CAMPBELL UNION HIGH SCHOOL DISTRICT

COURSE CATALOG

2022-2023



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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

BOARD OF TRUSTEES

Kalen Gallagher, President

Stacey Brown, Board Clerk

Linda Goytia, Alternate Board Clerk

Kristiina Almeida, Member

Robert Varich, Member

NON-Discrimination Statement

Campbell Union High School District schools do not discriminate, regarding student choices of classes, based on 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.

Comprehensive High Schools

BRANHAM HIGH SCHOOL
1570 Branham Lane
San Jose 95118
(408)626-3407

DEL MAR HIGH SCHOOL
1224 Del Mar Ave
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

Alternative High Schools

BOYNTON HIGH SCHOOL
901 Boynton Avenue
San Jose 95117
(408)626-3404
Grade Level: 11-12

CUHSD Virtual Learning Academy
3235 Union Ave
San Jose 95124
(408)371-0960

CAMPBELL ADULT AND COMMUNITY EDUCATION (CACE)
1224 Del Mar Avenue
San Jose 95128
(408)626-3402

Comparison Chart of CUHSD Graduation Requirements and CSU, UC, Private and Community Colleges					
Subject	**CUHSD Graduation Requirements**	**California State University** ***Grade of "C" or better is required***	**University of California** ***Grade of "C" or better is required***	**Private College** ***Grade of "C" or better is required***	**Community College**
A - History/Social Science	2 years (20)	2 years 1 year - World Hist 1 year - US Hist	2 years 1 year - World Hist 1 year - US Hist	2-3 years 1 year - World Hist 1 year - US Hist Amer Gov	**No Subject Requirements** *Must be 18 years of age, a high school graduate or possess a high school proficiency test certificate. Students are most successful when they continue to take college preparatory courses. Students are also encouraged to enroll in honors, Advanced Placement and other rigorous courses.
B - English	4 years (40)	4 years	4 years	4 years	
C - Mathematics	3 years (30) *Validation rules apply**	3 years *Validation rules apply**	3 years *Validation rules apply**	3-4 years *College Prep each yr*	
D - Lab Sciences	3 years (30) Bio, Chemistry, & Physics *Validation rules apply**	2 years 1 year - Bio from "D" or "G" 1 year - Phy from "D" or "G" *Validation rules apply**	2 years *2 out of the 3 categories Biology, Chemistry and Physics*	3-4 years *Lab Sciences*	
E -Language Other than English	2 years (20) *Validation rules apply**	2 years *Same Language* *Validation rules apply**	2 years *Same Language* *Validation rules apply**	3-4 years *Same Language*	
F - Visual & Performing Arts	1 year (10)	1 year	1 year	VPA courses may count as electives	
G - College Prep Electives	1 year (10)	1 year *No introductory courses*	1 year *No introductory courses*	College prep courses in area of interest	
Government	1 semester (5)				
Economics	1 semester (5)				
Physical Education /Military Science	2 years (20)				
Career Tech Education or other specialized content areas	(10) credits unless 20 or more credits of Visual & Performing Arts have been earned				
General Electives	2 years (20)				
Total Credits needed for Diploma	220 Credits				

Additional Requirements *Validation applies only with marks of "C" or better		**Min GPA 2.0**	**Min GPA 3.0**	**Min GPA varies SAT or ACT (varies) SAT Subject Tests (varies)**	

***A note for fall 2021 and 2022 first-time freshman from the California State University system:** The California State University (CSU) has temporarily suspended the use of ACT/SAT examinations in determining admission eligibility for all CSU campuses for the 2021-2022 and 2022-2023 academic years. This temporary change of admission eligibility applies only for the fall 2021, winter 2022 and spring 2022, fall 2022, winter 2023 and spring 2023 admission cycles. For more information, please visit the First-Time Freshman Guidance and the First-Time Freshman Frequently Asked Questions pages. Please refer to the CSU Freshman Admissions website for information.

****A note about SAT/ACT in the University of California system:** UC will not consider SAT or ACT test scores when making admissions decisions or awarding scholarships. If you choose to submit test scores as part of your application, they may be used as an alternative method of fulfilling minimum requirements for eligibility or for course placement after you enroll.

Honors and Advanced Placement

The University grants special "honors" designation and extra credit in students' grade point average computation only to those high school honors level courses that meet the following criteria. The University strongly encourages that such courses be available to all sectors of the school population.

AP Courses: Advanced Placement (AP) courses, in the "a-g" subjects, are designed to prepare students for an Advanced Placement Examination of the College Board and are automatically granted honors status, even if they are offered at the 10th grade level (e.g., newly developed courses/exams in Human Geography and World History). For more information about AP, go to the College Board's web site at https://apcentral.collegeboard.org/

IB Courses: International Baccalaureate (IB) courses are advanced, A-G approved courses that prepare students for academics at the postsecondary level. IB courses are categorized into two different levels Standard Level (SL), one year courses and Higher Level (HL), two year courses. Most IB classes earn students a grade bump for their GPA. If students pass the exam with a 5, 6, or 7 (out of 7 total points) they can earn college credit depending on each university's IB credit policy. IB courses are based on critical thinking, student choice, and the development of a student's reading, writing, speaking, and listening skills. IB classes are offered at the 11th and 12th grade levels. The IB program at Del Mar is open to all. No applications or additional essays are required.

Other Honors Courses: Other honors courses (that are not AP, IB, or college courses) specifically designed by the high school are acceptable, *if they are in the disciplines of history, English, advanced mathematics, laboratory science, languages other than*

English, and advanced Visual and Performing Arts have distinctive features which set them apart from regular high school courses in the same discipline areas. These courses should be seen as comparable in terms of workload and emphasis to AP, IB, or introductory college courses in the subject. Acceptable honors level courses are specialized, advanced, collegiate-level courses offered at the 11th and 12th grade levels.

*Students may complete more than eight semesters of honors or AP coursework, but a maximum of eight extra points are factored into the CSU/UC GPA.

CAMPBELL UNION HIGH SCHOOL DISTRICT
Career Technical Education Pathway Sequencing Reference Sheet

Pathway	Introduction	Concentrator	Capstone	Schools Offered	*SVCTE Course(s)
Agriculture Mechanics	N/A	Agriculture Mechanics 1	Agriculture Mechanics 2	Westmont	N/A
Animal Science		Ag Biology **a-g credit**	Veterinary Science **a-g credit**	Westmont	Veterinary Science
Design, Visual, & Media Arts: *Animation*					Animation
Design, Visual, & Media Arts: *Digital Photography*	N/A	Digital Photography 1 **a-g credit**	Digital Photography 2 **a-g credit**	*CTE or Visual Art Credit:* Boynton & Del Mar *Visual Art Credit:* Branham & Westmont	N/A
Design, Visual, & Media Arts: *Video Production*	N/A	Digital Filmmaking 1 **a-g credit**	Digital Filmmaking 2 Digital Filmmaking 3 Digital Filmmaking 4 **a-g Credit**	*CTE or Visual Art Credit:* Boynton & Del Mar *Visual Art Credit:* Prospect & Westmont	1. Film and Video Production 2. Advanced Film and Video Production
Education	Careers in Education 1 **a-g credit**	Careers in Education 2 **a-g credit** (Boynton, only)	N/A	Boynton	
Emergency Response					1. Fire Technology 2. Fire Technology 2
Engineering Technology (PLTW)	Introduction to Engineering **a-g credit**	1. Principles of Engineering 2. Digital Electronics **a-g credit**	Engineering Design & Development **a-g credit**	Branham, Leigh & Westmont	Mechatronics
Fashion Design & Merchandising					1. Fashion Design 2. Adv. Fashion Design **a-g credit**
Financial Service	Introduction to Business Technology **a-g credit**	Business Accounting and Personal Finance 1 **a-g credit**	Business Accounting and Personal Finance 2 **a-g credit**	Prospect	N/A
Food Service & Hospitality		Foods 1 **a-g credit** ***(pending)***	Foods 2/Culinary Arts **a-g credit**	Boynton, Branham, Del Mar & Leigh	Culinary Arts
Machining & Forming Design	Manufacturing 1 **a-g credit**	Manufacturing 2	Manufacturing 3	Westmont	N/A

Marketing & Sales	Introduction to Business Marketing **a-g credit**	Principles of Marketing and Entrepreneurship **a-g credit**		Branham & Leigh	N/A
Networking					Cybersecurity
Patient Care	Biology *(recommended, not required*) **a-g credit**	Human Anatomy & Physiology *(recommended, not required)* **a-g credit**		Biology: Districtwide Human Anatomy & Physiology Branham, Leigh, Prospect & Westmont	1. Dental Assisting 2. Medical Assisting 3. Medical Science/ Health Careers 4. Pharmacy Technician 5. Sports Medicine **a-g credit**
Performing Arts: *Musical Theatre* *(note: can satisfy either CTE or VAPA)*	Musical Theatre 1 **a-g credit** Commercial Music Production 1 **a-g credit (pending UC approval)**	Musical Theatre 2 & 3 **a-g credit**	Musical Theatre 4 **a-g credit**	Musical Theatre Leigh, Westmont Commercial Music Production Del Mar	N/A
Performing Arts: *Theatre Arts* *(note: can satisfy either CTE or VAPA)*	Theatre Arts 1 **a-g credit** Theatre Production 1 (A,B) **a-g credit (pending UC approval)**	Theatre Arts 2 & 3 **a-g credit** Theatre Production 2 (A,B) **a-g credit (pending UC approval)**	Theatre Arts 4 **a-g credit** Theatre Production 3 (A,B) **a-g credit (pending UC approval)**	*CTE or Performing Arts Credit*: Leigh, Prospect & Westmont *Performing Arts Credit:* Branham, Del Mar & Prospect	N/A
Manufacturing & Product Development	Production Technology 1 **a-g credit**	Production Technology 2	Production Technology 3	Westmont	1. Metals Technology 2. Adv. Metals Technology **a-g credit**
Production & Managerial Arts: Technical Theatre	Technical Theatre 1 **a-g credit**	Technical Theatre 2 **a-g credit**	Technical Theatre 3 Technical Theatre 4 Honors **a-g credit**	Leigh, Prospect, Westmont	N/A
Public Safety					1. Forensics 2. Fire Forensics 3. Law Enforcement **a-g credit for all**

Building & Construction Trades					1. Construction Technology 2. Electrical Maintenance 3. Heating, Ventilation & Air Conditioning **a-g credit**
Software and Systems Development		Computer Science Discoveries **a-g credit** (Del Mar Only)	Computer Programming **a-g credit**	Branham, Del Mar, Leigh, Westmont	
Structural Repair & Refinishing					1. Auto Body Refinishing 2. Auto Body Repair
Systems Diagnostics					1. Auto Services 2. Adv. Auto Services
Systems Programming		GenYes Computer Science Principles **a-g credit for both**	AP Computer Science Principles AP Computer Science A **a-g credit for both**	Del Mar, Branham, Leigh, Westmont	Mobile App Design & Development **a-g credit**

*****Please note that **ALL SVCTE** courses are capstone level courses

- Should you have questions regarding CTE sequencing, please refer to your school counselor.
- 10 units of CTE credit are required for graduation, unless 20 or more credits of Visual & Performing Arts have been earned
- To be a CTE "completer" 20 units of a concentrator and capstone level coursework is required.

COURSE SELECTIONS

Staffing allocations for each comprehensive high school are determined by student course requests early in the spring semester. Course requests are reviewed by School Counselor, Department Chairs and Assistant Principals for appropriateness of course placement, credit load and Graduation/UC & CSU A-G completion needs. Once all student schedules are reconciled and the master schedule and staff assignments are set in the spring semester, subsequent student initiated schedule changes for the fall term will not be considered.

Administrator/school counselor initiated schedule changes only will be addressed during the first three weeks of the fall semester for clerical error, instructional misplacement, and staffing/enrollment change.

Important Notice: Course offerings are subject to change based on funding, enrollment, and/or available staffing at the school site.

HISTORY/SOCIAL SCIENCE

COURSE TITLE:	**World History**
Course # 12010 Course Term: Yearlong Grade Level: 10 Graduation Credit: Hist/Social Science CSU/UC: History(a) College-Prep Elective(g) School: Branham(10), Del Mar(12), Leigh(10), Prospect(10), Westmont (10)	This course covers a period of more than 250 years and highlights the intensification of a truly global history as people, products, diseases, knowledge, and ideas spread around the world as never before. The course begins with a turning point: the important transition in European systems of governance from divine monarchy to a modern definition of a nation-state organized around principles of the Enlightenment. The course ends with the present, providing ample opportunities for teachers to make connections to the globalized world in which students live. As students move through the years 1750 through the present, they consider how a modern system of communication and exchange drew peoples of the world into an increasingly complex network of relationships in which Europe and the United States exerted great military and economic power. They explore how people, goods, ideas, and capital traveled throughout and between Asia, Africa, the Americas, and Europe. They analyze the results of these exchanges. The ability to see connections between events and larger social, economic, and political trends may be developed by having students consider the most fundamental changes of the era.

COURSE TITLE:	**World History - Honors**
Course # 12020 Course Term: Yearlong Grade Level: 10 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Prospect *UC/CSU Weighted*	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.
COURSE TITLE:	**World History - Advanced Placement**
Course # 12140 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	AP World History is designed for the college-bound student seeking a challenging curriculum that will prepare them for college and the AP exam in May. The program enhances written, oral, and group skills. This course will fulfill the state and college requirements for world history. Units are developed around an overarching question and an overall unit theme, with the five essential themes of World History that are continually emphasized throughout the year. Academic skills emphasized include analytical writing, critical analysis of documents and viewpoints, Socratic seminars and evaluative thinking skills. Students will write on average one in class essay every two weeks.
COURSE TITLE:	**United States History**
Course # 12100 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Del Mar, Leigh, Prospect, Westmont	In this course, students examine major developments and turning points in American history from the late nineteenth century to the present. During the year, the following themes are emphasized: the expanding role of the federal government, the emergence of a modern corporate economy and the role of organized labor, the role of the federal government and Federal Reserve System in regulating the economy, the impact of technology on American society and culture, changes in racial, ethnic, and gender dynamics in American society, the movements toward equal rights for racial, ethnic, religious, and sexual minorities and for women, and the rise of the United States as a major world power. As students survey nearly 150 years of American history, they learn how geography shaped many of these developments, especially in terms of the country's position on the globe, its climate, and abundant natural resources. In each unit, students examine American culture, including religion, literature, art, music, drama, architecture, education, and the mass media.

COURSE TITLE:	United States History - Advanced Placement
Course # 12120 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials— their relevance to a given interpretive problem, reliability, and importance— and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format.
COURSE TITLE:	**American Experience US History**
Course # 12111 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) Electives(g) School: Leigh, Westmont	This college preparatory class combines the curriculum of US History with that of 11th grade American Literature. Students will study and explore US History and American Literature using specific pieces of literature and primary sources that are tied to key history events, movements, trends, and individuals. This course is designed to make real-life connections between literature, art, music, film, and politics. The goal is to take students on a journey that will help them think and write critically about these connections and make their learning experience come alive. The units are focused on the Common Core Standards and are aligned with the California State Standards for both 11th grade US History and English.
COURSE TITLE:	**IB History of the Americas HL Year 1**
Course # 12012 Course Term: 2 Years Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) Electives(g) School: Del Mar *UC/CSU Weighted*	IB History of the Americas HL is a two-year course that aims to promote an understanding of history as a discipline, including nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. The first year of the course will focus on the causes, course, and effects of six distinct periods and events prior to the 20th century in the Americas. This means that in addition to US history, the events and periods studied will also include the experiences and histories of Canada, Mexico, Central America, the Caribbean and South America.

COURSE TITLE:	IB History of the Americas HL Year 2
Course # 12013 Course Term: 2 Years Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: History(a) Electives(g) School: Del Mar *UC/CSU Weighted*	The second year of this course will focus on three 20th century topics: Causes, practices, and effects of War, The Great Depression, The Cold War, and Civil Rights Movements - Post 1945. These topics will be explored from a variety of perspectives from the Western Hemisphere, as well as from two additional regions of the world (Africa, Asia, Europe, or the Middle East).
COURSE TITLE:	**American Government**
Course # 12170 Course Term: Semester Grade Level: 10 & 12 Graduation Credit: Hist/Social Science CSU/UC: History(a) Electives(g) School: Branham, Del Mar(10), Leigh, Prospect, Westmont	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.
COURSE TITLE:	**Economics**
Course # 12111 Course Term: Semester Grade Level: 10 & 12 Graduation Credit: Hist/Social Science CSU/UC: Electives(g) School: Branham, Del Mar(10), Prospect, Westmont	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.
COURSE TITLE:	**AP Macroeconomics**
Course # 12340 Course Term: Semester Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: Elective(g) School: Leigh	This introductory college-level course focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops student familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

COURSE TITLE:	Street Law (A Course in Practical Law)
Course # 12330 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Hist/Social Science CSU/UC: Elective(g) School: Westmont	This is a college prep course, which is UC approved. Students will analyze, evaluate, and resolve legal disputes. Street Law helps build critical thinking and problem-solving skills as young people prepare for thoughtful, democratic engagement. Students will be asked to plan inquiries, gather evidence, draw logical conclusions, and articulate reasonable action steps that can be taken to solve problems and strengthen communities. Students will discuss issues of liability, privacy, email confidentiality, and when to be a good Samaritan and come to somebody's rescue.
COURSE TITLE:	**United States Government and Politics – Advanced Placement**
Course # 12400 Course Term: Semester Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: History(a) Electives(g) School: Branham, Leigh, Prospect, Westmont (yearlong) *UC/CSU Weighted*	This is a one-semester introductory college course in United States government and politics, or in comparative government and politics. In both subject areas, there is considerable variety among the courses offered by colleges. In terms of content, there is no specific college course curriculum that an AP course in United States Government and Politics or in Comparative Government and Politics must follow. Therefore, the aim of an AP course should be to provide the student with a learning experience equivalent to that obtained in most college introductory U.S. or comparative government and politics courses.
COURSE TITLE:	**Sociology**
Course # 12310 12300 (Semester) Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: Electives(g) School: Del Mar (11-12), Leigh (11-12) Prospect (Semester)	This course 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 interviews, simulations, role-playing and analysis of current events. Career choices in the field of Sociology will also be examined.

COURSE TITLE:	Psychology
Course # 12380 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Hist/Social Science CSU/UC: Electives(g) School: Branham, Del Mar, Leigh, Prospect (Semester), Westmont	Psychology is the study of behavior and the examples of areas to be studied include learning and intelligence, problem solving, emotions, motivation, perception, sensation, personality, ethics, and methods of research. Students will develop skills in psychological research and methods. Career choices in the field of psychology will also be examined.
COURSE TITLE:	**Psychology – Advanced Placement**
Course # 12381 Course Term: Yearlong Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: Electives(g) : Hist/Social Science School: Branham, Leigh, Westmont *UC/CSU Weighted*	The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.
COURSE TITLE:	**IB Psychology SL**
Course # 12382 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Hist/Social Science CSU/UC: College-Prep Electives(g) School: Del Mar *UC/CSU Weighted*	IB Psychology SL is a one-year course that asks the fundamental questions of “Why do people behave the way that they do in certain situations?” and “How can people change their behaviors?” The course emphasizes historically significant research and research methodology. Students are expected to develop their critical thinking and research skills throughout the course. Each student will be required to complete an Internal Assessment. The Internal Assessment (AI) includes researching background information, planning and conducting a research experiment.
COURSE TITLE:	**Ethnic Studies**
Course # 12015 Course Term: Yearlong Grade Level: 9 Graduation Credit: Hist/Social Science CSU/UC: College-Prep Electives(g) School: Del Mar	This is one of the recommended freshman courses in the new California History Social Sciences Framework. This course will serve as an introduction to the history and social science pathways, and will be designed using the six guidepost historical thinking. The course will allow students to explore issues of identity and culture, while also building their reading, writing, and analytical skills. Additionally, the course provides opportunities to engage with the community and help students develop community advocacy skills.

COURSE TITLE:	Integrated US History and Ethnic Studies
Course #12016 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Hist/Social Science CSU/UC: College-Prep Electives(g) School: Boynton	Ethnic studies is a year-long course focusing on the historical and contemporary experiences of people of color as well as systems of oppression through different mediums. This course provides an introduction to the study of race and racism within the United States in addition to inequalities distributed across age, gender and socio-economic groups. Students will analyze these historic movements through the lens of the major processes that have marked the formation of the United States – colonization, migration, and the activism and conflict to which these have led.
COURSE TITLE:	**Philosophy and Critical Thinking**
Course #12500 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: School: Prospect	This course introduces philosophy and the major concepts and thinkers in the history of philosophy. Students are introduced to issues in ethics duty, free will, justice, and knowledge through reading of primary and secondary philosophical tests.

ENGLISH LANGUAGE ARTS
&
ENGLISH LANGUAGE DEVELOPMENT

English Language Development (ELD) courses are intended for limited and non-English proficient students to develop their English language skills. Placement in the program is based on multiple-measures: initial assessment, state testing, district-wide local common assessments, and recommendations. The design of instruction at all levels is to support students in becoming independent, strategic, critical readers, writers, listeners and speakers who can communicate effectively for various purposes across all disciplines. The goal of the ELD program is for students to transition into the mainstream classes with minimal support. All ELD classes count toward graduation credit.

COURSE TITLE:	ELD English 1
Course # 17810 Reading - 10 Credits 17820 Writing - 10 Credits Course Term: Yearlong Grade Level: 9-12 Graduation Credit: 10 Credits for English 10 Credits for Elective CSU/UC: A-G Approved School: Branham, Del Mar, Leigh, Prospect, Westmont	In this two-period ELD Language Arts course, students at the emerging level of English learn to communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level standards aligned thinking with appropriate support. Students are provided interactive and collaborative opportunities to express their own ideas as well as to question, interpret, and evaluate the ideas of others.

COURSE TITLE:	**English 1**
Course # 11110 Course Term: Yearlong Grade Level: 9 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is a standards-based foundational course for freshmen, and is designed to provide an opportunity for students to continue their study of reading, writing, speaking, and listening. Students will read a variety of literary genres and forms. From paragraphs to essays, writing will be both analytical and creative, with a focus on the writing process. This program emphasizes a variety of critical thinking and language experiences to provide students with strong communication skills and the ability to succeed in and out of the classroom.
COURSE TITLE:	**English 1 - Honors**
Course # 11120 Course Term: Yearlong Grade Level: 9 Graduation Credit: English CSU/UC: English(b) School: Branham, Prospect, Westmont	English I Honors is an accelerated course designed for freshmen who are seeking a deeper understanding of fundamentals in English Language-Arts. This course teaches students to read closely, delve deeply, and analyze thoroughly both fiction and non-fiction works, and uses strong rhetorical and composition skills. Students will read novels, epic poetry, assorted poems, and a Shakespearean drama. Students are expected to write five-paragraph informative/explanatory, narrative, and argumentative essays throughout the year. Oral communication will be emphasized throughout the class, small group, and formal presentations. Creative projects will also be offered throughout the year. All essays, discussions and projects will emphasize critical thinking skills and literary analysis. *Del Mar equivalent is English 1 ICAP, seen below.*
COURSE TITLE:	**ELD English 2**
Course # 17850 Reading - 10 Credits 17860 Writing - 10 Credits Course Term: Yearlong Grade Level: 9-12 Graduation Credit: 10 Credits for English 10 Credits for Elective CSU/UC: A-G Approved School: Branham, Del Mar, Leigh, Prospect, Westmont	As students' progress to the expanding level in English language proficiency, they move towards using the English language in more complex, cognitively demanding situations. In this two-period ELD Language Arts course, students will further learn and communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level thinking with appropriate support. Through interactive instruction based on the ELD state standards, students are provided opportunities to express their own ideas as well as to question, interpret, and evaluate the ideas of others.

COURSE TITLE:	**English 2**
Course # 11140 Course Term: Yearlong Grade Level: 10 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	Expanding on the skills developed in English 1, this course develops student mastery of reading comprehension, analysis of complex texts, and vocabulary development. Students will write for a variety of purposes and audiences in the forms of informative/explanatory, argumentative, and narrative texts. Students will continue to build on their research skills, uses of standard English language grammar and conventions, and speaking and listening techniques. The central thematic focuses on this course are derived from diverse world literature that represents various global heritages and cultures, so that students increase their understanding of individual and cultural experiences. Substantial reading is required and outside reading and writing are expected.
COURSE TITLE:	**English 2 - Honors**
Course # 11410 Course Term: Yearlong Grade Level: 10 Graduation Credit: English CSU/UC: English(b) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted (pending)*	Expanding on the skills developed in English 1/1H, this rigorous course will provide a study of multiple genres of challenging literature from diverse cultures around the world. Additionally, continued development of writing skills will focus primarily on composition, analysis, and evidence. Students will spend considerable time developing skills in the following areas: response to an analysis of literature; persuasion and argumentation; and evidence gathering and evaluation. Through various activities including group work, research, and in-depth discussion, students will further develop the reading, writing, speaking, listening, and critical thinking skills essential to success in their endeavors. Substantial reading and writing will be completed independently outside of class. Summer work may be required. *Del Mar equivalent is English 2 ICAP, seen below.*
COURSE TITLE:	**English 2 – International College Accelerated Program (ICAP)**
Course # 11141 Course Term: Yearlong Grade Level: 10 Graduation Credit: English CSU/UC: English(b) School: Del Mar	English 2 ICAP is the second-year preparatory English course offering for the IB Language and Literature course. This course emphasizes a content of global experience while working on logical organization and written communication, analytical writing as required for IB assessments, oral commentary and presentation.

COURSE TITLE:	ELD English 3
Course # 17890 Reading - 10 Credits 17900 Writing - 10 Credits Course Term: Yearlong Grade Level: 9-12 Graduation Credit: 10 credits for English 10 credits for Electives CSU/UC: A-G Approved School: Branham, Del Mar, Leigh, Prospect, Westmont	In this two period ELD Language Arts course, students nearing reasonable fluency in English will use the language in more complex, cognitively demanding situations with increasing independence. ELD 3 prepares students to learn and communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level thinking with appropriate support. Students are provided with interactive instruction based on California's ELD standards and activities, a print-rich environment, and public speaking experiences in order to prepare students for on grade level English and other content classes.
COURSE TITLE:	**English 3**
Course # 11370 Course Term: Yearlong Grade Level: 11 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	In English 3, students read and analyze American literature from a variety of historical, political, and cultural perspectives. These literary works include both non-fiction (journals, expository articles, speeches) and fiction (poetry, novels, drama). Students are encouraged to make connections between literature and history while continuing to refine and practice their skills writing argumentative, informative/explanatory, and narrative compositions. Students also learn to formulate an argument, research information, assess the relevance and credibility of a source, cite a variety of sources and format a document. In both oral presentations and written work, students demonstrate their ability to appeal to their audience logically, ethically, and emotionally. Outside reading and writing assignments further develop students' vocabulary and critical thinking.
COURSE TITLE:	**English 3 Honors**
Course # 11430 Course Term: Yearlong Grade Level: 11 Graduation Credit: English CSU/UC: English(b) School: Prospect, Westmont *UC/CSU Weighted*	This junior level honors course examines American literature from its colonial origins to the present, including changes in language, subject matter, philosophies, and style. The literature and compositions are arranged to provide a focus for critical thinking and discussion. This course also includes creative and expository writing, literary oral presentation skills, SAT preparation, grammar, punctuation, and writing style instruction. Students will be challenged to class discussions and outside reading; and will learn to explore, as critical thinkers, the major themes of American literature and history. Summer work may be required.

COURSE TITLE:	**English 3- Advanced Placement- English Language & Composition**
Course # 11190 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: English CSU/UC: English(b) School: Branham, Leigh (11-12), Prospect (11-12), Westmont *UC/CSU Weighted*	An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Course materials and writing assignments prepare students to take the Advanced Placement Exam. English Advanced Placement is an intensive course designed for students who are ready for college writing.
COURSE TITLE:	**American Experience English 3**
Course # 11371 Course Term: Yearlong Grade Level: 11 Graduation Credit: English CSU/UC: English (b) School: Leigh, Westmont	This college preparatory class combines the curriculum of US History with that of 11th grade American Literature. Students will study and explore US History and American Literature using specific pieces of literature and primary sources that are tied to key history events, movements, trends and individuals. This course is designed to make real-life connections between literature, art, music, film and politics. The goal is to take students on a journey that will help them think critically about these connections and make their learning experiences come alive. The units focus on the Common Core Standards and align with the California State Standards for both 11th grade Us History and English. ***Must be taken with American Experience US History.*
COURSE TITLE:	**Ethnic Literature**
Course # 11500 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: English CSU/UC: English(b) School: Branham	The course will focus on developing analytical skills; writing and speaking skills; and research methods through a critical analysis of a wide variety of historical and contemporary issues regarding race, ethnicity, and identity in the United States by utilizing fiction and non-fiction texts. This course fulfills one year of English or A-G credit towards graduation. **Prerequisite:** English 2/2H (for 11th graders) or English 3/AP Language (for 12th graders)

COURSE TITLE:	IB Language and Literature HL
Course # 11142 (Year 1) 11143 (Year 2) Course Term: Two Years Grade Level: 11 & 12 Graduation Credit: English CSU/UC: English(b) School: Del Mar *CU/CSU Weighted*	The International Baccalaureate Language A: English Language and Literature HL course is a two-year course consisting of four parts: Language in Cultural Context, Language and Mass Communication, Literature: Texts and Context, and Literature: A Critical Study. Students will study and analyze a variety of texts from historical speeches and contemporary mass media with an international focus, such as George Orwell's 1984 (English), Albert Camus' The Stranger in translation (French- Algerian), Margaret Atwood's The Handmaid's Tale (Canadian) Achebe's Things Fall Apart (Nigerian). The course will prepare students for the oral and written IB exams and serve as excellent preparation for rigorous college study. Students who take IB Language and Literature HL and pass the exam with a score of 5 or higher (on a 7-point scale) can earn college credits at UC, CSU, and many private colleges and Universities. **Prerequisite:** English 9 and 10; Students must demonstrate proficiency in English 10 or ICAP English 10.
COURSE TITLE:	**English 4**
Course # 11380 Course Term: Yearlong Grade Level: 12 Graduation Credit: English CSU/UC: English(b) School: Leigh, Prospect, Westmont	World Contemporary Literature and Communication is a standards-based course for seniors. Students will explore major literary time periods of the world with a special focus on how these influenced Western civilization and contemporary authors. Additionally, students will work with a number of expository texts, reading and rhetorical writing strategies needed for success in college, vocational programs, the workplace, and the global curriculum offers a variety of activities such as research, discussion, simulations, individual and group work, and projects. Significant outside reading and writing assignments are required.
COURSE TITLE:	**English 4 - Advanced Placement- English Literature & Composition**
Course # 11200 Course Term: Yearlong Grade Level: 12 Graduation Credit: English CSU/UC: English(b) School: Branham, Leigh, Prospect Westmont *UC/CSU Weighted*	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, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The pieces chosen invite and reward rereading and do not yield all (or nearly all) of their pleasures of thought and feeling the first time through.

COURSE TITLE:	**ELD English Enrichment**
Course # 17950 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: General Electives CSU/UC: Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one year course designed to offer support to EL, especially LTEL students in Expanding and Bridging levels, enrolled in an on-level English to succeed. The course is based on the state standards for ELA/ELD to engage students in critical reading, academic writing, and presentation skills and strategies.
COURSE TITLE:	**Expository Reading and Writing Curriculum (ERWC)**
Course # 11130 Course Term: Yearlong Grade Level: 12 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar	The goal of the Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in a yearlong, rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. The cornerstone of the course - the assignment template - offers a process for helping students read, comprehend, and respond to non- fiction and literary texts. Modules also provide students research methods and documentation conventions. Students are expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They read closely to examine the relationship between an author's argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other non-fiction texts. The course materials also include modules on two full-length works (one novel and one work of nonfiction). Written assessments and holistic scoring guides conclude each unit. *Equivalent to English 4*

COURSE TITLE:	Public Speaking
Course # 11210 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Electives(g) School: Branham, Westmont	This course develops effective speaking skills in a wide variety of formats including persuasion, expository speaking, oral interpretation, debate, and impromptu formats. Students write, deliver, and critique several speeches throughout the year. This performance-based course builds self-confidence as well as research, group discussion, and critical thinking skills, which are essential for today's fast-paced, competitive society.
COURSE TITLE:	**Journalism**
Course # 11220 Course Term: Yearlong Grade Level: 9-12 Grad Credit: Elective/Special Content CSU/UC: Electives(g) School: Branham, Leigh, Prospect(11-12), Westmont	This elective course offers a variety of experiences that teach students how to produce the print and/or online versions of a school newspaper. The course develops skills in news and feature writing, editing, layout, and desktop publishing, and improves the students' writing, mechanics, structure, and style. The integration of photography, artwork, and advertising round out the curriculum of this course.
MATHEMATICS	
COURSE TITLE:	**Integrated Mathematics 1**
Course # 14053 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one-year college prep course that meets state graduation requirements. This course includes the following topics: An overview of functions (linear, quadratic and exponential) in function form, graphs, and tables; linear equations and inequalities in one and two variables; geometric constructions; congruence and rigid motions; geometric relationships and properties of triangles, parallel lines and quadrilaterals; analyzing and interpreting data in one and two variables.

COURSE TITLE:	**Integrated Mathematics 2**
Course # 14054 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one-year college prep course that meets state graduation requirements. This course includes the following topics: similarity; coordinate and three-dimensional geometry; trigonometric ratios; quadratic functions; quadratic equations; probability. **Prerequisite:** Integrated Math 1/Algebra 1
COURSE TITLE:	**Integrated Mathematics 3**
Course # 14056 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	The following units will be covered in Integrated Math 3: statistics (random processes), circles and conics, trigonometric functions, exponential functions, functions capstone, rational and polynomial expressions. This course will complete the 3-year Integrated Math series and includes remaining High School Common Core Math Standards that are not covered in Integrated Math 1 and Integrated Math 2. **Prerequisites**: Integrated Math 2/Geometry
COURSE TITLE:	**Integrated Mathematics 3 STEM**
Course # 14057 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is designed for students who are interested in pursuing STEM fields in college. This course is an enhanced course and not an honors course. It includes all topics covered in Integrated Math 3, as well as vectors, complex numbers and advanced trigonometric function analysis. The following units will be covered in Integrated Math 3 STEM: statistics (random processes), circles and conics, trigonometric functions, vectors, exponential functions, functions capstone, rational and polynomial expressions. This course will complete the 3-year Integrated Math series and includes the remaining High School Common Core Math Standards and a variety of the “plus” standards that are not covered in Integrated Math 1 and Integrated Math 2. **Prerequisite:** Integrated Math 2/Geometry

COURSE TITLE:	**Pre-Calculus/Integrated Mathematics 4**
Course # 14065 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Mathematics CSU/UC: Math(c), college prep elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one-year college prep course that extends the Integrated Mathematics series. The course will include a deeper exploration of trigonometric, rational, piecewise, exponential and logarithmic functions. Students will explore applications of complex numbers and vectors as well as broaden their understanding of statistical regression and probability. **Prerequisite:** Integrated Math 3 or Integrated Math 3 STEM
COURSE TITLE:	**IB Mathematics: Applications and Interpretations SL**
Course # 14064 Course Term: Yearlong Grade Level: 12 Graduation Credit: Mathematics, General Electives CSU/UC: Mathematics(c) School: Del Mar *UC/CSU Weighted*	Mathematics: Applications and interpretation SL and HL is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: Applications and interpretation will be those who enjoy mathematics best when seen in a practical context. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology, and design, for example. **Prerequisite:** Proficiency in Integrated Math 3
COURSE TITLE:	**Senior Math Seminar**
Course # 14150 Course Term: Yearlong Grade Level: 12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Leigh, Prospect	This elective math course is intended for 12th graders, who have recently completed Integrated Math 3, and serves to unify concepts from previous mathematical studies and assists students in clarifying their conceptual understanding of algebra and geometry. The topics included in this course are those identified by the California State University system as essential entry-level skills necessary for successful completion of a four-year degree. The course will focus on concepts involving number sense, both linear and non-linear algebra, and geometry.

COURSE TITLE:	Calculus AB Advanced Placement
Course # 14210 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c), College-Prep Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont *UC/CSU Weighted*	Calculus AB and Calculus BC are primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The courses emphasize a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically and verbally. Students explore connections among the various representations of limits, derivatives, and integrals. **Prerequisite:** Pre-Calculus/Integrated Math 4 or Integrated Math 3 STEM
COURSE TITLE:	**Calculus BC Advanced Placement**
Course # 14220 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c), Elective(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require a similar depth of understanding. Both courses are intended to be challenging and demanding. Broad concepts and widely applicable methods are emphasized. In addition to the topics covered in Calculus AB, students in Calculus BC learn advanced integration techniques and analyze polar, parametric, and vector functions. Calculus BC also includes the study of power series and various methods to determine convergence or divergence of a series. Students become familiar with Maclaurin series for common function and general Taylor series representations. Additional topics include the radius and interval of convergence and operations on power series. **Prerequisite:** Calculus AB, Advanced Placement

COURSE TITLE:	Statistics
Course # 14180 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c), Elective(g) School: Branham, Leigh, Prospect, Westmont	Statistics introduces students to elements of statistical concepts, techniques, and tools for collecting, analyzing, and drawing conclusions from data as applied in business. The course focuses on the student as a user and producer of statistics to inform and support decision-making in business, with emphasis on the use of business-oriented computer statistical instruments. Students are exposed to four broad conceptual themes: 1. Exploring Data: describing patterns and departures from patterns 2. Sampling and Experimentation: planning and conducting a study 3. Anticipating Patterns: exploring random phenomena using probability and simulation 4. Statistical Inference: estimating population parameters and testing hypotheses Students who successfully complete the course will learn how to organize and describe distributions of data using many different mathematical methods. Given visual displays of the distribution of several variables, students will compare and contrast the distributions. Students will determine and discuss the center, spread, symmetry, skewed distributions, and outliers of given data. **Prerequisite:** Integrated Math 3 or Integrated Math 3 STEM
COURSE TITLE:	**Statistics - Advanced Placement**
Course # 14170 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c), Elective(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP Statistics course lends itself naturally to a mode of teaching that engages students in constructing their own knowledge. For example, students working individually or in small groups can plan and perform data collection and analyses where the teacher serves in the role of a consultant, rather than a director. This approach gives students many opportunities to think through problems, make decisions, and share questions and conclusions with other students as well as with the teacher. Important components of the course should include the use of technology, projects and laboratories, cooperative group problem- solving, and writing, as a part of concept-oriented instruction and assessment. This approach to teaching AP Statistics will allow students to build interdisciplinary connections with other subjects and with their world outside school. **Prerequisite:** Integrated Math 3 or Integrated Math 3 STEM

COURSE TITLE:	Computer Science A - Advanced Placement
Course # 14110 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics, Applied Arts, CTE CSU/UC: Mathematics (C) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. **Prerequisite:** Integrated Math 3/Integrated Math 3 STEM, or Algebra 2 and Computer Programming or Keyboarding Skills
COURSE TITLE:	**ELD Math Enrichment**
Course # 17965 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: None School: Leigh, Westmont	ELD Math is a course for students who are identified as English Learners. This course will support students enrolled in on-level mathematics by providing designated ELD instruction through the study of mathematics.
COURSE TITLE:	**Math Workshop**
Course # 14370 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: None School: Del Mar	Math Workshop is a support class that is taught in tandem with IM1 and IM2 courses. This course will support students enrolled in on-level mathematics by pre-teaching and re-teaching content as it is related to the California Standards for Mathematics.

COURSE TITLE:	Mathematical Reasoning with Connection (MRWC)
Course # 14066 Course Term: Yearlong Grade Level: 12 Graduation Credit: Mathematics CSU/UC: Mathematics(g) *Pending* School: Prospect	The MRWC course is designed as a 4th year mathematics course that will prepare students for college-level mathematics, including pre-calculus, calculus, and other quantitative reasoning courses. A consortium of mathematics professors developed the MRCW curriculum and educators from CSU, UC, and CCC to ensure it included standards listed in the Precalculus Chapter of the Mathematics Framework and combines concepts of trigonometry, geometry, and algebra in a way that is substantially different from a traditional pre-calculus course. **Prerequisite**: Integrated Math 3

SCIENCE

Campbell Union High School District offers a variety of science courses for our students, but all students must take The Living Earth (formerly called Biology), Chemistry in the Earth System (formerly Chemistry) and Physics of the Universe (formerly Physics). These courses are taken in the order listed above, with the exception of Del Mar High School. Del Mar's pathway is Physics of the Universe, Chemistry in the Earth System and The Living Earth. Students are encouraged to take additional science courses concurrently or after completing this three-year course pathway.

COURSE TITLE:	The Living Earth
Course # 13540 Course Term: Yearlong Grade Level: 9; 11 at Del Mar ONLY Graduation Credit: Biological Science CSU/UC: Lab Science(d), Electives(g) School: Branham, Del Mar(11), Leigh, Prospect, Westmont	The Living Earth is a college preparatory, lab science class aligned with the Next Generation Science Standards. This is the first course in the three-course science pathway at CUHSD, except for Del Mar, where this course is the final course in the series. NGSS Performance Expectations are used from the Life Science and Earth Science Disciplinary Core Ideas with Scientific and Engineering Practices, Crosscutting Concepts, and California's unique Environmental Principles and Concepts. Inquiry-driven laboratory exercises are an integral part of the curriculum in this course and the other two courses in the three-series course pathway.

COURSE TITLE:	Biology - Advanced Placement
Course # 13720 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Biological Science CSU/UC: Lab Science(d), Electives(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. After showing themselves to be qualified on the AP Exam, some students, in their first year of college, are permitted to take upper-level courses in biology or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and will be able to undertake other courses to pursue their majors. The two main goals of the Biology AP course are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. The ongoing knowledge explosion in biology makes these goals even more challenging. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.
COURSE TITLE:	**IB Biology HL**
Course # 13551 (Year 1) 13552 (Year 2) Course Term: Two Years Grade Level: 11 & 12 Graduation Credit: Science, General Elective Year 2 CSU/UC: Lab Science(d), College-Prep Electives(g) School: Del Mar *UC/CSU Weighted*	IB Biology HL is a two-year course that is designed to be the equivalent of a two-semester college introductory biology course. The goals of IB Biology HL are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Students will learn about biology in an internationally relevant context. Through hands-on experiences, students will develop the skills of a scientist. A student's IB score for this course is based on three external assessments and one internal assessment. The external assessments are written exams consisting of multiple-choice and free-response questions; these tests are taken at the end of the second year. The internal assessment requires each student to design their own experiment related to biology concepts and report their results and conclusions in a report similar to a paper published in a scientific journal. **Prerequisite:** Successful completion of Physics of the Universe and Chemistry in the Earth System.

COURSE TITLE:	Chemistry in the Earth System
Course # 13550 Course Term: Yearlong Grade Level: 10 Graduation Credit: Chemistry CSU/UC: Lab Science(d), college prep electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	Chemistry in the Earth's System is a college preparatory, lab science class aligned with the Next Generation Science Standards. This is the second course in the three-course science pathway at CUHSD. NGSS Performance Expectations are used from the Physical Science and Earth Science Disciplinary Core Ideas with Scientific and Engineering Practices, Crosscutting Concepts, and California's unique Environmental Principles and Concepts. Inquiry-driven laboratory exercises are an integral part of the curriculum in this course and the other two courses in the three-series course pathway.
COURSE TITLE:	**Chemistry in the Earth System Honors**
Course # 13590 Course Term: Yearlong Grade Level: 10 Graduation Credit: Chemistry CSU/UC: Lab Science(d), college prep electives(g) School: Leigh *UC/CSU Weighted*	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 placed 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-based chemistry, equilibrium, calculations, oxidation-reduction reactions, electrochemistry, organic chemistry, and descriptive chemistry. **Prerequisite**: Recommended successful completion of IM1
COURSE TITLE:	**Chemistry - Advanced Placement**
Course # 13600 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Chemistry CSU/UC: Lab Science(d), college prep electives(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general Chemistry is required. Completion or concurrent enrollment in IM3 STEM or higher math. **Prerequisite**: Completion of or concurrent enrollment in Chemistry in the Earth **Recommended:** Completion of or enrollment in IM 3/ third year of math or higher

COURSE TITLE:	Physics of the Universe
Course # 13560 Course Term: Yearlong Grade Level: 11; 9 at Del Mar ONLY Graduation Credit: Physis CSU/UC: Lab Science(d), college prep electives(g) School: Branham, Del Mar(9), Leigh, Prospect, Westmont	Physics of the Universe is a college preparatory, lab science class aligned with the Next Generation Science Standards. This is the final course in the three-course science pathway at CUHSD, except for Del Mar, where this course is the first course in the series. NGSS Performance Expectations are used from the Physical Science and Earth Science Disciplinary Core Ideas with Scientific and Engineering Practices, Crosscutting Concepts, and California's unique Environmental Principles and Concepts. Inquiry-driven laboratory exercises are an integral part of the curriculum in this course and the other two courses in the three-series course pathway.
COURSE TITLE:	**Physics 1 - Advanced Placement**
Course # 13711 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Physics CSU/UC: Lab Science(d), Electives(g) School: Branham, Leigh,Prospect, Westmont *UC/CSU Weighted*	Physics 1, Advanced Placement, is part of the College Board's redesign of Physics B, Advanced Placement, and currently an approved AP course in our district. The Physics 1, Advanced Placement course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, and mechanical waves and sound. It will also introduce electric circuits. **Prerequisite:** Successful completion of The Living Earth and Chemistry in the Earth System.. **Co-requisite:** Enrollment in IM3 or higher math.
COURSE TITLE:	**Physics 2 - Advanced Placement**
Course # 13712 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Science CSU/UC: Lab Science(d), college prep electives(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	Physics 2, Advanced Placement, is the second course in the College Board's redesigned Algebra based introductory college level physics course. It follows the currently approved AP Physics 1 course. Students explore the principles of fluids, thermodynamics, electricity, magnetism, advanced electrical circuits, physical and geometric optics, and a variety of modern physics topics such as quantum mechanics, atomic physics and nuclear physics. Continuing the focus on inquiry-based learning fostered in AP Physics 1, students will continue to develop their scientific critical thinking and reasoning skills. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe/AP Physics 1, or concurrent enrollment in the third course of the three-year series. **Co-Requisite:** Completion of, or concurrent enrollment in IM3 Stem or higher math.

COURSE TITLE:	Astronomy with Lab
Course # 13970 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Science CSU/UC: Lab Science(d), Electives(g) School: Prospect	This course covers early astronomy to modern astronomy, including the motions of the planets, stars, and galaxies. It also covers planet formations and the life cycles of the stars. Students perform lab activities and do projects based on the content. Students have access to the observatory to accomplish course requirements. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series. **Co-requisite**: Enrolled in IM2 or higher math.
COURSE TITLE:	**Environmental Science – Advanced Placement**
Course # 13620 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: College Prep Elective CSU/UC: Lab Science(d), College Prep Electives(g) School: Branham, Leigh, Westmont *UC/CSU Weighted*	The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Due to the quantitative analysis that is required in the course, students should also have taken at least one year of Algebra. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.
COURSE TITLE:	**Human Anatomy and Physiology**
Course # 13640 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: College Prep Elective CSU/UC: Lab Science(d), College Prep Electives(g) School: Branham, Leigh, Prospect, Westmont	In this laboratory life science course, students study the anatomy and physiology of the human body. Students also develop an understanding of the structure, function, and relationships of body systems. Topics include cell physiology and the structural and functional organization of the human body systems: skeletal and muscular systems, nervous system and senses, circulatory system, respiratory system, endocrine system, integumentary system, digestive system and the reproductive system. The study of other organisms is often included to complement student understanding of the human body. Laboratory investigations include dissection, microscopic observation, and testing capabilities of the various body systems. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	IB Environmental Systems and Society
Course # 13745 Course Term: Yearlong; offered every other year during even-numbered years (e.g. 2020-2021; 2022-2023; etc.) Grade Level: 11 or 12 Graduation Credit: General Elective CSU/UC: Lab Science(d), College-Prep Elective(g) School: Del Mar	This one-year course gives students an understanding of the relationship between the environment and society. The goal of the course is to allow students to learn about the wide range of environmental issues affecting Earth. This course will explore the scientific, ethical and political aspects of environmental issues. The course covers concepts such as human population and Earth's resources, Earth's carrying capacity (how much life can Earth support), conservation of wildlife and natural ecosystems, pollution management, climate change, environmental values and cultures, and sustainability. This course is both lab-based and field-based, students will collect data inside and outside to make informed decisions to propose solutions to problems related to the environment. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.
COURSE TITLE:	**IB Sports Exercise and Health Science**
Course #13025 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: General Elective CSU/UC: Science(d), College-Prep Elective(g) School: Del Mar	Sports Exercise and Health Science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course within group 4, with aspects of biological and physical science being studied in the specific context of sports, exercise and health. The subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century. Apart from being worthy of study in its own right, SEHS is a good preparation for courses in higher or further education related to sports fitness and health, and serves as useful preparation for employment in sports and leisure industries. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	Forensic Science
Course # 13735 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: General Elective CSU/UC: Science(d), Elective(g) School: Del Mar	This one-year introductory elective science course will allow students to apply the many disciplines of scientific study such as biology, anatomy, chemistry, physics, and earth science to solving crimes. The course covers concepts such as fingerprinting, handwriting analysis, ballistics, blood typing, hair and fiber examination, and DNA analysis. This course is lab based and therefore students engage in scientific methods to collect and manipulate data, making informed decisions using critical-thinking, and scientific problem solving. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

Languages other than English (LOTE)

COURSE TITLE:	French 1
Course # 14510 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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**
Course # 14520 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	French 2 students continue their study of the five communication skills: Listening, speaking, reading, writing, and cultural awareness of rench. 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
Course # 14530 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English, General Elective CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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
COURSE TITLE:	**IB French SL**
Course # 14531 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit:Languages other than English General Elective CSU/UC: (LOTE)(e), Elective(g) School: Del Mar *UC/CSU Weighted*	IB French Standard Level is a yearlong course that emphasizes advanced communication in all areas of the language through debates, discussions, essays, and authentic texts and situations. Emphasis is placed on internationalism, global issues, and cross-cultural connections. Student's language skills will be developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. The material chosen will enable students to develop mastery of language skills and intercultural understanding. **Prerequisite:** Students must demonstrate proficiency through the equivalent of French 3.
COURSE TITLE:	**French 4**
Course # 14540 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Languages other than English, General Elective CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Prospect	French 4 increases student 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
Course # 14560 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Westmont *UC/CSU Weighted*	The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. The course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. The course engages students in an exploration of culture in both contemporary and historical contexts. The course develops student awareness and appreciation of products, both tangible (e.g., tools, books, music) and intangible (e.g., laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products). **Prerequisite:** French 3
COURSE TITLE:	**Mandarin Chinese 1**
Course # 14950 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Prospect, Westmont	Mandarin Chinese 1 is an introductory course to the Mandarin language and the culture of China. Students are introduced to basic structures and vocabulary dealing with everyday situations that enable them to communicate effectively in Mandarin at a basic level. Students start developing all five-communication skills: listening, speaking, reading, writing, and cultural awareness.
COURSE TITLE:	**Mandarin Chinese 2**
Course # 14960 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Prospect, Westmont	Mandarin Chinese 2 is a second year course for students who have finished Mandarin 1 or have prior equivalent Mandarin Chinese experience. In this course, students will continue to develop a mastery of the four language skills: speaking, listening, reading, and writing. They will further develop their basic oral skills, their knowledge of Chinese culture/history, and the skills needed to communicate effectively. They will become more confident using target language vocabulary and practice conversational use of sentence patterns. Students will develop skills needed to read for content and begin to acquire basic writing skills in composition. They will demonstrate understanding of the general meaning, key ideas, and some details in authentic texts. Students will learn both simplified and traditional Chinese characters. **Prerequisite:** Mandarin Chinese 1

COURSE TITLE:	**Mandarin Chinese 3**
Course # 14970 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Prospect, Westmont	Mandarin/Chinese 3 is designed to bring the students to a level where they are able to satisfy many complex social demands. Students are able to gain a more concentrated study of grammar and vocabulary and an in-depth approach to the culture of Chinese society. They will create sophisticated sentence structures in both formal and informal situations. Students will be able to produce, interpret, exchange and compose personal opinions, and state the various topics beyond survival needs. They will demonstrate understanding of the main idea and details in authentic texts. They are able to manipulate and articulate while using grammatical structures of the language. This course is conducted primarily in Mandarin. **Prerequisite:** Mandarin Chinese 2
COURSE TITLE:	**Mandarin Chinese 4 Honors**
Course # 14490 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Prospect, Leigh *UC/CSU Weighted*	Mandarin/Chinese 4 Honors is designed to enable the students to participate extensively in the life of the Chinese society. The students should be able to manipulate most social situations and casual conversations regarding current events. They will be able to discuss, compare and contrast, support or persuade an opinion in the various topics. Grammar and writing skills will be reviewed and refined in the context of cultural studies, which will include the study of Chinese literature, art, music and customs. They will demonstrate understanding of the main idea and details of authentic texts. They are able to use extended paragraphs to produce formal communications related to the external environment. This intensive honors course at level 4 is conducted in Mandarin and students are expected to use only Mandarin in class. The course covers approximately 1200 Chinese characters and associated phrases.Students who enroll in this course can prepare to take the SAT Chinese exam. Recommended Mandarin/Chinese 3 or equivalent

COURSE TITLE:	**AP Chinese Language and Culture**
Course # 14970 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	At this level, students have a higher degree of competency in all four-language skills: speaking, reading, writing and listening. Students engage in an exploration of both contemporary and historical Chinese culture through a wide array of authentic sources while they further refine and expand their knowledge of the Chinese language and culture. Students read in class and independently interpret selected literary works; discuss contemporary issues as presented through literature, magazines, newspapers, videos and online resources; have an understanding and appreciation of the history and culture of the people using the language; and interact comfortably with native speakers. This course is conducted in Mandarin/Chinese. Students who enroll will also prepare to take the Advanced Placement Chinese Literature Exam. Recommended C+ or better in Mandarin/Chinese 3 or equivalent
COURSE TITLE:	**Korean 1**
Course # 14951 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham	Korean 1 is a yearlong, introductory course which provides students with a clear understanding of the development and structure of the Korean language. The first year Korean course offers the basic elements of reading, writing, speaking, and listening. Students will be able to use orthography (writing system of Hangul) and phonology (sounds system) to understand and produce words and phrases in context. Students will be able to interpret the written and spoken language in highly predictable common daily settings. In addition, students will develop an appreciation of Korean customs and history appropriate for their course level. By the end of this course, students will have the necessities appropriate for a first-year Korean language learner.
COURSE TITLE:	**Spanish 1**
Course # 14650 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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
Course # 14660 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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**
Course # 14670 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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 grammatical structures. Students are also introduced to short literary texts and other authentic documents. **Prerequisite:** Spanish 2
COURSE TITLE:	**Spanish 4**
Course # 14680 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh	Spanish 4 increases the student's proficiency in Spanish. Students review all verb tenses and complex grammatical structures. They learn in more depth the geography, history, and literature of Spain and listening enables communication in complex situations. **Prerequisite:** Spanish 3

COURSE TITLE:	IB Spanish SL
Course # 14673 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Del Mar *UC/CSU Weighted*	The purpose of this one-year course is to foster the language acquisition necessary for students to become proficient in the target language by improving in four language skills: listening, speaking, reading and writing. Students will be able to use the language effectively and respond spontaneously according to the cultural context of a situation. They will also be able to analyze and respond critically in the target language to the topics developed in class. Students will also develop an objective appreciation of the different views of people from other cultures and their cultural legacy. The course will help students become citizens of the world. This course is generally recommended for non-native speakers. **Prerequisite:** Students must demonstrate proficiency through the equivalent of Spanish 3
COURSE TITLE:	**IB Spanish HL**
Course # 14671 (Year 1) 14672 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Del Mar	The objective of this advanced two-year course is to master the receptive, productive and interactive skills through the use of daily interaction and authentic texts in Spanish. Students will develop the skills necessary to analyze and synthesize a variety of written texts as well as audios and communicate their ideas in Spanish through discussion and in writing based on the text types learned in class. Conversational skills are practiced daily while discussing assigned readings, current events, and in general classroom interactions. This course is designed to develop English-Spanish bilingualism and to prepare students for success on the IB Spanish HL Language B examination and is conducted entirely in Spanish. An extensive study of different text types (e.g. blogs, brochures, formal and informal letter writing, etc.) is also included. It is assumed that students have previously been exposed to advanced language structures in the courses leading up to the IB HL Spanish Language course; however, review of the mechanics is done within the contextual framework of each unit as needed. This course is generally recommended for native or heritage speakers. **Prerequisite:** Students must demonstrate proficiency through the equivalent of Spanish 3 or Spanish for Spanish Speakers 2.

COURSE TITLE:	Spanish Language - Advanced Placement
Course # 14700 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP Spanish Language course should help prepare students to demonstrate their level of Spanish proficiency across three communicative modes: (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century* (communication, cultures, connections, comparisons and communities). The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level. **Prerequisite:** Spanish 3 or Spanish for Spanish Speakers 2
COURSE TITLE:	**Spanish Literature - Advanced Placement**
Course # 14720 Course Term: Yearlong Grade Level: 12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Branham, Leigh, Westmont *UC/CSU Weighted*	The AP Spanish Literature course is designed to provide students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American literature. The course is designed to introduce students to the formal study of a representative body of Peninsular and Latin American literary texts. The AP Spanish Literature course more closely approximates an introductory literature course typically taught at the college level, in 2003 the reading list was changed from five authors to a more comprehensive and inclusive list. The expanded reading list introduces students to the diverse literature written in Spanish and thus helps them reflect on the many voices and cultures included in this very rich literature. **Prerequisite:** Spanish 3 or Spanish for Spanish Speakers 2
COURSE TITLE:	**Spanish for Spanish Speakers 1**
Course # 14610 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Del Mar, Leigh, Prospect, Westmont	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 experience. Students should have adequate knowledge of the language to complete this course. **Successful completion of this course equates to two years of LOTE.*

COURSE TITLE:	Spanish for Spanish Speakers 2
Course # 14620 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Languages other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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. **Successful completion of this course equates to three years of LOTE.*

VISUAL AND PERFORMING ARTS

COURSE TITLE:	Art 1- Drawing and Painting
Course # 17010 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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:	IB Art SL
Course # 17041 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Visual & Performing Arts, General Elective CSU/UC: Visual & Performing Arts(f), College-Prep Elective (g) School: Del Mar *UC/CSU Weighted*	The IB Visual Arts SL course is a one-year class that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. The students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 10-15 screens. They will also explore 2 different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 9-18 screens. Four to seven works that demonstrate a thematic concentration will be displayed through their own curative practices. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. **Prerequisite**: One year of any visual Art class (Art 1, 3D 1 or Digital Photo 1). It is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.

COURSE TITLE:	IB Art HL
Course # 17042 (Year 1) 17043 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: Visual & Performing Arts, General Elective CSU/UC: Visual & Performing Arts(f), College-Prep Elective (g) School: Del Mar	The IB Visual Arts HL course is a two-year course that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. Students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 13-20 screens. They will also explore three different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 13-25 screens. Eight to eleven works that demonstrate a thematic concentration will be displayed through their own curative practices which will require them to be selective through self-reflection, well written curatorial rationales, and awareness to how viewers will engage with their themed work. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. **Prerequisite:** One year of any visual art class (Art 1, 3D 1 or Digital Photo 1) It is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.
COURSE TITLE:	**Art 2- Drawing and Painting**
Course # 17020 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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
COURSE TITLE:	**Art 3- Drawing and Painting**
Course # 17030 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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
Course # 17040 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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:	**Studio Art: 2-D Design, Advanced Placement**
Course # 17060 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Leigh, Prospect, Westmont *UC/CSU Weighted*	The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. Most AP Studio Art candidates prepare their portfolios through organized AP instruction. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the Concentration section (Section II). In the Breadth section (Section III), the student is asked to demonstrate a serious grounding in visual principles and material techniques. The Quality section (Section I) permits the student to select the works that best exhibit a synthesis of form, technique, and content. A materials donation may be requested. **Prerequisite:** Recommended instructor approval upon portfolio review
COURSE TITLE:	**Studio Art: 3-D Design, Advanced Placement**
Course # 17075 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham *UC/CSU Weighted*	AP Studio Art 3D is a fundamental class for college preparation with emphasis on contemporary and traditional three-dimensional processes, concepts, and materials. Projects are designed to introduce and fuse content, skill, and the principles of design and composition. Emphasis will be placed on solving visual problems and thinking critically, analytically, and creatively.

COURSE TITLE:	Studio Art: Drawing - Advanced Placement
Course # 17065 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Prospect *UC/CSU Weighted*	AP Studio Art: Drawing is a fundamental class for college preparation with emphasis on traditional and contemporary drawing processes and concepts of "mark-making". projects are designed to develop and demonstrate mastery in composition and execution of drawing techniques and material while challenging students to explore personal ideas and themes. Drawing portfolios are designed for students who are seriously interested in the practical experience of art. **Prerequisite**: Recommended Art Pathway 1, 2, 3
COURSE TITLE:	**AP Art History**
Course # 17066 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts CSU/UC: School: Leigh	The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in -depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.
COURSE TITLE:	**Digital Photography 1**
Course # 17180 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Visual & Performing Arts, General Elective CSU/UC: Visual & Performing Arts(f), College-Prep Elective (g) School: Branham, Del Mar, Westmont	The beginning digital photography course covers the concepts of traditional photography and how it translates to digital technologies. A photo-editing program is used to create artful digital images. Students learn how to use computer hardware and software as tools in creating digital photographic art. The course includes the history of photography, the use of digital images in personal and commercial applications such as advertising and commercials. Students create and critique a portfolio. A materials donation may be requested.

COURSE TITLE:	Digital Photography 2
Course # 17185 Course Term: Yearlong Grade Level: 12 Graduation Credit: CTE, Visual & Performing Arts, General Elective CSU/UC: Visual & Performing Arts(f), Electives (g) *pending approval* School: Branham, Del Mar, Westmont	This advanced digital photography class will continue the skills learned from Digital Photography 1. Students will learn how to shoot in RAW (image format or digital negative) and how to create HDR (high definition resolution) images. Professional Studio lighting and photography will continue where they will create a series of still life and studio portraits building an advanced portfolio. In addition, students will continue to build upon their Photoshop skills; with each unit they will learn the cultural / historical background of the projects. The students will critique and create a portfolio of work, which will be presented at a final end of the year Art Show Retrospective. A materials donation may be requested. **Prerequisite:** Digital Photography 1
COURSE TITLE:	**Photography 1**
Course # 17090 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Electives(g) School: Leigh	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. A materials donation may be requested.
COURSE TITLE:	**Photography 2**
Course # 17100 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Electives(g) School: Leigh	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 photo editing 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. A materials donation may be requested. **Prerequisite**: Photography 1

COURSE TITLE:	3D Design 1 - Ceramics & Sculpture
Course # 17070 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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. A materials donation may be requested.
COURSE TITLE:	**3D Design 2 - Ceramics & Sculpture**
Course # 17080 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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. A materials donation may be requested. **Prerequisite:** 3D Design 1
COURSE TITLE:	**3D Design 3 - Ceramics & Sculpture**
Course # 17110 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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. A materials donation may be requested. **Prerequisite:** 3D Design 2

COURSE TITLE:	Dance Performance
Course # 13200 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham, Prospect	This class covers basic dance technique (ballet, modern and jazz dance), dance theory and history. In addition, students are exposed to a range of dance performance and choreographic structures, which are ultimately applied to the Choreography Project, where students create their own dances individually or in small groups. Students perform at two recitals throughout the year: Winter Recital (students demonstrate knowledge of dance technique and performance) and Spring Recital (students create and perform their own dances). The class involves specific dance technique and requires students to demonstrate knowledge of dance history and dance critique.
COURSE TITLE:	**Dance Performance (Intermediate)**
Course # 13300 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Performing Arts(f) School: Branham	In this class, students will explore intermediate dance techniques, which are based on techniques from the beginning level class. These techniques will be applied to several different styles of dance, including ballet, jazz, contemporary/lyrical and hip-hop. Students will be required to perform aerobic and core strengthening exercises in class as well as a large performance in Branham's theater at the end of the school year. There will also be elements of self-reflection, critique and exploration of the history of dance in order to study and analyze the importance of dance across time and cultures. **Prerequisite**: Dance Performance
COURSE TITLE:	**Dance Performance (Advanced)**
Course # 13260 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: None School: Branham	Advanced Dance Performance is an intermediate level class for students with a minimum of one year of previous dance experience. This class offers students the opportunity to learn intermediate elements and techniques of dance. Various styles of dance including jazz, modern, ballet and tap will be taught. Students will choreograph dance routines and perform their original compositions. Advanced students are required to participate in various school-wide events such as sports events, parent information nights, and school assemblies. All students will participate in fitness activities and the development of an individual fitness plan. Students will be expected to develop both artistic skills and personal fitness throughout the course. Advanced Dance Performance may be repeated for a maximum of three semesters.

COURSE TITLE:	Concert Band
Course # 17520 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Performing Arts(f), College-prep Elective(g) School: Branham, Del Mar, Leigh, Westmont	This course is designed for students with some experience in performance of wind, brass, 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.
COURSE TITLE:	**Symphonic Band (Advanced Band)**
Course # 17660 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Performing Arts(f), College-prep Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	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 and brass 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. Several performances outside the school day may be required. **Prerequisite:** Concert Band
COURSE TITLE:	**Jazz Ensemble**
Course # 17580 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Elective(g) School: Branham, Leigh, Prospect, Westmont	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**: Audition

COURSE TITLE:	Percussion Ensemble
Course # 17471 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Elective(g) School: Prospect	Percussion Ensemble is dedicated to the performance of significant percussive styles from around the globe. Percussion traditions, including from Cuba, Brazil, India, West Africa and the Middle East, are explored through performance and cultural exploration. No prior performance experience necessary for membership. Emphasis is placed on the fundamentals of comprehensive percussion performance (snare drum, timpani, keyboards, marching percussion and drum set), including tonal concepts, technical skills, performance skills, aural skills and rudimentary music theory. In addition to several formal concerts, members are required to perform for various school/community performances and sectional rehearsals. Attendance at these functions when scheduled outside of school hours is a course requirement. Members of the Percussion Ensemble combine with musicians of the Concert Band, Wind, Ensemble and Symphonic Band to perform at large concerts. In addition, members of the Percussion Ensemble have an opportunity to participate in a variety of co-curricular music ensembles and activities.
COURSE TITLE:	**String Orchestra**
Course # 17480 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Performing Arts(f) School: Prospect	The String Orchestra is open for audition 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 required components of the class. **Prerequisite:** Audition
COURSE TITLE:	**Wind Ensemble (Music, Advanced)**
Course # 17650 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Performing Arts(f) School: Branham, Leigh, Prospect, Westmont	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:** Concert Band and Audition.

COURSE TITLE:	Guitar
Course # 17560 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, General Elective CSU/UC: Visual & Performing Arts(f), College-Prep Elective (g) School: Branham, Del Mar	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.
COURSE TITLE:	**Guitar 2**
Course # 17571 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: None School: Branham	This one-year course is designed for students who have successfully completed the skills outlined in the Guitar 1 syllabus. This course includes further development of the skills necessary to become independent as a guitarist. Students will receive guidance and direction in solving problems related to playing the guitar on an intermediate level and will learn many of the different styles, skills, and techniques required to become a successful guitarist. Areas of concentration include correct posture, note reading, flat-picking, rhythmic patterns, chord study, and finger picking styles, musical forms, and improvisation and performing experiences. A progression of technical proficiency is expected. **Prerequisite:** Guitar or Teacher Approval (Earned by Passing the Guitar 1 Final Exam)
COURSE TITLE:	**Treble Clef Choir**
Course # 17600 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Performing Arts(f) School: Branham	This course develops the knowledge and skills that enable students to sing using proper vocal techniques. This choir performs several concerts during the school year, and participation is required. This is an intermediate course for treble voice students who have completed concert choir or received teacher approval via an audition and placement exam.

COURSE TITLE:	Concert Choir
Course # 17540 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Performing Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	Students gain the knowledge and skills that enable them to sing all levels of music literature in a choir. This principal singing group performs at several 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 contemporary music.
COURSE TITLE:	**Madrigals (Music Advanced)**
Course # 17550 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Performing Arts(f) School: Branham	This course extends the student's knowledge and skills of singing performance and vocal technique. The class studies music from the 1600's to the present and studies voicing 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:	**Acapella Show Choir**
Course # 17531 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: None School: Branham	This course will focus on performance of advanced classical literature in the first part of the year, then emphasizing show/pop tunes once the competition season begins. Students will work on intermediate and advanced sight singing skills and vocal techniques. Performance skills will include dance and choreography. Performances will include the winter and spring concerts, various competitions throughout the state, and other community events. Certain performances will offer up to five hours of community service. **Prerequisite**: One year of choral training and approval by audition.
COURSE TITLE:	**AP Music Theory**
Course # 17630 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Applied Arts CSU/UC: VAPA (f) School: Westmont	AP Music Theory is designed to prepare students for a major or minor in music. This course is equivalent to a college level musicianship course, covering both music theory and aural perception 101. Through this course, students will be able to analyze all elements of a musical score through listening, notation, composition, and some performances. This course is not a performance-based class. The class will explore the mechanics of music through analysis of notation, Harmony, composition, music history, and aural perception. **Prerequisite**: Prior or concurrent participation in an instrumental or vocal class.

COURSE TITLE:	IB Music SL
Course # 17601 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Visual & Performing Art, General Elective CSU/UC: VAPA(f), College-Prep Elective (g) School: Del Mar *UC/CSU Weighted*	The one-year IB Music SL course will be embedded in the existing Symphonic Band and Concert Choir courses as part of the overall curriculum. In addition to the existing course of study, the IB students will be analyzing and creating written responses based on the medium, melody, harmony, meter, form, style and context of a wide variety of music from western and non-western cultures and genres. Students will also be prepared to analyze and respond to directed questions on the exam related to at least one major work over a two-year period. Lastly, the students will hone their listening and critical thinking skills by listening and crafting written responses to examples of music from a wide variety of cultures and genres. **Prerequisite:** Students must demonstrate proficiency in Choir, Guitar, or Band
COURSE TITLE:	**Musical Theatre 1**
Course # 17710 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Perf Arts(f), Electives(g) School: Branham, Leigh, Westmont	This course serves as an ambitious introduction to the principles, fundamentals, skills, and historical context of musical theatre in the United States and abroad. The course is designed around and meets all of the California Content Standards for theatre, dance, and music. Major units of study focus on the historical context of musical theatre, 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:	**Musical Theatre 2**
Course # 17790 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f), Electives(g) School: Branham, Leigh, Westmont	This course enables students to participate in varied aspects of musical theatre, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance, and technical aspects of a musical production. Students will be introduced to the foundations of musical theatre using exercises, assignments, prepared musical selections, play/ concert attendance, and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. **Prerequisite:** Musical Theatre 1

COURSE TITLE:	Musical Theatre 3
Course # 17795 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f), Electives(g) School: Leigh, Westmont	This course enables students to participate and manage the varied aspects of musical theatre with special attention to vocal production, stage movement, acting, characterization, dance and technical aspects of a musical production. Students participate in leadership and directorial positions such as choreographer, production assistant, director, and vocal director or other varied technical design and leadership positions. Students will be introduced to advanced tenants of musical theatre through the use of exercises, assignments, prepared musical selections, play/concert attendance and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Emphasis is on the student led creation of every aspect of a musical theatre performance. **Prerequisite:** Musical Theatre 2
COURSE TITLE:	**Musical Theatre 4 Honors**
Course # 17796 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Performing Arts, Electives CSU/UC: Visual & Performing Arts(f), Electives(g) School: Leigh, Westmont *UC/CSU Weighted*	This course builds on the skills developed in Musical Theatre 1, 2, and 3 and provides advanced instruction on job skills required in the world of Theatrical Production. Students will continue to develop skills in directing, choreography, vocal direction and theatrical design. They will also be responsible for obtaining a professional internship in theatre arts with a local theatre company (the instructor will assist students using district connections and resources). They will keep a weekly journal detailing their learning experiences and a resource binder showing the job skills they have acquired. Students will also take a business or logistic leadership role (director, producer, stage manager) for at least one public performance assignment. Students will also take a leadership role outside of class activities (such as an open audition play or performance events). Students develop multiple organizational and non-artistic skills such as schedule planning, interpersonal problem solving, peer direction and leadership, and working collaboratively with others (both students and teachers). Students round out their education by spending a minimum of 10 hours working on large scale productions in the area of patron services and technical theatre. **Prerequisite:** Musical Theatre 3

COURSE TITLE:	Commercial Music Production- Level 1
Course # 17640 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) (*Del Mar Only)* School: Del Mar	Students will learn how to use digital audio workstations, appropriate software and complete a wide range of projects including voice-over, original composition, multi-track recording in live and pre-recorded formats, as well as create a portfolio of products that would be appropriate for job or college applications. **Pre-Requisites:** 1 year of Band (either), Choir, or Guitar
COURSE TITLE:	**Theatre 1 - Beginning**
Course # 17750 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Performing Arts, CTE, General Elective CSU/UC: Visual & Performing Arts(f), College-prep Elective (g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course introduces and provides experience in all aspects of theatre 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 theatre history and the multiple forms of theatrical performance, as well as the technical aspects of theatre and theatrical design. Special emphasis is placed on theatrical vocabulary and codes of conduct, as well as the creation, production, and direction of monologues and scenes.
COURSE TITLE:	**Theatre 2 - Production and Performance**
Course # 17780 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, General Elective CSU/UC: Visual & Performing Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course focuses on styles of acting and performance and theatrical production. 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. **Prerequisite:** Theatre 1

COURSE TITLE:	Theatre 3 - Directing for Stage
Course # 17740 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, General Electives CSU/UC: Visual & Performing Arts(f), Electives(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is an extension of the Theatre Arts program, focusing on directing for the stage. Students engage in collaborative projects with acting students during which they develop the critical leadership skills needed to succeed in the professional world. Focus is conceiving and then creating a total concept, peer coaching, and critical analysis of theatrical works. **Prerequisite:** Theatre 2
COURSE TITLE:	**Theatre 4 Honors**
Course # 17770 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) School: Leigh, Westmont *UC/CSU Weighted*	This advanced level course focuses on the leadership and producing components of Theatre Arts. Students develop a clear understanding of all the components of the production process while gaining the critical career skills of collaboration, organization, and peer leadership. Students learn the business of theatre while deepening their skills as an actor and director. **Prerequisite:** Theatre 3
COURSE TITLE:	**Technical Theatre 1- Technology and Design**
Course # 17690 CTE Course # 37690 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) School: Branham, Leigh, Prospect, Westmont	This course develops knowledge of and experience in all the technical (nonperformance) 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 theatre. Students design or crew on two productions.

COURSE TITLE:	Technical Theatre 2 - Stage Design
Course # 17690 CTE Course # 37690 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) School: Branham, Leigh, Prospect, Westmont	Technical Theatre 2 continues to refine those concepts and skills outlined in Technical Theatre 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, 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 production 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 theatre. **Prerequisite**: Technical Theatre 1
COURSE TITLE:	**Technical Theatre 3 - Production Staff**
Course # 17700 CTE Course # 37700 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Performing Arts(f) *(Leigh & Westmont only)* School: Leigh, Prospect, Westmont	Technical Theatre 3 focuses on the production staff aspects of putting on a show. Such positions include stage manager, technical director, as well as set, costume, prop, and lighting designers. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. **Prerequisite:** Technical Theatre 2

COURSE TITLE:	**Technical Theatre 4 Honors, Theatre Leadership**
Course # 17610 CTE Course # 37610 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) School: Leigh, Prospect, Westmont *UC/CSU Weighted*	Technical Theatre 4 Honors deepens the focus on the production staff aspects of putting on a show. Such positions include stage manager, technical director, as well as set, costume, prop, and lighting designers. Students also must produce a production. Technical Theatre 4 Honors requires the student to investigate, arrange, and complete an internship with a professional theatre company. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. **Prerequisite:** Technical Theatre 3
COURSE TITLE:	**Theatre Production 1A, 1B, 2A, 2B, 3A, 3B**
Course # CTE Course # Course Term: Semester Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) School: Westmont	This semester-long, repeatable, performance-oriented course is designed for students who are interested in continuing their study in all levels of theater arts, and applies skills introduced in entry-level Theatre courses, such as acting, characterization, scene study, directing, and an introduction to technical theater. Students will work together as a production team on a theater piece with the culminating event of the course being a play produced on the main stage for a captive audience. Through the course of rehearsals, students will develop and broaden their acting techniques, as well as their knowledge of different acting styles. Emphasis in the course will be placed on the total collaborative effort of the students as a production team, as well as all aspects of production including: character development, script analysis, production and business management, and theater history research and a post production analysis. Students also learn to prepare for college and professional acting auditions during the course of the semester.

PHYSICAL EDUCATION

COURSE TITLE:	Physical Education (PE)
Course # 13010 (Grade 9) 13030 (Grade 10-12) Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Phys Ed School: Branham, Del Mar, Leigh, Prospect, Westmont	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 and combative sports. All courses are conducted in a co-educational, 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 TITLE:	**Elective Physical Education (PE)**
Course # 13070 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: None School: Branham, Del Mar, Leigh, Prospect	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
COURSE TITLE:	**Elective Physical Education (Total Fitness)**
Course # 13075 Course Term: Yearlong Grade Level: 12 Graduation Credit: Elective CSU/UC: None School: Prospect	This course is for students who have successfully completed two years of Physical Education. The purpose of this course is to prepare students to develop and maintain ongoing health and fitness beyond high school. Course activities will emphasize enhancing student cardiovascular endurance, muscle strength, muscular endurance, flexibility, and body composition. Students will participate in an advanced study of yoga, Pilates, swimming, body weight exercises, and other aerobic activities previously introduced In Physical Education. **Prerequisite**: Two years of Physical Education

COURSE TITLE:	Personal Fitness
Course # 13910 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: None School: Westmont	Personal Fitness students have the opportunity to learn Personal Fitness skills, proper methods and techniques of Personal Fitness, and the relationship of Personal Fitness to wellness and fitness. Personal Fitness is based on movements that are taken from Gymnastics, Olympic lifting, Track and Field, and a variety of other disciplines. The learning experience offered can be a major contributing factor in the development of an individual in all phases of life—physical, mental, emotional and social. **Prerequisites:** Successful completion of PE 9th
COURSE TITLE:	**Advanced Personal Fitness**
Course # 129111 Course Term: Yearlong Grade Level: 12 Graduation Credit: Elective CSU/UC: None School: Westmont	This course is for students who have previously completed a year of personal fitness and have mastered a majority of techniques applied to the various exercises taught in this course. Advanced personal fitness will allow students to further expand their strength and fitness as well as mentor other students. **Prerequisite**: Successful completion of Personal Fitness
COURSE TITLE:	**Sports PE**
Course # 13050 Course Term: Yearlong Grade Level: 10 Graduation Credit: Phys Ed CSU/UC: None School: Branham, Del Mar, Leigh, Prospect (10), Westmont	**Sports PE** is available to sophomores who satisfy all of the prerequisites listed below. 10th Grade students enrolled in Sports PE are expected to participate in two school-based CIF approved competitive sports during their sophomore year in order to receive 10 units of credit towards their Physical Education graduation requirement. Sports PE students must maintain eligibility by earning at least a 2.0 GPA. **Prerequisite:** ● Sports PE candidates must have fully participated in at least two competitive school-based CIF approved sports teams during their freshman year. ● Students must have earned a 'C' or higher in their 9th Grade Physical Education class. ● As a freshman, must have passed five out of six standards of the Physical Fitness Test (PFT).

COURSE TITLE:	Marching Band PE
Course # 13057 Course Term: Semester Grade Level: 10-11 Graduation Credit: Phys Ed CSU/UC: None School: Branham, Del Mar, Leigh, Westmont	Marching Band PE is a course designed for sophomores that satisfies the physical education requirement for one of four semesters required for graduation. In order for a student to receive credit for a full year of PE, they must first satisfy the prerequisites listed below. The student must successfully complete two marching band seasons (fall semesters) during the sophomore and junior years. The Marching Band is a competitive field show group consisting of musicians (wind and percussion instruments) along with a group of students that make up the color guard. They rehearse 7-12 hours a week after school and on Saturdays. They also compete in at least four major competitions during the fall semester. **Prerequisite:** ● Participation and satisfactory completion of Marching Band in 9th grade. ● Students must have taken and successfully passed a freshmen PE class with a "C" or above and pass five out of six standards of the Physical Fitness Test (PFT). ● Maintain a 2.0 GPA throughout the MB season.
COURSE TITLE:	**Military Science 1**
Course # 13100 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Phys Ed, CTE CSU/UC: None School: Branham, Del Mar	The Military Science program develops leadership skills, self-discipline, teamwork, individual initiative, citizenship, and respect for our government and country. We offer the Military Science program district-wide, and students who wish to participate may do so at the applicable sites. Transportation is not provided.
COURSE TITLE:	**Military Science 2**
Course # 13110 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed, CTE CSU/UC: None School: Branham, Del Mar	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 combative skills. **Prerequisite:** Military Science 1

COURSE TITLE:	Military Science 3
Course # 13160 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed, CTE CSU/UC: None School: Branham, Del Mar	Military Science 3, cadets begin to use their leadership training as they assume positions of increased authority and responsibility within the School program. Detailed instruction on personal finances is presented, as well as other preparation for life beyond high school. **Prerequisite:** Military Science 2
COURSE TITLE:	**Military Science 4**
Course # 13165 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed, CTE CSU/UC: None School: Branham, Del Mar	Cadets continue to use their leadership training as they assume positions of increased authority and responsibility within the School. **Prerequisite:** Military Science 3

CTE/AGRICULTURE

COURSE TITLE:	Agriculture Biology
Course # 13650 Course Term: Yearlong Grade Level: 9-10 Graduation Credit: Biological Science CSU/UC: Lab Science(d) CTE Pathway: Animal Science CTE Course Level: Concentrator School: Westmont	This 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.

COURSE TITLE:	**Agriculture Mechanics 1**
Course # 16140 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Applied Arts CSU/UC: None CTE Pathway: Agricultural Mechanics CTE Course Level: Concentrator School: Westmont	Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical applications through relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give students the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards and hand and power tools. Topic clusters in this course include electricity, small engines, welding and metalwork, wood construction and mechanical technology. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
COURSE TITLE:	**Agricultural Mechanics 2**
Course # 16141 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Applied Arts CSU/UC: Elective(g) *pending approval* CTE Pathway: Agricultural Mechanics CTE Course Level: Capstone School: Westmont	This course is designed for advanced study of agricultural mechanics. Areas of study include construction operations and maintenance of equipment. Additional topics include metal and welding fabrication. **Prerequisite:** Agricultural Mechanics 1

COURSE TITLE:	Agriculture Government Policy & Economics
Course # 12210 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: CTE Pathway: None CTE Course Level: Singleton School: Westmont	In this course, students will pursue a deeper understanding of the institutions of American Government, in addition to the underlying economic principles that shape policies throughout the agriculture industry, they will complete an in-depth study of the system of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, the economic impacts of the aforementioned, and their relationship to agriculture and agribusiness. Students will also master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Studied in a historic context are the basic economic principles of micro and macroeconomics, international economics, comparative economic systems, measurement, and methods. This course is designed for advanced study of agriculture business opportunities and economics for college bound students with interest in agriculture This course will create civic and financial literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship as consumers in the American democracy.
COURSE TITLE:	**Veterinary Science**
Course # 13610 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Biological Science CSU/UC: Electives(g) CTE Pathway: Animal Science CTE Course Level: Capstone School: Westmont	This course will provide a realistic preview of both veterinary work and the academic rigor needed to achieve success in this profession. Students begin the year exploring cells and tissues. Throughout the year, they investigate the different physiological systems and how they apply to nutrition, diseases, diagnosis, and surgery. Diseases may include Mastitis, Kennel Cough, Equine Colic, Anthrax, Mad Cow Disease, West Nile Virus, Cat Scratch Disease, and many more. Field trips may include visits to local vet clinics, SVCTEC'S Pre-Vet Program, and local farms to watch surgeries or demonstrate real life concepts. Students may have the opportunity to participate in FFA judging teams. If you desire a career or interest as a veterinarian, farmer, zoologist, pet owner, or any other animal related career, then this is the course for you. **Prerequisite**: Agriculture Biology

COURSE TITLE:	Agriculture and Soil Chemistry
Course # 13630 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Science CSU/UC: Lab Science(d) CTE Pathway: None CTE Course Level: Singleton School: Westmont	This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.
COURSE TITLE:	**Agriculture Physics in Application**
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Science, CTE CSU/UC: Lab Science(d) CTE Course Level: Singleton School: Westmont	Ag Physics is a collaborative and rigorous standards-based laboratory science course that fulfills the physical science requirement focusing on college and career readiness. This course is a standards-based study of fundamental physics concepts, such as measurement, calculation, and graphing in kinematics and dynamics, propagation and conservation of energy and momentum, gravitation, heat and thermodynamics, waves, optics, and electromagnetic phenomena. Emphasis is placed on the utilization of mathematical, analytical, data acquisition, graphical, and communication skills to promote discovery of those concepts. Concepts and skills are reinforced by emphasis on hands-on laboratory experiences and the integration of agricultural physics and natural resources. Applications explain how physics applies to agricultural and natural resources, and the utilization of technology are included.

CTE/APPLIED ARTS – WORK EXPERIENCE

COURSE TITLE:	**Exploratory Work Experience Education (EWEE)**
Course # 15170 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: None School: *Not currently offered*	This one-year course is designed for juniors and/or seniors to explore and participate in supervised part time non-paid training, volunteer work, and/or internships, while gaining academic and employment skills 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 the non-paid business site (not to exceed 6 hours per week), regular attendance log/journals, and the completion of all class projects, paperwork and assignments. If a student is hired, he/she will be transferred to the GWEE class and hours logged at the EWEE site will be added to the hours worked at the new job to determine the number of incremental credits the student will earn that semester. **Prerequisite**: Students must be 16 years of age and willing to commit to the entire schedule of the exploratory assignment with good attendance, punctuality, and attitude. Training site must be pre- approved by the instructor.
COURSE TITLE:	**General Work Experience Education (GWEE)**
Course # 15160 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: None School: Branham, Del Mar, Leigh, Westmont	This one-year course is designed for juniors and seniors. It 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 the paid employment site, their classroom preparation, and in the completion of all paperwork and assignments. **Prerequisite:** Students must be at least 16 years of age and employed by the first class meeting. Jobs must be approved by the instructor.

COURSE TITLE:	Career Technical Work Experience Education (CTWEE)
Course # 15180 Course Term: Yearlong Grade Level: 12 Graduation Credit: Applied Arts CSU/UC: None School: Del Mar	This one-year course is designed for seniors and it 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 the paid employment site, their classroom preparation, and in the completion of all paperwork and assignments. Student job placements are part of a specific career pathway, capstone course, or paid or non-paid internship in the field the student is pursuing. **Prerequisite**: Students must be at least 16 years of age and employed by the first class meeting. Jobs must be approved by the instructor.

CTE/APPLIED ARTS – EDUCATION

COURSE TITLE:	Careers in Education I
Course # 13225 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Elective (g) CTE Pathway: Education CTE Course Level: Introduction School: Boynton	This is a course for grades 9-12 to explore career options and key concepts in the field of education. This is the first course in a two-year sequence. The goal is to create a pipeline for students to enter the education field and fill positions in this industry. This program will provide the first opportunity for students interested in careers in this pathway to formally study education and participate in community classroom practical experiences in partnering schools and youth recreational programs. Topics of study include the history of education, health and safety in education, child/adolescent development, integrated 21st century instructional practices, and family partnerships.
COURSE TITLE:	**Careers in Education 2**
Course # 13226 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Applied Arts CSU/UC: Elective (g) CTE Pathway: Education CTE Course Level: Concentrator School: Boynton	This is a concentrator level course, an extension of Careers in Education 1. This course is designed to allow students in grades 10-12 to identify an area of education they wish to explore based on their experience in the introductory course. **Prerequisite:** Careers in Education 1

CTE/APPLIED ARTS - INFORMATION & COMMUNICATION TECHNOLOGY

COURSE TITLE:	**Digital and Graphic Tools**
Course # 15110 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: None CTE Pathway: Software & Systems Development CTE Course Level: Singleton School:	This course is designed to equip students with core tools for interactive development in a challenging technological environment. Communication skills, basic mathematical concepts and critical thinking are reinforced through software applications. Multidisciplinary projects involve the use of a variety of programs such as word processing, spreadsheets, databases, image editing and graphic design, digital sound and video editing, web design and presentation software. Topics covered include history, hardware, computers and society, safe internet access, copyright issues and computer ethics. Hands-on projects focus on essential skills and provide experience in working in a broad range of media. Simulations, projects, portfolios and teamwork provide opportunities for the application of instructional competencies.
COURSE TITLE:	**Computer Programming**
Course # 14100 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Mathematic CSU/UC: Elective(g) CTE Pathway: Software & Systems Development CTE Course Level: Capstone School: Prospect, Westmont	This course is an introduction to computers and programming. The course is designed to introduce students who have sufficient math background to the fundamentals of computer programming and data manipulation. Through a project-oriented approach, students will explore a variety of programming systems and languages to create interactive applications and systems. By collaborating in a hands-on environment, students will learn problem solving, software design, debugging strategies, and the foundations of computer science (data structures, procedures, and algorithms). Students will work on projects (both individual and team) in the areas of graphics and games and animation and art, all using open-source software tools such as Scratch, Python, JavaScript and Java. This course is excellent preparation for Advanced Placement Computer Science. **Advisory Prerequisite**: Computer Science Discoveries

COURSE TITLE:	Computer Science Discoveries
Course # 15055 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Science (d) CTE Pathway: Software & Systems Development CTE Course Level: Concentrator School: Del Mar, Westmont	This course is designed to equip students with core tools for interactive development in a challenging technological environment. Communication skills, basic mathematical concepts and critical thinking are reinforced through software applications. Multidisciplinary projects involve the use of a variety of programs such as word processing, spreadsheets, databases, image editing and graphic design, digital sound and video editing, web design and presentation software. Topics covered include history, hardware, computers and society, safe internet access, copyright issues and computer ethics. Hands-on projects focus on essential skills and provide experience in working in a broad range of media. Simulations, projects, portfolios and teamwork provide opportunities for application of instructional competencies.
COURSE TITLE:	**GenYes**
Course # 15310 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective (g) pending CTE Pathway: Systems Programming/Networking CTE Course Level: Concentrator School: Leigh, Prospect	GenYES is a digital survey course that is designed to help students develop the knowledge, skills, values, and experience that will help them succeed in an increasingly digital world. Students will develop a strong understanding of the 21st century tools and applications to help them succeed and also assist others navigate technology in the educational setting and beyond. This course is based on the curriculum developed by Generation YES, a nationally acclaimed organization.
COURSE TITLE:	**AP Computer Science Principles**
Course # 14101 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: Elective (g) CTE Pathway: Systems Programming/Networking CTE Course Level: Capstone School: Del Mar	AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

CTE/APPLIED ARTS - HOSPITALITY, TOURISM & RECREATION

COURSE TITLE:	**Foods 1 - Culinary Arts**
Course # 15560 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Food Service & Hospitality CTE Course Level: Concentrator School: Branham, Del Mar, Leigh	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 will explore career information and develop skills to make informed food choices. At the end of the course, students take home a recipe collection. A material donation may be requested.
COURSE TITLE:	**Foods 2 - Culinary Arts**
Course # 15575 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Food Service & Hospitality CTE Course Level: Capstone School: Branham, Del Mar, Leigh	This course continues from Foods 1 with a focus on cooking skills with an emphasis on, but not limited to, cooking methods utilizing heat/cold transfers, nutritional science, culinary organization, food science, culinary careers, culinary professionalism, recipe development and costing, menu research and development, and business research and development. Laboratory experiences, demonstrations, lectures, and skill drills will provide an active and thriving environment in a low stress format for learning. In addition to cooking skills, student-chefs will utilize career information to make informed culinary decisions. At the end of the course, student-chefs will take with them a culinary repertoire and work ethic that will be transferable to most industries. Material donation may be requested. **Prerequisite:** Foods 1

CTE/APPLIED ARTS – MANUFACTURING AND PRODUCTION TECHNOLOGY

COURSE TITLE:	**Manufacturing Technology 1**
Course # 16050 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Elective(g) CTE Pathway: Machining & Forming Technology CTE Course Level: Introduction School: Westmont	Students in Manufacturing Technology will be introduced to CTE (Career Technical Education) skills. They will have the opportunity to design, plan and construct projects that are based on industry standards. Major emphasis will be placed in the following areas: solid modeling techniques, 3D printing, laser cutting and engraving, CNC, CAM, CAD, manual machining, measurement, welding, sheet metal development and product design.
COURSE TITLE:	**Manufacturing Technology 2**
Course # 16060 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Applied Arts CSU/UC: None CTE Pathway: Machining & Forming Technology CTE Course Level: Concentrator School: Westmont	Manufacturing Technology 2 is a project based course centered on advanced manufacturing techniques and concepts. Students in Manufacturing Technology 2 will continue to develop an understanding for the following concepts: drafting solid modeling techniques, 3D printing, laser cutting and engraving, CNC, CAM, CAD, manual machining, measurement, welding, sheet metal development and developing a project from initial concept to finished product. **Prerequisite**: Manufacturing Technology 1
COURSE TITLE:	**Manufacturing Technology 3**
Course # 16061 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: None CTE Pathway: Machining & Forming Technology CTE Course Level: Capstone School: Westmont	Manufacturing Technology 3 is a project based course where students will be able to specialize in the following areas: vertical milling, manual lathe work, CNC lathe and mill work and welding technologies. Solid modeling software will be utilized in the development of student designed projects. In this course, students will use state of the art tools and equipment in their education. This course is designed to prepare students for certifications with the National Institute of Metalworking Skills. (NIMS) **Prerequisite**: Manufacturing Technology 2

COURSE TITLE:	Production Technology 1
Course # 16070 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Elective(g) CTE Pathway: Product Innovation & Design CTE Course Level: Introduction School: Westmont	Students in production Technology 1 will be introduced to CTE Technical Education) skills. They will have the opportunity to design, plan, and construct projects that are based on industry standards. Emphasis will be placed in the following areas: Modern woodworking equipment, drafting, solid modeling techniques, 3D and engraving, CNC, CAM, and CAD. Students will develop safe working habits, they will be instructed on proper use and care of standard equipment and they will have the opportunity to design and build projects of their choice.
COURSE TITLE:	**Production Technology 2**
Course # 16080 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: Elective(g) CTE Pathway: Product Innovation Design CTE Course Level: Concentrator School: Westmont	Students in Production Technology 2 will be introduced to CTE Technical Education) skills. They will have the opportunity to design, plan and construct projects that are based on industry emphasis will be placed in the following areas: modern woodworking equipment, drafting, solid modeling techniques, 3D and engraving, CNC, CAM and CAD. Students will develop safe working habits; they will be instructed on proper use equipment. Through continuing investigation into production tools, materials and processes, students will learn intermediate to advanced production/manufacturing skills. **Prerequisite:** Production Technology 1
COURSE TITLE:	**Production Technology 3**
Course # 16040 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: None CTE Pathway: Product Innovation & Design CTE Course Level: Capstone School: Westmont	Students in Production Technology 3 will apply their CAD/CAM skills and solid modeling knowledge into advanced project design. Production Technology 3 focuses students in the advanced use of industry standard tools and equipment. Course curriculum includes print reading, advanced joint construction using CNC machines and finishing procedures. Both individual and group projects will be emphasized. **Prerequisite:** Production Technology 2

CTE/APPLIED ARTS – ARTS, MEDIA & ENTERTAINMENT

COURSE TITLE:	**Digital Photography 1**
Course # 17180 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Visual & Performing Arts CSU/UC: Visual & Performing Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Concentrator School: Branham, Del Mar, Westmont	The beginning digital photography course covers the concepts of traditional photography and how it translates to digital technologies. A photo editing program is used to create artful digital images. Students learn how to use computer hardware and software as tools in creating digital photographic art. The course includes the history of photography, the use of digital images in personal and commercial applications such as advertising and commercials. Students create and critique a portfolio. A materials donation may be requested.
COURSE TITLE:	**Digital Photography 2**
Course # 17185 Course Term: Yearlong Grade Level: 11 - 12 Graduation Credit: CTE, Visual & Performing Arts CSU/UC: Visual & Performing Arts(f), Electives (g) CTE Pathway: Visual, Design & Media CTE Course Level: Capstone School: Branham, Del Mar, Westmont	This advanced digital photography class will continue the skills learned from Digital Photography 1. Students will learn how to shoot in RAW (image format or digital negative) and how to create HDR (high definition resolution) images. Professional Studio lighting and photography will continue where they will create a series of still life and studio portraits building an advanced portfolio. In addition, students will continue to build upon their Photoshop skills, with each unit they will learn the cultural / historical background of the projects. The students will critique and create a portfolio of work, which will be presented at a final end of the year Art Show Retrospective. A materials donation may be requested. **Prerequisite:** Digital Photography 1

COURSE TITLE:	Digital Filmmaking 1
Course # 17211 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Visual & Performing Arts(f) (Del Mar & Prospect) CTE Pathway: Visual, Design & Media CTE Course Level: Concentrator School: Boynton, Del Mar, Prospect, Westmont	This course provides a project-based video media program, which guides students to achieve the standards in the Arts, Media and Entertainment Pathway of career technical training by providing students with the technical instruction and practical experiences for aspiring video and filmmakers in the production of film, video and new media projects. Students experience both the creative and technical aspects of film making in conjunction with learning about historical and contemporary traditions and conventions. Students are instructed on the three stages of project creation.
COURSE TITLE:	**Digital Filmmaking 2**
Course # 17220 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Applied ArtsCSU/UC: Visual & Performing Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Capstone School: Del Mar, Prospect, Westmont	This course provides a progressive, project-based video media program that builds on the skills learned in Digital Filmmaking 1. Students work individually and as group members in the production of video and new media projects. Students experience the creative and technical elements of filmmaking in the three stages of project creation: pre-production, production, and post-production. An emphasis will be given to project management, oversight and new methods of distribution. **Prerequisite:** Digital Filmmaking 1 or Instructor approval
COURSE TITLE:	**Digital Filmmaking 3**
Course # 17225 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: Visual & Performing Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Advanced Capstone School: Prospect	Digital Filmmaking 3 is the capstone course for the Arts, Media, and Entertainment Pathway of Career Technical Education. Building upon what the students have learned in Digital Filmmaking 1 and 2. They will create and executively produce original films using industry standard equipment over the course of each semester. This will require advanced long-term planning, organizational, communication, technical and artistic aptitudes that will prepare them for employment in the industry and/or post-secondary education. **Prerequisites:** Digital Filmmaking 2 or Instructor approval

COURSE TITLE:	Digital Filmmaking 4
Course # 17226 Course Term: Yearlong Grade Level: 12 Graduation Credit: CTE, Applied Arts CSU/UC: Visual & Performing Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Advanced Capstone School: Prospect	Digital Filmmaking 4 is the fourth course for the Arts, Media, and Entertainment Pathway of Career Technical Education. Building upon what the students have learned in Digital Filmmaking 1, 2 and 3 they will investigate specific careers and artists in the industry as well as the philosophical underpinnings of film as an artistic and cultural product. Fourth year students additionally will work extensively on leadership skills. They will act as student advisors for the First, Second and Third year students. They will be assisting them on productions as well as utilizing them on their own productions as crew. This will require advanced leadership, long-term planning, organizational, communication, technical and artistic aptitudes that will prepare them for employment and leadership roles in the industry and/or post-secondary education. **Prerequisites:** Digital Filmmaking 3 or Instructor approval

CTE/PERFORMING ARTS – THEATRE

COURSE TITLE:	Musical Theatre 1
Course # 17710 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f), Electives(g) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Branham, Leigh, Westmont	This course serves as an ambitious introduction to the principles, fundamentals, skills, and historical context of musical theatre in the United States and abroad. The course is designed around and meets all of the California Content Standards for theatre, dance, and music. Major units of study focus on the historical context of musical theatre, 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:	Musical Theatre 2
Course # 17790 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f), Electives(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Leigh, Westmont	This course enables students to participate in varied aspects of musical theatre, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance, and technical aspects of a musical production. Students will be introduced to the foundations of musical theatre through the use of exercises, assignments, prepared musical selections, play/concert attendance, and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. **Prerequisite:** Musical Theatre 1
COURSE TITLE:	**Musical Theatre 3**
Course # 17795 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f), Electives(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Leigh, Westmont	This course enables students to participate and manage the varied aspects of musical theatre with special attention to vocal production, stage movement, acting, characterization, dance, and technical aspects of a musical production. Students participate in leadership and directorial positions such as choreographer, production assistant, director, and vocal director or other varied technical design and leadership positions. Students will be introduced to advanced tenants of musical theatre through the use of exercises, assignments, prepared musical selections, play/concert attendance, and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Emphasis is on the student led creation of every aspect of a musical theatre performance. **Prerequisite:** Musical Theatre 2

COURSE TITLE:	Musical Theatre 4 Honors
Course # 17796 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f), Electives(g) CTE Pathway: Performing Arts CTE Course Level: Capstone School: Leigh, Westmont *UC/CSU Weighted*	This course builds on the skills developed in Musical Theatre 1, 2, and 3 and provides advanced instruction on job skills required in the world of Theatrical Production. Students will continue to develop skills in directing, choreography, vocal direction and theatrical design. They will also be responsible for obtaining a professional internship in theatre arts with a local theatre company (the instructor will assist students using district connections and resources). They will keep a weekly journal detailing their learning experiences and a resource binder showing the job skills they have acquired. Students will also take a business or logistic leadership role (director, producer, stage manager) for at least one public performance assignment. Students will also take a leadership role outside of class activities (such as an open audition play or performance events). Students develop multiple organizational and non-artistic skills such as schedule planning, interpersonal problem solving, peer direction and leadership, and working collaboratively with others (both students and teachers). Students round out their education by spending a minimum of 10 hours working on large scale productions in the area of patron services and technical theatre. **Prerequisite:** Musical Theatre 3
COURSE TITLE:	**Commercial Music Production- Level 1**
Course # Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) (*Del Mar Only)* CTE Pathway: CTE Course Level: School: Del Mar	Students will learn how to use digital audio workstations, appropriate software and complete a wide range of projects including voice-over, original composition, multi-track recording in live and pre-recorded formats, as well as create a portfolio of products that would be appropriate for job or college applications. **Pre-Requisites:** 1 year of Band (either), Choir, or Guitar

COURSE TITLE:	Theatre 1 – Beginning
Course # 17750 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Branham, Del Mar, Leigh, Prospect, Westmont	This course introduces and provides experience in all aspects of theatre 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 theatre history and the multiple forms of theatrical performance, as well as the technical aspects of theatre and theatrical design. Special emphasis is placed on theatrical vocabulary and codes of conduct, as well as the creation, production, and direction of monologues and scenes.
COURSE TITLE:	**Theatre 2 – Production and Performance**
Course # 17780 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f), electives(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Del Mar, Leigh, Prospect, Westmont	This course focuses on styles of acting and performance and theatrical production. 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. **Prerequisite:** Theatre 1

COURSE TITLE:	Theatre 3 – Directing for Stage
Course # 17740 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f), electives(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is an extension of the Theatre Arts program, focusing on directing for the stage. Students engage in collaborative projects with acting students during which they develop the critical leadership skills needed to succeed in the professional world. Focus is conceiving and then creating a total concept, peer coaching, and critical analysis of theatrical works. **Prerequisite:** Theatre 2
COURSE TITLE:	**Theatre 4 Honors**
Course # 17770 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Leigh, Prospect, Westmont	This advanced level course focuses on the leadership and producing components of Theatre Arts. Students develop a clear understanding of all the components of the production process while gaining the critical career skills of collaboration, organization, and peer leadership. Students learn the business of theatre while deepening their skills as an actor and director. **Prerequisite:** Theatre 3 *UC/CSU Weighted*
COURSE TITLE:	**Technical Theatre 1 – Theatre Design**
Course # 17680 CTE Course # 37680 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Branham, Del Mar *(pending)*, Leigh, Prospect, Westmont	This course develops knowledge of and experience in all the technical (nonperformance) 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 theatre. Students design or crew on two productions.

COURSE TITLE:	Technical Theatre 2 – Stage Design
Course # 17690 CTE Course # 37690 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f) CTE Pathway: Production & Managerial Arts CTE Course Level: Concentrator School: Branham, Leigh, Prospect, Westmont	Technical Theatre 2 continues to refine those concepts and skills outlined in Technical Theatre 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 theatre. **Prerequisite**: Technical Theatre 1
COURSE TITLE:	**Technical Theatre 3 – Production Staff**
Course # 17700 CTE Course # 37700 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Performing Arts, CTE, Electives CSU/UC: Visual & Performing Arts(f) *(Leigh & Westmont only)* CTE Pathway: Production & Managerial Arts CTE Course Level: Concentrator School: Leigh, Prospect, Westmont	Technical Theatre 3 focuses on the production staff aspects of putting on a show. Such positions include: stage manager, technical director, as well as set, costume, prop and lighting designers. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. **Prerequisite:** Technical Theatre 2

COURSE TITLE:	Technical Theatre 4 Honors – Theatre Leadership
Course # 17610 CTE Course # 37610 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Performing Arts(f) CTE Pathway: Production & Managerial Arts CTE Course Level: Capstone School: Leigh, Prospect, Westmont *UC/CSU Weighted*	Technical Theatre 4 Honors deepens the focus on the production staff aspects of putting on a show. Such positions include: stage manager, technical director, as well as set, costume, prop and lighting designers. Students also must produce a production. Technical Theatre 4 Honors requires the student to investigate, arrange, and complete an internship with a professional theatre company. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. **Prerequisite:** Technical Theatre 3
COURSE TITLE:	**Theatre Production 1A, 1B, 2A, 2B, 3A, 3B**
Course # CTE Course # Course Term: Semester Grade Level: 10-12 Graduation Credit: Visual & Performing Arts, CTE CSU/UC: Visual & Performing Arts(f) CTE Pathway: CTE Course Level: School: Westmont	This semester-long, repeatable, performance-oriented course is designed for students who are interested in continuing their study in all levels of theater arts, and applies skills introduced in entry-level Theatre courses, such as acting, characterization, scene study, directing, and an introduction to technical theater. Students will work together as a production team on a theater piece with the culminating event of the course being a play produced on the main stage for a captive audience. Through the course of rehearsals, students will develop and broaden their acting techniques, as well as their knowledge of different acting styles. Emphasis in the course will be placed on the total collaborative effort of the students as a production team, as well as all aspects of production including: character development, script analysis, production and business management, and theater history research and a post production analysis. Students also learn to prepare for college and professional acting auditions during the course of the semester.

CTE/APPLIED ARTS – BUSINESS/FINANCE	
COURSE TITLE:	**Digital Tools for Business**
Course # 15120 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Financial Services CTE Course Level: Introduction School: Prospect	This Course is the introduction option for students to begin exploring the Financial Services CTE pathway. Students will investigate the field of financial management, including how it is impacted by industry standards.
COURSE TITLE:	**Business Accounting and Personal Finance 1**
Course # 15060 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Elective CTE Pathway: Financial Services CTE Course Level: Concentrator School: Prospect	This is an intermediate level course designed to give students an overview of the principles of accounting and the systems used to implement the principles and implement an accounting cycle. This course is for those students that wish to pursue a postsecondary opportunity, or learn more about the Business and Financial Services career industry.
COURSE TITLE:	**Business Accounting and Personal Finance 2**
Course # 15065 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Financial Services CTE Course Level: Capstone School: Prospect	The course will provide an in-depth overview of the principles and procedures of the accounting function in a merchandise business organized as a corporation. Students will master the fundamental concepts of accounting as an essential financial aspect of every business organization. The complete accounting cycle is presented, and students learn how to acquire capital for growth and development, analyze and journalize financial transactions, create and analyze business financial reports, and calculate depreciation for plant assets. In addition, students will be able to analyze and interpret financial reports to make informed business decisions based on data.

CTE/Applied Arts - Marketing, Sales & Services

COURSE TITLE:	Introduction to Business Marketing
Course # 15200 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Marketing CTE Course Level: Introduction School: Leigh, Branham	Introduction to Business Marketing provides an overview of business and technology skills required for current real-world business situations. This one-year course introduces students to the essentials for working in a business environment, managing a business, and owning a business. Employability skills are integrated into activities, tasks, and projects throughout the course. Various forms of technologies will be highlighted to expose students to the emerging technologies affecting the business world. Professional communications skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready
COURSE TITLE:	**Principles of Marketing and Entrepreneurship**
Course # 16091 Course Term: Yearlong Grade Level: 10-11 Graduation Credit: Elective CSU/UC: Electives(g) CTE Pathway: Marketing CTE Course Level: Concentrator School: Leigh	Principles of Marketing and Entrepreneurship is an intermediate course that further details marketing functions including promotion, pricing, marketing research, product planning and management, entrepreneurship, finance, and the use of technology in marketing. The course will focus on innovation, working in teams, prototyping, pitching, vision, leadership and networking. Marketing and entrepreneurship principles are embedded with an instructional emphasis on developing reading, writing, speaking and critical thinking skills as they relate to the business-marketing model. **Prerequisite:** Introduction to Business Marketing is recommended but not required.

CTE/ENGINEERING & TECH

COURSE TITLE:	Introduction to Engineering Design
Course # 15965 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Engineering & Tech CTE Course Level: Introduction School: Branham, Leigh, Westmont	Designed for students interested in pursuing an Engineering Career. IED is recommended as the first course for the PLTW Engineering program. The major focus of IED is the design process and its application. Students use industry standard 3D modeling software, AutoDesk Inventor, to help design solutions to solve problems, document their work using an engineer's notebook, and communicate their solutions orally and in writing. Students are also exposed to research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

COURSE TITLE:	Principles of Engineering
Course # 15980 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Engineering & Tech CTE Course Level: Concentrator School: Branham, Leigh, Westmont	This course of engineering exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. Students develop problem-solving skills and apply their knowledge of research and design to create solutions to various mechanical challenges. They document their work and communicate their solutions. **Prerequisite**: Introduction to Engineering Design (IED) is recommended but not required.
COURSE TITLE:	**Engineering Essentials**
Course # Course Term: Yearlong Grade Level: 9-11 Graduation Credit: CTE CSU/UC: Electives(g) CTE Pathway: Engineering Design CTE Course Level: Introductory School: Branham	Engineering Essentials offers a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences and solve engaging and challenging real-world problems. By inspiring and empowering students with an understanding of engineering and career opportunities, Engineering Essentials broadens participation in engineering education and the engineering profession.
COURSE TITLE:	**Digital Electronics**
Course # 15985 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Applied Arts CSU/UC: Electives(g) CTE Pathway: Engineering & Tech CTE Course Level: Concentrator School: Branham, Leigh, Westmont	Digital Electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where a continuously varying voltage represents information, two discrete voltages or logic levels represent digital signals. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high definition television. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. **Prerequisite**: Introduction to Engineering Design (IED) is recommended but not required.

COURSE TITLE:	Engineering Design and Development
Course # 15990 Course Term: Yearlong Grade Level: 12 Graduation Credit: Applied Arts CSU/UC: Electives(g) CTE Pathway: Engineering & Tech CTE Course Level: Capstone School: Branham, Leigh, Westmont	This capstone course allows students to design a solution to a technical problem of their choosing. They have the chance to design solutions to problems in our world. This is an engineering research course in which students will work in teams to research, design, test, and construct a solution to an open-ended engineering problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead the Way courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable skill set for students in the future. **Prerequisite:** Introduction to Engineering Design (IED) is recommended but not required.
COURSE TITLE:	**Computer Science Principles**
Course # 15995 Course Term: Yearlong Grade Level: 9-11 Graduation Credit: Elective CSU/UC: Electives(g) School: Branham, Leigh	Computer Science Principles (CSP) is a PLTW course to implement the College Board's new AP CS Principle framework. Students work in teams to develop computational thinking and solve problems. The course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. The course also aims to build students' awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills. Each unit focuses on one or more computationally intensive career paths. The course also aims to engage students to consider issues raised by the present and future societal impact of computing. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Problems aim for ground-level entry with no ceiling so that all students can successfully engage the problems. Students with greater motivation, ability, or background knowledge will be challenged to work further.

SVCTE Course Selections

Silicon Valley Career Technical Education Center is the Regional Occupational Center providing career- technical education for **Sophomores**, **Juniors** and **Seniors**. Students can choose from approximately 30 career programs and attend SVCTE every day. Students have a choice of attending 2 hours in the AM (7:30-9:30) earning 20 credits for the year or 3 hours in the PM (12:30-3:30) earning 30 credits for the year. SVCTE is located at 760 Hillsdale Avenue, and transportation is provided. Students interested in this program should contact their guidance counselor. For general information, call SVCTE at (408) 723-6400

Course # 16550 Credit: VAPA UC: “f” VAPA	**Animation** Acquire skills in basic figure drawing, cell animation, 2D and 3D computer animation. Develop an understanding of script writing, storyboarding, and sound design.
Course # 16440 Credit: Elective UC: N/A	**Auto Body Refinishing** Use restoration techniques to prepare the surface of vehicle parts for finished spray painting and detailing work. Learn in a professional shop environment.
Course # 16470 Credit: Elective UC: N/A	**Auto Body Repair** Develop skills of welding, metal straightening and finishing, surface preparation to return cars to pre-accident condition. Become prepared for employment in this industry. Apprenticeships may be available for top students.
Course # 16210 Credit: Elective UC: N/A	**Automotive Services** Study eight areas basic and advanced skills in: automotive brakes and alignment, electrical & electronic systems, automatic and manual transmission repair, engine repair, engine performance, heating, ventilation and air conditioning, and suspension and steering.
Course #16320 Credit: Math UC: “c” Algebra II	**Construction Technology** Design, estimate, and construct buildings with carpentry tools and equipment using industry standards. Receive OSHA safety training: building houses from foundation to roof.
Course #16380 Credit: Bio or Phys Sci UC: “d” Integrated Lab Sci	**Culinary Arts** Students train in our well-equipped kitchen to prepare stocks, cuts of meat, poultry and seafood utilizing a variety of cooking methods. Work in various kitchen positions and restaurant settings while preparing for your career and future college education.
Course #16400 Credit: Bio or Phys Sci UC: “g” Lab Sci – Integrated	**Dental Assisting** Acquire chair-side assisting skills, laboratory and X- ray procedures, with radiation and clinical experience. Make impressions and models. This course offers opportunities for Dental internships.
Course #16350 Credit: Elective UC: N/A	**Electrical Maintenance** Learn electrical installations, troubleshooting and repair in the electrical maintenance field. Successful students are qualified to receive the California Electrical Training Card.

Course #16370 Credit: VAPA UC: “f” VAPA	**Fashion Design and Textile Art** This program will provide you with the opportunity to learn entry level skills in the clothing and fashion field. Style, line, color and design principles will set the tone for creating garments. Students will apply art elements and principles of fine art and design to their work.
Course # 16630 Credit: VAPA UC: “f” VAPA	**Film and Video Production** Learn to write for television and film, storyboarding, directing, and sound design engineering. Produce videos for business and entertainment from script writing to final edit.
Course #16360 Credit: Phys Sci UC: “d” Chemistry	**Fire Science/First Responder** Students will be introduced to Fire Department and Emergency Services related fields and techniques used to perform the job. The class focuses are academics, technical skills, and employability practices.
Course #16250 Credit: Bio UC: “d” Interdisciplinary Sci	**Forensic Science** Develop the knowledge and training related to forensics while exploring the procedures to solve crimes. Topics include investigating crime scenes and laboratory safety rules and regulations.
Course # 16430 Credit: Math UC: “c” Math1	**Heating, Ventilation, and Air Conditioning** Learn maintenance, overhaul, repair, and adjustment of residential and commercial heating, air conditioning, and refrigeration units.
Course #16240 Credit: Elective UC:	**Law Enforcement** Prepare for a career in public and private investigative fields. Understand the criminal justice system, investigate crimes, and improve decision- making skills.
Course # 16590 Credit: Phys Sci UC: “d” Integrated Sci	**Mechatronics Engineering** The combinations of electrical and mechanical engineering where students design, build, and program robotic mechanisms. Students will apply C++ and Python coding to direct microcontroller parts.
Course # 164420 Credit: Bio UC: “g” Elective - Lab Sci – Bio/Life Sci	**Medical Assisting** Learn back office medical procedures. Topics include medical terminology, anatomy and physiology, lab procedures. Clinical training in hospitals, clinics, and doctors' offices is available.
Course # 16410 Credit: Bio UC: “d” Integrated “g” Elective	**Medical Science/Health Careers** This course prepares students who aspire to become nurses & doctors for a career in the medical field. This course focuses on human biology and disease, college preparation, practicing hands-on patient care, medical terms, leadership and teamwork, with hospital internships in emergency, surgery, physical therapy, radiology, pediatrics and more.
Course # 16520 Credit: Elective UC: “g” Elective – Interdisciplinary “c” Geometry	**Metals Technology** Learn welding theory and safety with hands-on experience in operation of welding equipment. Welding is used in auto repair, building construction, ornamental ironwork and many machinery jobs.
Course # 16640 Credit: Math UC: “g” Math/Computer Sci	**Mobile App Design and Computer Coding** Learn multimedia design, web development for Internet technology and programming for mobile platforms and devices. Learn the process of designing, coding and deploying mobile applications for use in ecommerce, productivity, enterprise and web purposes.

Course # 16830 Credit: UC: None	**Pharmacy Technician** This course prepares students with the knowledge and skills required for employment as a pharmacy technician. It focuses on academics, technical skills and employability practices in the pharmacy profession. This class also prepares students to pursue a future career as a Pharmacy Technician.
Course # 16650 Credit: Bio UC: “d” Lab Sci – Bio/Life	**Sports Medicine and Kinesiology** Acquire skills related to basic anatomy and physiology, nutrition, fitness and exercise, taping procedures, vital signs, training room/office management, injury treatment and training, patient care, safety and ethics, and bio-metrics of movement. This class also prepares students to pursue a future career as a Pharmacy Technician.
Course # 16490 Credit: Phys Sci UC: “d” Lab Sci – Physics	**Truck Mechanics** Repair and service the systems and components on light and heavy-duty trucks, and sports utility vehicles. Prepare for jobs in the auto/truck/heavy equipment industry.
Course # 16810 Credit: Bioi UC: “d” Interdisciplinary	**Veterinary Science** Learn anatomy and physiology, as well as animal health and disease, animal behavior, and client communication to prepare for employment in Veterinary careers.

NON-DEPARTMENTAL COURSES

COURSE TITLE:	Theory of Knowledge (TOK)
Course # 11151 (Year 1) 11152 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: Elective CSU/UC: Elective(g) School: Del Mar *UC/CSU Weighted*	Theory of Knowledge (TOK) is a two-year course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. There are two assessment tasks in the TOK course: an essay and a presentation. The essay is externally assessed by the IB, and must be on any one of the six prescribed titles by the IB for each examination session. The teacher internally assesses the presentation, done individually or in a group. *Priority registration will go to IB Diploma Programme candidates
COURSE TITLE:	**Graphic Publication (Yearbook)**
Course # 17760 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Applied Arts CSU/UC: Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is designed to develop students' publishing skills. The main objective of the class is to produce a record of the school year by using photographs, graphic artwork and a copy as means of creative communication. Students master a desktop publishing software program, Adobe InDesign. This class is responsible for producing the high school yearbook.
COURSE TITLE:	**AVID – Advancement Via Individual Determination**
Course # 18900 (AVID 1) 18910 (AVID 2) 18920 (AVID 3) 18930 (AVID Seminar) Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont **This course will meet CTE requirements for graduation*	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. The classroom teacher instructs students using AVID curriculum, focusing on writing, inquiry, and collaboration. Seminars are given in note taking, goal setting, team building, reading improvement, test taking skills, study and time management skills, personal organization, and SAT/ACT preparation. Students also receive tutorial support in the AVID class, which helps students achieve in all their academic courses and prepares them for college work. In addition, students have the opportunity to visit neighboring universities, hear college and career speakers, and participate in artistic and cultural experiences. **Prerequisite**: Application and Interview

COURSE TITLE:	AVID Peer Tutoring
Course # 18945 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: None School: Branham, Del Mar, Leigh, Prospect, Westmont	This course requires the student to be a role model, academic tutor, and life coach to multiple grades and classes. Students will receive instruction in: 1. Professionalism 2. Training and coaching including feedback on tutors, binders, etc. 3. Students will be expected to facilitate large sustained group discussion, one-on-one coaching, checking points of confusion, note taking, and anchor grading. 4. Tutors will be expected to participate in 16 hours of training and multiple follow up meetings.
COURSE TITLE:	**Leadership**
Course # 12930 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective (g) School: Branham, Del Mar, Leigh, Prospect, Westmont **This course will meet CTE requirements for graduation*	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.
COURSE TITLE:	**Student Leadership: Student Board Members**
Course # 12931 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: None School: Branham, Del Mar, Leigh, Prospect, Westmont	This Student Leadership class is intended to provide the Student Board Representatives of the CUHSD Board of Trustees to accomplish their goals and duties as representatives of the CUHSD student body. Students develop their skills in short term and long term goal setting, time management/organization, communication, leadership, school and community services, interpersonal relations, problem-solving, team building, district policy development and evaluation and reflection.

COURSE TITLE:	Peer Tutor
Course # 18940 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: None School: Branham, Del Mar, Prospect, Westmont	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. Recommendation by teacher and/or administration.
COURSE TITLE:	**Student Assistant**
Course # 19100 Course Term: Semester Grade Level: 10-12 Graduation Credit: Elective CSU/UC: None School: Branham, Del Mar, Leigh, Prospect, Westmont	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. *Parent Approval Required*

INTERNATIONAL BACCALAUREATE PROGRAMME

What is IB?

The International Baccalaureate Programme was created in 1968 in response to the educational needs of geographically mobile students. Today IB is a worldwide, comprehensive college preparatory program that has earned a reputation for high quality curriculum and rigorous assessment that give IB diploma holders access to the world's leading universities.

The mission of the IB programme is to "develop inquiring knowledgeable and caring young people who help create a better and more peaceful world through intercultural understanding and respect" (www.ibo.org). The IB programme offers courses within six academic subjects. An IB diploma candidate must select one course from each of the six groups* and study three at the higher level (HL) and three at the standard level (SL). Additionally, diploma candidates must complete the three core components of the IB program: the Theory of Knowledge class; the Extended Essay; and the CAS (Creativity, Activity, and Service) project. The goal for an IB diploma candidate is to pass all 6 exams with a total minimum score of 24 with no failing conditions and successfully complete the three core components of the IB program. Students not wishing to earn the full IB diploma may select IB courses from those subjects of particular interest. As required by the IB Organization, all HL classes are two-year courses. The IB Mathematics SL and IB Math Studies SL courses are also two-year courses. All other IB SL courses at Del Mar High School are one-year courses.

Who is eligible for IB?

All Del Mar High School juniors and seniors are eligible and encouraged to enroll in IB courses. There is no application required to be a part of the IB programme at Del Mar. Some IB classes do require prerequisite courses. For example, students must have successfully completed Integrated Math 3 before they are eligible to enroll in IB Mathematics SL. Students and their families will need to speak with the IB Coordinator and/or their counselor regarding specific questions about prerequisites for specific IB courses and pathways toward earning an IB Diploma.

Why IB?

The IB programme offers a rigorous and high quality education to all of its students. The types of research, writing, thinking and communication of ideas that IB courses require reflect college level expectations. IB not only helps students get into college, but also more importantly, prepares students to be successful in college once they are there. Recent research provides evidence that DP graduates pursue and successfully complete postsecondary studies in higher proportions than other high school graduates (Shah, Dean and Chen 2010; HESA 2011; Caspary 2011; Edwards and Underwood 2012; Coca et al 2012).

**** University Credits***

Depending on the IB score earned and individual college policy, IB scores may lead to earning college credits prior to entering the institution and/or advanced course placement, allowing students to skip a lower division course requirement. For example, the UC awards students who complete the IB diploma with a score of 30 or above with 30 quarter (20 semester) units toward their UC degree. Students who receive IB certificates with scores of 5, 6 or 7 on Higher Level exams may receive 8-quarter (5.3 semester) units at some universities. *Please visit individual university websites for their IB credit/ advanced course placement policy.

IB COURSE LIST
Offered at Del Mar High School

Group 1: Language A IB Language and Literature HL – 2 years	Group 4: Experimental Sciences IB Biology HL – 2 years
Group 2: Language B IB Spanish SL – 1 year IB Spanish HL – 2 year IB French SL – 1 year	Group 5 Mathematics and Computer Science IB Mathematics SL – 2 years IB Mathematical Studies SL – 2 years
Group 3: Individuals and Societies IB History of the Americas HL – 2 years IB Psychology SL – 1 year	Group 6: The Arts IB Music SL – 1 year IB Art SL – 1 year IB Art HL – 2 years

Diploma Programme Core:
IB Theory of Knowledge – 2 years

COURSE TITLE:	IB Language and Literature HL
Course # 11142 (Year 1) 11143 (Year 2) Course Term: Two Year Grade Level: 11 & 12 Graduation Credit: English CSU/UC: English(b) School: Del Mar *UC/CSU Weighted*	The International Baccalaureate Language A: English Language and Literature HL course is a two-year course consisting of four parts: Language in Cultural Context, Language and Mass Communication, Literature: Texts and Context, and Literature: A Critical Study. Students will study and analyze a variety of texts from historical speeches and contemporary mass media with an international focus, such as George Orwell's 1984 (English), Albert Camus' The Stranger in translation (French- Algerian), Margaret Atwood's The Handmaid's Tale (Canadian) Achebe's Things Fall Apart (Nigerian). The course will prepare students for the oral and written IB exams and serve as excellent preparation for rigorous college study. Students who take IB Language and Literature HL and pass the exam with a score of 5 or higher (on a 7-point scale) can earn college credits at UC, CSU, and many private colleges and Universities. **Prerequisite:** English 9 and 10; Students must demonstrate proficiency in English 10 or ICAP English 10.
COURSE TITLE:	**IB Spanish SL**
Course # 14673 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: World Language; General Elective CSU/UC: Language other than English (LOTE)(e), Electives(g) School: Del Mar *UC/CSU Weighted*	The purpose of this one-year course is to foster the language acquisition necessary for students to become proficient in the target language by improving in four language skills: listening, speaking, reading and writing. Students will be able to use the language effectively and respond spontaneously according to the cultural context of a situation. They will also be able to analyze and respond critically in the target language to the topics developed in class. Students will also develop an objective appreciation of the different views of people from other cultures and their cultural legacy. The course will help students become citizens of the world. This course is generally recommended for non-native speakers. **Prerequisite:** Students must demonstrate proficiency through the equivalent of Spanish 3

COURSE TITLE:	IB Spanish HL
Course # 14671 (Year 1) 14672 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: World Language, General Elective CSU/UC: LOTE(e) School: Del Mar	The objective of this advanced two-year course is to master the receptive, productive and interactive skills through the use of daily interaction and authentic texts in Spanish. Students will develop the skills necessary to analyze and synthesize a variety of written texts as well as audios and communicate their ideas in Spanish through discussion and in writing based on the text types learned in class. Conversational skills are practiced daily while discussing assigned readings, current events, and in general classroom interactions. This course is designed to develop English-Spanish bilingualism and to prepare students for success on the IB Spanish HL Language B examination and is conducted entirely in Spanish. An extensive study of different text types (e.g. blogs, brochures, formal and informal letter writing, etc.) is also included. It is assumed that students have previously been exposed to advanced language structures in the courses leading up to the IB HL Spanish Language course; however, review of the mechanics is done within the contextual framework of each unit as needed. This course is generally recommended for native or heritage speakers. **Prerequisite:** Students must demonstrate proficiency through the equivalent of Spanish 3 or Spanish for Spanish Speakers 2.
COURSE TITLE:	**IB French SL**
Course # 14531 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: World Language; General Elective CSU/UC: (LOTE)(e), Elective(g) School: Del Mar *UC/CSU Weighted*	IB French Standard Level is a yearlong course that emphasizes advanced communication in all areas of the language through debates, discussions, essays, and authentic texts and situations. Emphasis is placed on internationalism, global issues, and cross-cultural connections. Student's language skills will be developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. The material chosen will enable students to develop mastery of language skills and intercultural understanding. **Prerequisite:** Students must demonstrate proficiency through the equivalent of French 3.

COURSE TITLE:	IB History of the Americas HL
Course # 12012 (Year 1) 12013 (Year 2) Course Term: 2 Year Grade Level: 11(Year 1) & 12(Year 2) Graduation Credit: Hist/Social Science CSU/UC: History(a), Electives(g) School: Del Mar *UC/CSU Weighted*	The IB History of the Americas HL course is a two-year course that aims to promote an understanding of history as a discipline, including the nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. The first year of the course will focus on the causes, course, and effects of six distinct periods and events prior to the 20th century in the Americas. This means that in addition to US history, the events and periods studied will also include the experiences and histories of Canada, Mexico, Central America, the Caribbean and South America. The second year of the course will focus on three 20th century topics— Causes, practices, and effects of War, The Great Depression, The Cold War, and Civil Rights Movements—Post 1945. These topics will be explored from a variety of perspectives from the Western Hemisphere, as well as from two additional regions of the world (Africa, Asia, Europe, or the Middle East).
COURSE TITLE:	**IB Psychology SL**
Course # 12382 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Hist/Social Science CSU/UC: College - Prep Elective(g) School: Del Mar	IB Psychology SL is a one-year course that asks the fundamental questions of "Why do people behave the way that they do in certain situations?" and "How can people change their behaviors?" The course emphasizes historically significant research and research methodology. Students are expected to develop their critical thinking and research skills throughout the course. Each student will be required to complete an Internal Assessment. The Internal Assessment includes researching background information, planning, and conducting a research experiment.
COURSE TITLE:	**IB Biology HL**
Course # 13551 (Year 1) 13552 (Year 2) Course Term: Two Years Grade Level: 11 & 12 Graduation Credit: Science, Gen Elective (Year 2) CSU/UC: Lab Science(d), College-Prep Electives (g) School: Del Mar	IB Biology HL is a two-year course that is designed to be the equivalent of a two-semester college introductory biology course. The goals of IB Biology HL are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Students will learn about biology in an internationally relevant context. Through hands-on experiences, students will develop the skills of a scientist. A student's IB score for this course is based on three external assessments and one internal assessment. The external assessments are written exams comprising multiple-choice and free-response questions; these tests are taken at the end of the second year. The internal assessment requires each student to design their own experiment related to biology concepts and report their results and conclusions in a report similar to a paper published in a scientific journal. **Prerequisite:** Proficiency in Chemistry

COURSE TITLE:	IB Environmental Systems and Society
Course # 13745 Course Term: Yearlong; offered every other year during even-numbered years (e.g. 2020-2021; 2022-2023; etc.) Grade Levels: 11 or 12 Graduation Credit: General Elective CSU/UC: Lab Science(d); College-Prep Elective (g) School: Del Mar	This one-year course gives students an understanding of the relationship between the environment and society. The goal of the course is to allow students to learn about the wide range of environmental issues affecting Earth. This course will explore the scientific, ethical and political aspects of environmental issues. The course covers concepts such as human population and Earth's resources, Earth's carrying capacity (how much life can Earth support), conservation of wildlife and natural ecosystems, pollution management, climate change, environmental values and cultures, and sustainability. This course is both lab-based and field-based, students will collect data inside and outside to make informed decisions to propose solutions to problems related to the environment. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.
COURSE TITLE:	**IB Sports Exercise and Health Science**
Course # 13052 Course Term: Yearlong Grade Levels: 11-12 Graduation Credit: General Elective CSU/UC: Science (d); College-Prep Elective (g) School: Del Mar	Sports Exercise and Health Science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is an applied science course within group 4, with aspects of biological and physical science being studied in the specific context of sports, exercise and health. The subject matter goes beyond the traditional science subjects to offer a deeper understanding of the issues related to sports, exercise and health in the 21st century. Apart from being worthy of study in its own right, SEHS is a good preparation for courses in higher or further education related to sports fitness and health, and serves as useful preparation for employment in sports and leisure industries. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. **Prerequisite:** Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	IB Mathematics: Applications and Interpretations
Course # 14064 Course Term: Yearlong Grade Level: 12 Graduation Credit: Mathematics, General Elective CSU/UC: Mathematics(c) School: Del Mar *UC/CSU Weighted*	Mathematics: Applications and interpretation SL and HL is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take Mathematics: Applications and interpretation will be those who enjoy mathematics best when seen in a practical context. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology, and design, for example. **Prerequisite:** Proficiency in Integrated Math 2
COURSE TITLE:	**IB Art SL**
Course # 17041 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: Visual & Performing Arts; General Elective Applied Arts CSU/UC: Visual & Performing Arts(f); College-Prep Elective (g) School: Del Mar *UC/CSU Weighted*	The IB Visual Arts SL course is a one-year class that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. The students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 10-15 screens. They will also explore 2 different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 9-18 screens. Four to seven works that demonstrate a thematic concentration will be displayed through their own curative practices. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. **Prerequisite:** One year of any visual art class (Art 1, 3D 1 or Digital Photo 1) It is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.

COURSE TITLE:	IB Art HL
Course # 17042 (Year 1) 17043 (Year 2) Course Term: Two Year Grade Level: 11 & 12 Graduation Credit: Visual & Performing Arts; General Elective CSU/UC: Visual & Performing Arts(f); College-Prep Elective (g) School: Del Mar *UC/CSU Weighted*	The IB Visual Arts HL course is a two-year course that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. Students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 13-20 screens. They will also explore three different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 13-25 screens. Eight to eleven works that demonstrate a thematic concentration will be displayed through their own curative practices which will require them to be selective through self-reflection, well written curatorial rationales, and awareness to how viewers will engage with their themed work. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. **Prerequisite**: One year of any visual art class (Art 1, 3D 1 or Digital Photo 1) is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.
COURSE TITLE:	**IB Music SL**
Course # 17601 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: Visual & Performing Arts; General Elective CSU/UC: VAPA (f); College-Prep Elective (g) School: Del Mar *UC/CSU Weighted*	The one-year IB Music SL course will be embedded in the existing Symphonic Band and Concert Choir courses as part of the overall curriculum. In addition to the existing course of study, the IB students will be analyzing and creating written responses based on the medium, melody, harmony, meter, form, style and context of a wide variety of music from western and non-western cultures and genres. Students will also be prepared to analyze and respond to directed questions on the exam related to at least one major work over a two-year period. Lastly, the students will hone their listening and critical thinking skills by listening and creating written responses to examples of music from a wide variety of cultures and genres. **Prerequisite**: Students must demonstrate proficiency in Choir, Guitar, or Band.
COURSE TITLE:	**Theory of Knowledge (TOK)**
Course # 11151 (Year 1) 11151 (Year 2) Course Term: 2 Year Grade Level: 11 & 12 Graduation Credit: Elective CSU/UC: Elective(g) School: Del Mar	Theory of Knowledge (TOK) is a two-year course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. There are two assessment tasks in the TOK course: an essay, and a presentation. The essay is externally assessed by the IB, and must be on any one of the six prescribed titles issued by the IB for each examination session. The teacher internally assesses the presentation, done individually or in a group. *Priority registration will go to IB Diploma Program candidates.*

COMMUNITY COLLEGE PROGRAMS	
COURSE TITLE:	**American Sign Language**
Course # 19300 Course Term: Semester Grade Level: 9-12 Graduation Credit: World Language CSU/UC: Language other than English (LOTE)(e) School: WVCC course taught at alternating sites.	This course will teach basic signs, grammar, fingerspelling, and the cultural aspects of deafness. Students will learn basic communication as well as song signing. Total participation is mandatory in order to properly learn the language. Activities will include: students working in pairs or groups, role playing, skits, songs, and impromptu presentations. In addition to written homework, students are expected to study/practice the language outside of the classroom on a daily basis. Students will also be required to complete a book report and attend one out-of-class function.
COURSE TITLE:	**American Sign Language 2**
Course # 19310 Course Term: Semester Grade Level: 9-12 Graduation Credit: World Language CSU/UC: Lang other than English (LOTE)(e) School: WVCC course taught at Leigh and Branham	This course will teach manual communication emphasizing the vocabulary and syntax, finger spelling and introduction to American Sign Language to equip the student to communicate with the deaf on a conversational level. Some stress is placed on the educational, social, psychological and economic problems of deafness. **Prerequisite:** Passed American Sign Language 1 with a C or better.
COURSE TITLE:	**The Middle College Program**
Grades 11-12 ● West Valley Community College courses taught at WVCC campus ● Application Required	The Middle College Program is a high school alternative for juniors and seniors that offers students with a minimum 2.8 GPA and 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 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.

COURSE TITLE:	The College Advantage Program
Grade 12 ● West Valley Community College courses taught at WVCC campus ● Qualified students are selected for participation	The College Advantage Program is an educational option for high performing seniors, who have at least a 3.8 weighted GPA, to complete a year of college while completing the requirements for their high school diploma. Their entire senior year is spent at West Valley College in a variety of college courses in English, mathematics, science, humanities, and social science. They may begin a certificate program, an associate degree and/or accrue transferable college credits for a four-year university. There is an option to participate in a college honors program. Upon completion of high school graduation requirements; students will receive a diploma from their home high school. **For information**, please contact your Guidance Advisor.

SPECIAL EDUCATION

Campbell Union High School District ensures that all students with exceptional needs are provided a free and appropriate public education and related services in the least restrictive environment. CUHSD coordinates with school districts within the Special Education Local Planning Area (SELPA) and the Santa Clara County Office of Education (SCCOE) to provide a continuum of services for students with special needs who are of high school age.

LEAST RESTRICTIVE ENVIRONMENT

To the maximum extent appropriate, students with disabilities are educated with students who are not disabled. This would include students attending their neighborhood school whenever possible.

SERVICES

Students who qualify for Specialized Academic Instruction may receive services based on student need. The IEP Team will develop an individual program in the least restrictive environment

COMPLETING HIGH SCHOOL

The district provides three options for special needs students for completion of their high school program

DIPLOMA	Students may earn a standard high school diploma upon meeting the district graduation requirements of 220 credits, which includes 2 years of math, one of which is the state required Algebra 1 content.
EDUCATIONAL ACHIEVEMENT CERTIFICATE (EAC)	Special needs students who may be challenged by Algebra 1 may earn an EAC upon meeting all district requirements except for Algebra 1 content.
CERTIFICATE OF COMPLETION (COC)	Students participating in the Life Skills program may earn a Certificate of Completion based upon completing their prescribed educational program as determined by their Individual Education Program (IEP).

Boynton High School
901 Boynton Avenue
San Jose, CA 95117
(408)626-3404

Boynton High School is Campbell Union High School District's continuation high school that provides an alternative educational environment for students in 11th or 12th grade, who are deficient in credits, and are at-risk of not graduating. Boynton placement is determined through a referral process from a student's home school or by District administrative placement.

The mission of Boynton High School is for students, parents, staff and community members to work together to create a safe environment recognizing individual differences, celebrating cultural diversity, and using curriculum aligned with the common core state standards. Student/Teacher relationships are at the core of the instructional model used at Boynton. Boynton staff provides an encouraging environment that supports the social and emotional needs of students. Teachers challenge students academically by personalizing and differentiating instruction. Boynton's student learning outcomes identified in the school's WASC report focuses on developing problem solving skills, communication skills and technology skills to prepare our students for life in the 21st century. We want all students to leave Boynton College/Career ready.

A comprehensive guidance program includes an Advisory period four days a week, flexible scheduling, college and career exploration, and individualized graduation plans. Students at Boynton earn a traditional high school diploma by completing 220 credits. Boynton has a block schedule. Classes begin at 8:30am Monday-Friday and dismiss at 1:55pm with the exception of every Wednesday in which the students are dismissed at 11:40am.

For more information on the referral process, families need to contact the Counselor or Assistant Principal at their home school. For specific information about Boynton's schedule, course offerings, or credit recovery, contact the Assistant Principal at Boynton.