Graduation Credit:**

Physical Science

**CSU/UC Honors:**

Lab Science (d),

Electives (g)

This one-year laboratory course deals with chemicals and their reactions in the world around us. In this course, topics are explored in more depth, and additional topics are covered. The emphasis is on competence in solving problems and in applying chemical principles. An increased emphasis is placed on the level of skill attained in the laboratory. Topics covered include atomic and molecular structure, the relationship between structure and properties, stoichiometry, chemical formulas, chemical bonding, periodic law, physical and chemical properties of matter, gas laws, thermochemistry, thermodynamics, thermodynamic calculations, acid-base chemistry, equilibria, equilibrium, calculations, oxidation-reduction reactions, electrochemistry, electrochemical calculations, organic chemistry, and descriptive chemistry.

Prerequisite: Algebra 1, concurrent enrollment in Algebra 2 or higher math

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**COURSE TITLE:** Chemistry, Advanced Placement

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**#13600****Grade Levels:** 11-12**School:**

Branham, Leigh

Westmont (10-12)

**Graduation Credit:**

Physical Science

**CSU/UC Honors:**

Lab Science (d),

Electives (g)

This college level course is designed for students entering engineering, physical sciences, or the medical field. Advanced Placement Chemistry builds on the concepts and techniques learned in the previous chemistry course. The emphasis is on the understanding and applications of the principles of theoretical and structural chemistry. The nature of matter and the changes it undergoes are stressed qualitatively and quantitatively in lecture and laboratory. Other topics include stoichiometry, periodicity, reaction types, the gaseous state, solution stoichiometry, chemical equilibrium, acid-base equilibrium, phase transitions, thermochemistry, spontaneity and equilibrium, electrochemistry, kinetics and bonding theory. The course will be fast paced and math-intensive. Students are prepared to take the Advanced Placement Exam in Chemistry.

Prerequisites: Chemistry and/or Physics is required, completion or concurrent enrollment in Trigonometry/Pre-Calculus

# Science

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**COURSE TITLE:** Physics

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**#13560****Grade Levels:** 10-12**School:**Branham, Leigh, Prospect,  
Westmont

Del Mar (9-12)

**Graduation Credit:**

Physical Science

**CSU/UC:**Lab Science (d),  
Electives (g)

This is a laboratory science course recommended for all college preparatory students. Physics presents the basic laws and relationships governing physical phenomena, particularly the transformation and interactions of matter and energy. Topics include mechanics, heat, light, sound, electricity, magnetism, relativity, atomic and nuclear physics.

Prerequisite: Algebra 1, Geometry or concurrent enrollment in  
Geometry

\*\*Branham requires completion of Geometry

\*\*Del Mar - no math requirement

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**COURSE TITLE:** Physics, Honors

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**#13740****Grade Levels:** 10-12**School:**Branham, Del Mar, Leigh,  
Prospect**Graduation Credit:**

Physical Science

**CSU/UC Honors:**Lab Science (d),  
Electives (g)

The course focuses on the study of the basic laws and relationships that govern physical events or phenomena, particularly the interaction of matter and energy. Topics include mechanics, heat, light, sound, electricity, magnetism, relativity, atomic and nuclear physics. A demanding homework schedule accompanies this class, and a strong mathematics background is required.

Prerequisite: Completion of or concurrent enrollment in Algebra 2  
Del Mar - Completion of or concurrent enrollment in  
Geometry. Physics is taken in Grade 10.

# Science

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**COURSE TITLE:** Physics B, Advanced Placement

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**#13710**

**Grade Levels:** 10-12

**School:**

Del Mar, Leigh, Prospect,  
Westmont

**Graduation Credit:**

Physical Science

**CSU/UC Honors:**

Lab Science (d),  
Electives (g)

This course is a college level physics course that provides a systematic introduction to the general principles of physics through conceptual understanding and problem-solving using algebra and trigonometry. The basic ideas of calculus are introduced in the theoretical development of some physical concepts such as acceleration and work. This course covers a broad range of topics in classical and modern physics and serves as the basis for more advanced work in the life sciences, medicine, or as a science general education requirement in a non-science college program. This intensive laboratory-oriented course is directed toward developing student proficiency in investigative problem-solving and the application of fundamental principles in a variety of situations. Students document their laboratory experiences and collect evidence of laboratory work. Students use a college level text to prepare for the Advanced Placement Physics B Exam, which, if passed, earns college credit.

Prerequisite: Concurrent enrollment in or completion of Algebra 2

# Social Science

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**COURSE TITLE:** World Geography and Cultures

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**#12370****Grade Levels:** 9**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Elective

**CSU/UC:**

History (a), Electives (g)

In this one-semester course, students develop geographic literacy. The course provides an examination of the concept of culture, which may focus on Latin America, Asia, the Middle East, and Sub-Saharan Africa. The course content reinforces map and graph reading skills, study skills, and critical thinking skills presented in the California State Content Standards for earlier grades and provides a basis for skills and concepts studied in later courses. This course contributes substantially to the student's preparation for the three subsequent years of history and social science education.

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**COURSE TITLE:** World History

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**#12010****Grade Levels:** 10**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

The primary goals of this course are to foster a global view of the modern world, to examine the relationship between current issues and crises and their historical, geographic, political, economic, and cultural context and to provide extensive practice in the development of participation skills, critical thinking skills, and basic study skills.

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**COURSE TITLE:** World History, Honors

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**#12020****Grade Levels:** 10**School:**Branham, Del Mar, Leigh,  
Prospect**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

This course links the past to the present by examining major events which have shaped the modern world over time. The class is designed to help students make connections between timeless global issues and their lives today. A global perspective is provided by presenting a variety of opinions from different world regions. Included in the course are hands-on investigations that encourage students to formulate and support personal opinions and to develop problem solving, analysis, and interpretation skills.

# Social Science

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**COURSE TITLE:** United States History

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**#12100****Grade Levels:** 11**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

In this course, students examine major turning points in twentieth century American history. The following themes are emphasized: the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the impact of technology on American society and culture; the change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. In each unit, students examine American culture, including literature, art, drama, education, and the mass media. Students also examine American character and social/political institutions.

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**COURSE TITLE:** United States History - American Experience, Integrated Studies

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**#12100****Grade Levels:** 11**School:**

Westmont

**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

Students experience America as it is brought to life through the interdisciplinary study of United States history and American literary masterpieces. The course links the study of America's rich historical past with an exploration of the soul of the nation through its great literary influences. Beginning with our nation's founding and progressing to modern America, the periods are explored via critical reading, interpretive writing and historical analysis, and experiential activities including field trips and reenactments of major events in American history. Note taking, presentation of work, research, group assignments, and team building are developed.

Requisite: Must be taken concurrently with English 3 - The American Experience, Integrated Studies

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**COURSE TITLE:** United States History, Advanced Placement

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**#12120****Grade Levels:** 11**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Social Science

**CSU/UC Honors:**

History (a), Electives (g)

This college-level class offers an intense and demanding program emphasizing critical thinking and writing skills. Students are expected to read college-level primary source and narrative text material and actively participate in open class discussions examining significant issues in the development of American society. This course prepares students to take and pass the College Board Advanced Placement Exam in American History.

# Social Science

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**COURSE TITLE:** American Government

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**#12170****Grade Levels:** 12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

This one-semester course involves the study of American politics, government operations, civil rights, and responsibilities. Students explore the democratic values that form the foundation of the American political system, investigate ideas that underlie its legal system, and study key documents which have shaped the government of this nation. Students analyze issues that confront the United States and the global community.

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**COURSE TITLE:** Economics

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**#12180****Grade Levels:** 12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Social Science

**CSU/UC:**

History (a), Electives (g)

This one-semester, California standards-based course gives students an understanding of how the American economic system operates. Students are encouraged to examine their own role in that system. The course content provides opportunities for students to study the concepts of scarcity, supply and demand; to compare our economic system to those of other countries; and to learn to make reasoned judgments about economic issues.

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**COURSE TITLE:** United States Government and Politics, Advanced Placement

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**#12400****Grade Levels:** 12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Social Science

**CSU/UC Honors:**

History (a), Electives (g)

This course incorporates the study of economics and is designed to give students a critical perspective on government and politics in the United States. It uses the tools of political science to help students understand the American political system and emphasizes critical thinking and communication skills. Students read numerous college-level primary and secondary sources, including a college text on the American political arena. The curriculum reflects the California State Content Standards and prepares students to take the College Board Advanced Placement Exam in American Government.

# Social Science

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**COURSE TITLE:** Sociology**#12300****Grade Levels:** 11-12**School:**

Branham

**Graduation Credit:**

Elective

**CSU/UC:**

Electives (g)

Sociology, a one semester class, is the systematic and scientific study of human behavior, social groups, and society. Students will examine the personal and institutional forces that shape everyday life, behavior, and social values. Students will develop a sense of social behaviors that exist or have existed in the world and demonstrate their understanding through interviews, simulations, role playing and analysis of current events. Career choices in the field of Sociology will also be examined.

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**COURSE TITLE:** Psychology**#12380****Grade Levels:** 11-12**School:**

Branham

**Graduation Credit:**

Elective

**CSU/UC:**

Electives (g)

Psychology, a one semester class, is the study of behavior and the development of the individual. This course will focus on developing a better understanding of factors that influence learning, problem solving, emotions, motivation, perception, sensation and personality development. Students will develop skills in psychological research and methods. Career choices in the field of psychology will also be examined.



# Visual and Performing Arts

## ART

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### **COURSE TITLE:** Art 1 - Drawing and Painting

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**#17010**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)  
Electives (g)

This is a drawing and painting class that explores the basic elements and principles of design, color theory, art history, and cross-cultural art studies. Emphasis is placed on creative expression, craftsmanship, art vocabulary, and critiques. A materials donation may be requested.

### **COURSE TITLE:** Visual Art 1

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**#17120**

**Grade Levels:** 9-12

**School:**

Leigh

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This course is designed to give students the necessary technical perceptual tools to increase their interest in art and give them confidence to pursue higher visual art challenges. Students learn through various projects how to identify art movements and styles through historical research and cultural investigation. Through individual and group critiques, students also develop their ability to evaluate artwork and increase their ability to communicate ideas in a forum where a dialogue based on aesthetics is respected and encouraged. Students are introduced to the cultural and historical significance of various modes of art making through the course of study. Students also develop a strong personal portfolio comprising their artwork throughout the year.

### **COURSE TITLE:** Art 2 - Drawing and Painting

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**#17020**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

This course continues the study and practice of drawing and painting and further applies the principles of design. Some new mediums are introduced. Projects require greater scope and depth than those in Art 1. Students are engaged in art discussions and critiques, artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration. A materials donation may be requested.

Prerequisite: Art 1 - Drawing and Painting

# Visual and Performing Arts

## ART

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### **COURSE TITLE:** Art 3 - Drawing and Painting

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**#17030**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

This course extends the study, application and utilization of the elements and principles of art. Students incorporate advanced color theory, various modes of design, and comprehensive art critiques. Emphasis is placed on maintaining a working portfolio, and developing artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration. Participating in community art events and investigating careers is also included. A materials donation may be requested.

Prerequisite: Art 2 - Drawing and Painting

### **COURSE TITLE:** Art 4 - Drawing and Painting

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**#17040**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

In this course, students focus on an in-depth exploration of a number of mediums. Students work individually in a studio atmosphere, with frequent student/teacher consultation, critiques, and demonstrations and portfolio preparation. Emphasis is placed on creating artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration. A materials donation may be requested.

Prerequisite: Art 3 - Drawing and Painting

### **COURSE TITLE:** Art - Independent Study

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**#17050**

**Grade Levels:** 11-12

**School:**

Leigh, Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

This course places emphasis on the student working independently on art projects under close guidance and supervision of the teacher. Project approval, teacher consultation, and critiques will be required.

Prerequisite: Art 3 - Drawing and Painting

# Visual and Performing Arts

## ART

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**COURSE TITLE:** Studio Art: 2-D Design, Advanced Placement

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**#17060**

**Grade Levels:** 10-12

**School:**

Del Mar, Leigh, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC Honors:**

Visual & Performing Arts (f)

Electives (g)

This course provides individual as well as teacher-directed projects, that satisfy the College Board Advanced Placement Portfolio (quality, concentration, and breadth). Students choose between 2-dimensional and drawing portfolios.

Prerequisite: Art 3 - Drawing and Painting

**COURSE TITLE:** Photography 1

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**#17090**

**Grade Levels:** 11-12

**School:**

Branham, Leigh, Prospect,  
Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

Electives (g)

This hands-on introductory course is designed to explore the use of camera and darkroom equipment using black and white film. Class instruction includes the use of cameras with correct exposure, the use of photographic darkroom equipment to print from negatives, and proper photographic mounting and display. Design, composition, and craftsmanship are emphasized to improve picture-taking skills. A study of classical, historical photographers and their photographs is presented.

**COURSE TITLE:** Photography 2

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**#17100**

**Grade Levels:** 12

**School:**

Leigh, Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),

Electives (g)

This course extends the concepts presented in Photography 1 to include advanced photographic techniques and special effects. The course explores digital photography, using PC computers with Adobe Photoshop software. A study of the cultural heritage and key classical photographers is presented. The class offers an opportunity for students to develop a personal portfolio and style of photography.

Prerequisite: Photography 1

# Visual and Performing Arts

## ART

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### **COURSE TITLE:** Photography - Independent Study

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**#17140**

**Grade Levels:** 10-12

**School:**

Leigh, Westmont

Prospect (12)

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),

Electives (g)

Students do in-depth explorations of various camera formats, darkroom techniques and digital manipulations of images. Individual projects are assigned to develop student abilities using advanced photo techniques. Students are encouraged to enter their portfolio in photo contests.

Prerequisite: Photography 1

### **COURSE TITLE:** Three Dimensional Design 1 - Ceramics & Sculpture

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**#17070**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,

Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

Electives (g)

This course explores ceramics, sculpture, and other contemporary media. The students will build a portfolio of artwork, learn appropriate art vocabulary, learn historical/cultural information, make critical assessments, and connect art to their own life.

### **COURSE TITLE:** Three Dimensional Design 2 - Ceramics & Sculpture

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**#17080**

**Grade Levels:** 10-12

**School:**

Branham, Del Mar, Leigh,

Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),

Electives (g)

This course continues design techniques and the use of media learned in Three Dimensional Design 1. New media are introduced at this level, and a higher level of creativity and skill is expected. The students build a portfolio of artwork, learn appropriate art vocabulary, learn historical/cultural information, make critical assessments, and connect art to life.

Prerequisite: Three Dimensional Design 1

# Visual and Performing Arts

## ART

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**COURSE TITLE:** Three Dimensional Design 3 - Ceramics & Sculpture

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**#17110**

**Grade Levels:** 11-12

**School:**

Del Mar, Leigh, Prospect,  
Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

This course continues design techniques and the use of media learned in Three Dimensional Design 2. A higher level of creativity and skill is expected in the various media. The students build a portfolio of artwork, learn appropriate art vocabulary, learn historical/cultural information, make critical assessments, and connect art to life.

Prerequisite: Three Dimensional Design 2

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**COURSE TITLE:** Three Dimensional Design - Ceramics & Sculpture, Independent Studies

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**#17170**

**Grade Levels:** 11-12

**School:**

Branham, Prospect

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

This studio art class will cover the design and techniques learned in Three Dimensional Design 1 and 2. Students will work independently, meeting with the teacher for consultations. The objective of the course is to provide an opportunity for students to further develop their skills, creativity, and craftsmanship in ceramics and sculpture. Emphasis is placed on developing a working knowledge of the elements and principles of design, critiques, artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration.

Prerequisite: Three Dimensional Design 2

# Visual and Performing Arts

## COMPUTER EDUCATION

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**COURSE TITLE:** Computer Programming

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**#14100**

**Grade Levels:** 9-12

**School:**

Westmont

**Graduation Credit:**

Elective

**CSU/UC:**

Math (c), Electives (g)

This course is an introduction to computers and programming. The course introduces numerical systems, machine language, hardware, software, program design, algorithms, debugging, and Lego Mindstorms robots. The main programming language is Java. In addition, the course briefly touches on other languages including Scheme and Perl. Students use HTML to facilitate the use of Java applets. This is largely a laboratory course, and diligent students complete most assignments during class time. This course is excellent preparation for Advanced Placement Computer Science.

Prerequisite: Algebra 1 and keyboarding skills

**COURSE TITLE:** Computer Science A, Advanced Placement

---

**#14110**

**Grade Levels:** 10-12

**School:**

Westmont

**Graduation Credit:**

Elective

**CSU/UC Honors:**

Math (c), Electives (g)

This course focuses on programming methodology, data structures, and formal analysis of algorithms. Other topics include syntax, variables, constants, arithmetic expressions, logical expressions, program design, arrays, character strings, classes, iteration, sorting, and searching. It is the equivalent of a first introductory course in computer science at the college level and prepares students for the Advanced Placement Computer Science A and AB Exams. The A Exam is the equivalent of one semester of college level computer science. More advanced students may choose to prepare for the AB Exam, which includes additional topics in linked lists, trees, and other data structures. The AB exam is the equivalent of two semesters of college level computer science.

Prerequisite: Algebra 2, computer programming and keyboarding skills

# Visual and Performing Arts

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**COURSE TITLE:** Performing Arts Seminar (Introduction to Performing Arts)

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**17590**

**Grade Levels:** 9-12

**School:**

Branham

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Electives (g)

This course is open to all students, particularly those with no previous experience in performing arts. Students will explore the historical and cultural contexts of numerous performing arts, including instrumental and vocal music, dance, and drama worldwide. Students will be expected to write a number of critical analysis on various topics. Assessment will be project and performance based on using research, Internet, and library as resources for the culminating project each semester.

**COURSE TITLE:** Dance Performance

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**#13200**

**Grade Levels:** 11-12

**School:**

Branham

Prospect (9-12)

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This class covers basic dance technique with a focus on various styles of dance. There is also an introduction to dance history and dance appreciation. Students perform a recital at the end of the year. The class involves specific dance technique and requires students to demonstrate a knowledge of dance history and dance critique. Students have the opportunity to learn skills in choreography and apply these skills during a recital.

# Visual and Performing Arts

## MUSIC

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**COURSE TITLE:** World Percussion

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**#17470**

**Grade Levels:** 9-12

**School:**

Branham

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

World Percussion is a course open to all students regardless of prior experience in music. Students learn a wide variety of drumming traditions from Africa, Latin America, the Middle East, and Asia. American rudimentary drumming is also a primary focus of the course. The ensemble is comprised of those instruments necessary to meet a specific curricular objective, such as marching band in the fall and cultural traditions in the spring.

**COURSE TITLE:** Marching Band

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**#17490**

**Grade Levels:** 9-12

**School:**

Del Mar, Leigh

**Graduation Credit:**

Visual and Performing Arts

Marching Band is a one-semester course consisting of wind and percussion players and auxiliaries, such as flags, rifles, shields, etc. The students learn the basics of marching, field show movement, and how to execute intricate marching patterns. Students also learn terms and concepts associated with performing and the fundamentals of performance on the instrument or equipment of their choice. This ensemble performs frequently at the school site as well as at numerous off-campus venues. Attendance at summer rehearsals and a one-week band camp is required.

**COURSE TITLE:** Concert Band

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**#17520**

**Grade Levels:** 9-12

**School:**

Leigh

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This course is designed for students with some experience in performance of wind or percussion instruments. Students learn to read music notation, rhythmic notation, terms and concepts associated with performing, and the fundamentals of performance on the instrument of their choice. This ensemble performs periodically at the school site and possibly off campus.



# Visual and Performing Arts

## MUSIC

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### **COURSE TITLE:** Symphonic Band (Advanced Band)

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**#17660**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)  
Electives (g)

Symphonic Band is a performance-based ensemble open to students who have prior experience on their instrument and the ability to read music. The ensemble consists of wind instruments and percussion. Many styles of music are studied from classical to modern works. Study includes the care and cultivation of tone, building technique, responsible rehearsal habits, listening skills, and the ability to analyze and evaluate music and music performances.

### **COURSE TITLE:** Jazz Ensemble

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**#17580**

**Grade Levels:** 9-12

**School:**

Branham, Del Mar, Leigh,  
Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This course\* extends the skills developed in Symphonic Band and adds jazz technique to the classically trained musician. Emphasis is placed in the areas of jazz history, theory, and performance. Students enrolled in Jazz Ensemble learn the fundamental aspects of jazz through the performance of standard literature from the 1920's to the present. Students perform at two or more concerts and festivals per year. All performances are required.

Prerequisite: Concurrent enrollment in a school music ensemble and/or audition

\*One semester at Del Mar and Leigh, one year at the other schools

### **COURSE TITLE:** String Orchestra

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**#17480**

**Grade Levels:** 9-12

**School:**

Prospect

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

String Orchestra is open to all orchestral string musicians. The instrumentation of the ensemble consists of violin, viola, cello, and double-bass. A wide variety of literature is studied from early baroque to modern compositions. Emphasis is placed on proper technique, musicianship, building responsible rehearsal habits, and developing listening and music reading skills. This is a performance-oriented ensemble, and therefore, campus and community performances are a required component of the class.

# Visual and Performing Arts

## MUSIC

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**COURSE TITLE:** Wind Ensemble

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**#17650**

**Grade Levels:** 9-12

**School:**

Leigh

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),

Electives (g)

This advanced band course is designed to extend the development of the serious music student. This class explores concert repertoire of the 19th, 20th, and 21st centuries. The ensemble performs frequently and may include travel to festivals. Rehearsals outside the class period may be required to prepare for concerts and festivals.

Prerequisite: Audition

**COURSE TITLE:** Guitar

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**#17560**

**Grade Levels:** 9-12

**School:**

Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

This course develops the knowledge of guitar techniques with an emphasis on learning to read music and developing the abilities to learn and understand the playing techniques used in playing the classical guitar. Students must provide their own classical acoustic guitar.

**COURSE TITLE:** Treble Clef Choir

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**#17600**

**Grade Levels:** 9-12

**School:**

Branham

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This course develops the knowledge and skills that enable students to sing using proper vocal techniques. This choir performs three to four concerts during the school year, and participation is required.

Prerequisite: May require an audition

# Visual and Performing Arts

## MUSIC

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### **COURSE TITLE:** Concert Choir

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**#17540**

**Grade Levels:** 9-12

**School:**

Branham, Leigh, Prospect,  
Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

Students gain the knowledge and skills that enable them to sing all levels of music literature in a choir. This principle singing group performs at 5 to 6 concerts, festivals, or other events during the school year. Participation at all performances is required. All aspects of music literature are studied, ranging from early classics to modern music.

Prerequisite: May require an audition

### **COURSE TITLE:** Madrigals

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**#17550**

**Grade Levels:** 9-12

**School:**

Leigh, Prospect

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f),  
Electives (g)

This course extends students' knowledge and skills of singing performance and vocal technique. The class studies music from the 1600's to the present and studies voicings ranging from unison to 8-part harmony. All performances are required. This, the most advanced choir, performs many times throughout the year.

Prerequisite: Audition

### **COURSE TITLE:** Music Theory

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**#17730**

**Grade Levels:** 9-12

**School:**

Branham, Leigh

**Graduation Credit:**

Visual and Performing Arts  
General Electives

**CSU/UC:**

Visual & Performing Arts (f)

This course is designed to give students the necessary material to increase their musical knowledge of music and the components that comprise music. Students will learn through various exercises and writing assignments that will display their mastery of the structure of music. Through individual and group practices, students will develop the ability to critique both written and aural music. Students will be capable of composing their own composition for percussion ensemble at the conclusion of the class.

# Visual and Performing Arts

## MUSIC

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**COURSE TITLE:** Music Theory, Advanced Placement

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**#17630**

**Grade Levels:** 11-12

**School:**

Leigh

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC Honors:**

Visual & Performing Arts (f),

Electives (g)

Open to all students in the district, this Advanced Placement course provides instruction for the study of musical structure and music theory from the medieval period through contemporary music, including a broad range of ethnomusicology. The course prepares the student for the Advanced Placement Exam in Music Theory offered by the College Board.

# Visual and Performing Arts

## THEATER ARTS

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**COURSE TITLE:** Musical Theater 1

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**#17710****Grade Levels:** 9-12**School:**Del Mar, Westmont  
Branham (10-12)**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**Visual & Performing Arts (f)  
Electives (g)

Musical Theater 1 serves as an ambitious introduction to the principles, fundamentals, skills, and historical context of musical theater in the United States and abroad. The course is designed around and meets all of the California Content Standards for theater, dance, and music. Major units of study focus on the historical context of musical theater, music, and dance, artistic perception and critique, aesthetic valuing, creative expression, and connections and applications of the Performing Arts to career aspirations and opportunities.

**COURSE TITLE:** Drama 1 - Beginning Theater Arts

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**#17750****Grade Levels:** 9-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual &amp; Performing Arts (f)

This course introduces and provides experience in all aspects of theater arts. Students study basic principles of acting including character analysis, textual interpretation, voice, movement, collaboration, improvisation, and critical analysis of performance. Additionally, students gain a working knowledge of theater history and the multiple forms of theatrical performance, as well as the technical aspects of theater and theatrical design. Special emphasis is placed on theatrical vocabulary and codes of conduct, as well as the creation, production, direction, and performance of original student plays and scenes.

**COURSE TITLE:** Drama 2 - Theater Production and Performance

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**#17780****Grade Levels:** 10-12**School:**Branham, Del Mar, Leigh,  
Prospect, Westmont**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**Visual & Performing Arts (f)  
Electives (g)

This course focuses on styles of acting and performance and theatrical production. Students participate and perform in main stage productions as well as actor showcases. Class work focuses on scene study (including research, direction, stage management, character analysis, setting analysis, and design) and monologues from various theatrical eras and genres. Students perform in, direct, or manage a main stage production.

Prerequisite: Drama 1 - Beginning Theater Arts

# Visual and Performing Arts

## THEATER ARTS

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### **COURSE TITLE:** Drama 3 - Directing for the Stage

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**#17740**

**Grade Levels:** 11-12

**School:**

Leigh, Westmont, Prospect

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This course provides critical and theoretical opportunities for the student of theater. Students focus on production elements including directing skills, playwriting, and stage management as well as acting technique using the students enrolled in Drama 2 as the acting ensemble. This course integrates theater skills for the career-oriented student featuring an extensive amount of work in playscript analysis and the evolution of theatrical art, as well as the study of advanced acting techniques, character analysis, and auditioning methods. Students attend directing and playwriting seminars, direct portions of a full-length play in the fall, study, explore and finally present a lesson on the historical and cultural content of theater for a specific period in the winter, and produce several one act plays in the spring. Rehearsals for class projects and productions often go beyond the allotted class period, and students are expected to work outside of class time on a semi-regular basis.

Prerequisite: Drama 2 - Theater Production and Performance

### **COURSE TITLE:** Drama 4, Honors

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**#17770**

**Grade Levels:** 12

**School:**

Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC Honors:**

Visual & Performing Arts (f)

This advanced level course is designed to prepare the serious drama student for life in the theater beyond the high school arena. Through a rigorous series of creative projects, the Drama Honors student is challenged to work as an actor, a director, a theater technician, and a drama teacher. Students study advanced principles of acting and character analysis including an exploration of objectives, obstacles, choices and given circumstances, basic stage and rehearsal terms. Students teach theater etiquette to their peers, serve as a casting director during an audition process, and are expected to lead improvisations, exercises, and class discussions. From time to time, students are engaged in technical theater experiences and workshops. Students are also required to work on set construction outside of class.

Prerequisite: Drama 3 - Directing for the Stage

### **COURSE TITLE:** Technical Theater 1 - Theater Technology and Design

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**#17680**

**Grade Levels:** 9-12

**School:**

Leigh, Prospect, Westmont

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

This course develops knowledge of and experience in all the technical (non-performance) aspects of theatrical production. Special emphasis is placed on the elements of theatrical design (scenery, lighting, properties, sound, costumes, and hair and make-up), design analysis, stage management, and production management. Additionally, students gain hands-on experience in all aspects of technical theater. Students design or crew on two productions.

# Visual and Performing Arts

## THEATER ARTS

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**COURSE TITLE:** Technical Theater 2 - Stage Design

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**#17690**

**Grade Levels:** 10-12

**School:**

Westmont, Prospect

**Graduation Credit:**

Visual and Performing Arts

**CSU/UC:**

Visual & Performing Arts (f)

Technical theater 2 continues to refine those concepts and skills outlined in Technical Theater 1. The course broadens the focus of design to include lighting and costumes and expands the student's understanding of the inter-relatedness of the various design aspects. The topics covered include research techniques and tools, play analysis for visual interpretation, graphic techniques of expression including sketching, drafting, rendering and model building. Students are directly involved in the technical aspects of the productions as they design and construct sets, costumes and makeup; hang lights, create special effects; paint; and build props for the productions. Students learn specialized vocabulary and explore set design, lighting design, and costume design. Students reflect on design elements found in school and outside productions with design analysis and critiques. In the second semester, students explore mood, color, application and perspective. Problem solving, leadership, and working well under pressure are stressed as the students are exposed to the history of theatrical design and current trends in technical theater.

Prerequisite: Technical Theater 1 - Theater Technology and Design

# MIDDLE COLLEGE

Grade Levels: 11-12

The Middle College is a high school alternative for juniors and seniors. It offers students with college potential the opportunity to complete their high school requirements on the campus of West Valley College. The Program empowers students by giving them choices and treating them as adults. Designed to provide a supportive yet challenging adult educational setting, students will take college level courses while completing high school graduation requirements. This new educational environment will provide students with an opportunity to stimulate their academic development and spark their quest for learning.

For information please contact your Guidance Advisor.

# ENGLISH LEARNERS

## ENGLISH LANGUAGE DEVELOPMENT (ELD) - General Description

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Grade Levels: 9-12  
School: Del Mar,  
Prospect  
Westmont

ELD 1,2,3,4, ELD math, social science, and science provide content knowledge and English Language Development for students whose home language is not English. The skills taught in English Language Development content courses emphasize the vocabulary, grammar, and basic concepts of a specific academic content area. Primary language support is available based on resources at the school site.

## SDAIE CONTENT COURSES - General Description

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Grade Levels: 9-12  
School: Del Mar  
Prospect  
Westmont

Specially Designed Academic Instruction in English (SDAIE) methodology is used to teach core content in English, science, math, social science, and some electives to English Learners. Vocabulary, reading comprehension, and concept attainment are developed through use of specific teaching strategies and techniques. Course content and credit are the same as that of other Campbell Union High School District courses with the same title.



# SPECIAL EDUCATION

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**SERVICE TITLE: SERVICES FOR SPECIAL EDUCATION STUDENTS**

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Grade Levels: 9-12

The Campbell Union High School district provides a continuum of special education and related services for students with disabilities. Eligible students are provided services according to their Individualized Education Programs (IEP's) Placement decisions are made in conformity with the least restrictive environment (LRE) provisions.

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**SERVICE TITLE: SPECIAL DAY CLASS (SDC)**

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Grade Levels: 9-12

The Special Day Class (SDC) is designed to meet the academic, social, and behavioral needs of students identified as having exceptional needs. Students spend the majority of their school day in classes with specially trained teachers. Special education courses are offered in various content areas including reading, English, mathematics, social science, and science, for which students receive California high school graduation credit.

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**SERVICE TITLE: RESOURCE SPECIALIST PROGRAM (RSP)**

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Grade Levels: 9-12

The Resource Specialist Program (RSP) provides a continuum of services designed to meet the needs of students identified with special needs. All consideration is to provide services in the least restrictive environment (LRE). The continuum may range from being fully included in the general education program with specially designed support to direct instruction in RSP classes, based on identified areas of need. RSP students participate in the general education curriculum for the majority of their school day.

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**SERVICE TITLE: RELATED SERVICES**

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Grade Levels: 9-12

Related services are provided to eligible students that include but are not limited to speech and language, occupational therapy, vision, hard-of-hearing and adaptive physical education. These are related services and are not included in the course listings.

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**GRADUATION OPTIONS - SPECIAL EDUCATION**

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High School Diploma

Educational Achievement Certificate (EAC)

The EAC is an alternative to the high school diploma and documents the successful completion of an alternative course of study for students identified as having special need. It is an option available for those students who may not be able to meet the state and district graduation requirements of Algebra 1 and the California High School Exit Exam (CAHSEE).

Certificate of Completion (COC)

The COC is awarded to severely handicapped students who have successfully participated in an alternative curriculum that focuses on functional academics, community based instruction, independent living skills, and pre-vocational training as prescribed in his or her Individualized Education Program (IEP).

# BOYNTON HIGH SCHOOL

**PROGRAM TITLE:** BOYNTON HIGH SCHOOL

Grade Levels: 10-12

Boynton High School is Campbell Union High School District's alternative/continuation high school, providing an educational environment for students with multiple risk factors. The school is structured to address students' personal and academic needs, and students are given the opportunity to learn behaviors that will help them establish a pattern of success. Students are referred by the comprehensive high school administration and from the District Student Services Department. They are redesignated to grade levels based on their credit accrual, and they receive grades and credits on a six week cycle. A comprehensive guidance program, flexible scheduling, and varied delivery systems emphasize the relationship between school and work. Specialized programs give all students the opportunity and encouragement to succeed.

Boynton High School offers all courses necessary for high school graduation. Classes are offered from 8:30 a.m. through 1:55 p.m., and are 90 minutes in length. The open enrollment policy enables students to enroll at Boynton throughout the year.

**Programs and curricula offered at Boynton High School include:**

1. Work Experience
2. Central County Occupational Center
3. Special Education Services
4. State Requirements (Drivers Education and Health)
5. Independent Study
6. Home/Hospital Instruction

# CAMDEN COMMUNITY DAY SCHOOL

**PROGRAM TITLE:** CAMDEN COMMUNITY DAY SCHOOL

Grade Levels: 9-12

The goal of this program is to provide an academic program which assists students in being successful with life skills, academic achievement, and coping skills so that they may return to a regular school setting. The Camden Community Day School was established to serve the needs of exceptionally at-risk youth

**For information, call (408) 371-0960**

# CENTRAL COUNTY OCCUPATIONAL CENTER

**PROGRAM TITLE:** DESIGNATED INSTRUCTIONAL SERVICES (DIS)

Grade Levels: 11-12

Central County Occupational Center is the Regional Occupational Center providing career-technical education for juniors and seniors. Students choose from approximately 30 career programs and attend CCOC for 3 hours a day, from 8:30 - 11:30 a.m. or 12:30 - 3:30 p.m. CCOC is located at 760 Hillside Avenue, and transportation is provided. Students interested in this program should contact their guidance counselor.

**For general information, call CCOC at (408) 723-6407**

**CAMPBELL UNION HIGH SCHOOL DISTRICT  
3235 UNION AVENUE  
SAN JOSE, CA 95124  
(408) 371-0960**

**Campbell Union High School District  
Board of Education**

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Mr. Matthew Dean .....	Member
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**NON-DISCRIMINATION**

Campbell Union High School District schools do not discriminate regarding student choices of classes on the basis of gender, sex, race, color, religion, ancestry, national origin, ethnic group identification, marital or parental status, physical or mental disability, sexual orientation or the perception of one or more of such characteristics.