



Millikan High School 2800 Snowden Avenue Long Beach, California 90815 (562) 425-7441

Course Catalog 2025-2026

Table of Contents

English Language Arts English Language Development **History-Social Science** Interdepartmental **Mathematics** Pathway-Aligned CTE Courses: COMPASS **MBA PEACE** SEGA **QUEST (Non-affiliated; no CTE courses) **Performing Arts** Physical Education Science **Special Education** Visual Arts **World Languages Courses of Study**

Elective Options

Notes

- All courses are NCAA approved unless otherwise noted.
- Advanced Placement (AP)
 courses: Students who pass the
 AP exam have the opportunity
 to earn credit or advanced
 standing at most of the nation's
 colleges and universities.

Dear Rams,

This is the 2025-2026 Millikan Course Catalog. You should explore this document to learn more about the courses that are available to you. Below, you will find the minimum requirements for graduating, meeting a-g, and meeting NCAA. Please feel free to reach out to your counselor with any questions.

LBUSD Graduation Requirements

Credits: 220 semester credits (160 credits for required courses + 60 elective credits)

English: 40 semester credits in English 1-2, 3-4, 5-6 and one of the approved 10-credit Senior English courses.

History/Social Science: 30 semester credits in Modern World History, U.S. History, U.S. Government, and Economics.

Mathematics: 40 credits in mathematics with at least one course or a combination of two courses that meet or exceed Algebra 1-2.

Science: 20 semester credits (10 credits in biological/life and 10 credits in physical/earth; or 20 credits in integrated science.

Physical Education: 20 semester credits.

Fine Arts or Foreign Language: 10 semester credits.







For NCAA Requirements, visit:

http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf

English Language Arts

AP English Language & Composition (1458)



Length of Course: 2 semesters This course meets the "b" requirement,

This course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. By their writing and reading in this course, students should become aware of the way generic conventions and the resources of language contribute to effective writing.

AP English Literature & Composition (1449) Length of Course: 2 semesters

critical

values.

This course meets the "b" requirement.

This college-level course engages

students in the careful reading and

literature. Students consider a work's

structure, style, and themes, as well as

much smaller-scale elements. The

course includes intensive study of representative works from various

genres and periods from the 16th to the 20th century. Students consider a work's

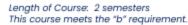
literary artistry and social and historical

analysis of



imaginative

AP Seminar - English 10 (TBD)



Course description to be determined.

Not NCAA Approved

Creative Writing 1-2 (1451)



Length of Course: 1-2 semesters This course meets the "q" requirement.

Students will implement the writing process to explore and create effective writing. Each participant is a writer and an artist in a community of writers which serves as a sounding board, editor, audience, etc. Each writer will choose one genre on which to focus her/his primary body of work, through a of instructor student-generated exercises, each writer will explore a variety of other genres.

CSU Expository Reading & Writing (ERWC) (1474)



B

Length of Course: 2 semesters This course meets the "b" requirement.

This course prepares college-bound students for the literacy demands of higher education. Students learn a process for reading, comprehending, and responding to nonfiction and literary texts. Students also learn research methods and documentation conventions.

Diverse Voice & Media Literacy (1470)



Length of Course: 2 semesters This course meets the "b" requirement

Students will engage in the exploration of media and their own identity as media consumers and producers. Students will research the impact and benefits that media has on society and will examine the relationships between media and audiences, information and power. Students will be able to access. analyze, evaluate, create and promote action using all forms of media communication.

Elements of Journalism (1459)



B

Length of Course: 1-2 semesters This course meets the "g" requirement.

This course includes a study of modern newspapers, the history of journalism in United States, newspaper organization, analysis of news, the effects of propaganda, and news gathering and writing. In the second semester, students focus upon a study of the physical makeup of a newspaper and the production of a cub edition.

English 1-2 (1401)



Length of Course: 2 semesters This course meets the "b" requirement.

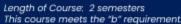
Students will construct meaning from and interact with all genres of literature and non-fiction texts. Writing activities extensions of experiences developed through interactions with texts, and students will use the writing process in a variety of genres, including persuasive, expository, narrative, and response to literature. Students receive instruction in conventions of written language, reading strategies, oral communication, and research techniques.

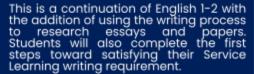
English 1-2 Accelerated (1403)



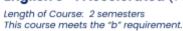
See the description of English 1-2. Students pursue a balanced, integrated standards-based program of literature and language studies, which is accelerated, enriched, and differentiated and designed to prepare them for AP courses. A comprehensive final will be given at the end of the course.

English 3-4 (1408)





English 3-4 Accelerated (1407)



Students will continue to pursue a balanced, integrated standards-based program of literature and language studies, which is accelerated, enriched, differentiated, and designed to prepare them for AP courses. Students will strategies to construct meaning from and interact thoughtfully with all genres of literature and non-fiction texts.

English 5-6 (1410)



Length of Course: 2 semesters This course meets the "b" requirement.

Students will engage in a variety of standards-based academic creative writing tasks which connect both fiction and non-fiction to their life experiences. Students will use the writing process in a variety of genres and engage in close reading and exploration of themes in American litérature. Students read and respond to historically and/or culturally significant American fiction and non-fiction works.

English Language Arts (continued)

Journalism: Production/Management (1458)



Length of Course: 1-2 semesters This course meets the "g" requirement.

Students learn about newspaper production through the publication of the school paper. The course offers instruction and practice in copywriting and editing, proofreading, writing of features stories, editorial, and human-interest stories, critical reviews of plays, books, and movies, headline writing, and business management.

English Language Development (ELD)

Advanced English Language Development (1743)

Length of Course: 2 semesters

This course is designed for students who display oral English fluency at the Beginning/Somewhat Developing level and have some literacy skills in English. The course is driven by the ELD Standards focusing on interacting in meaningful ways, learning how English works, and foundational literacy skills, The curriculum includes a blend of digital and print resources.

Not NCAA Approved

Diverse Voices & Media Literacy ELD (TBD)

Length of Course: 2 semesters Course description to be determined. Not NCAA Approved

Advanced ELD Workshop (1747)

Length of Course: 2 semesters

This course is designed for students who display oral English fluency at the Beginning/Somewhat Developing level and have some literacy skills in English. The course is driven by the ELD Standards focusing on interacting in meaningful ways, learning how English works, and foundational literacy skills. The curriculum includes a blénd of digital and print resources.

Not NCAA Approved

Ethnic Studies: Our American Histories ELD (TBD)

Length of Course: 2 semesters Course description to be determined. Not NCAA Approved

Beginning English Language Development (1715)

Length of Course: 2 semesters

This course is designed for Newcomer students who display oral English fluency at the Emerging/Beginning level and have limited/no literacy skills in English. The course is driven by the ELD Standards focusing on interacting in meaningful ways, learning how English works, and foundational literacy skills. The curriculum includes a blend of digital and print resources.

Not NCAA Approved

Beginning ELD Workshop (1717)

Length of Course: 2 semesters

This course is designed for students who need a second block of ELD support to receive ELD instruction. The course is driven by the ELD Standards focusing on interacting in meaningful ways, learning how English works, and foundational literacy skills. The curriculum includes a blend of digital and print resources.

Not NCAA Approved

Global Art Studies ELD (TBD)

Lenath of Course: 2 semesters Course description to be determined. Not NCAA Approved

Modern World History ELD (TBD)

Length of Course: 2 semesters Course description to be determined. Not NCAA Approved

History - Social Science

AP African American Studies (2256)



Length of Course: 2 semesters This course meets the "a" requirement.

This is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment.

Not NCAA Approved

AP Human Geography (2323)



Length of Course: 2 semesters This course meets the "a" requirement.

This is a course designed to meet or exceed the experience of an introductory one-semester college human geography course. The purpose of the course is to utilize geographic processes to systematically study and understand spatial patterns that are evident in the world in which we live.

AP Macroeconomics (2366)



Length of Course: 1 semester This course meets the "g" requirement.

The purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. There is an emphasis on the study of national income and price-lével determination and also economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

AP Psychology (2224) Length of Course: 2 semesters

bráctice.



This course meets the "q" requirement This course introduces 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 the major 'subfield of psychology. They also leárn

about the ethics and methods

psychologist use in their science and

AP U.S. Government & Politics (2234)



Length of Course: 2 semesters This course meets the "a" requirement

This course provides students an understanding of the democratic process in America in contrast to other forms of government. Students will develop the knowledge and skills necessary to prepare then successfully complete the AP test. them to

AP U.S. History (2236)



Length of Course: 2 semesters This course meets the "a" requirement.

This course provides students with the skills and knowledge necessary to deal critically with the problems and materials in U.S. history. Students learn to assess historical materials - their relevance to a given interpretive problem, reliability, and importance -and to weight the evidence and interpretations presented in historical scholarship. Students develop the skills necessary to arrive at conclusions on the basis of an informed judgment.

AP World History (2318)



Length of Course: 2 semesters This course meets the "a" requirement.

The purpose of this course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This underständing is advanced through a combination of selective factual knowledge and appropriate analytical skills. This course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies.

Criminal & Civil Law (2207)



Length of Course: 1 semester This course meets the "g" requirement.

This course provides students with an overview of the criminal and juvenile justice systems. Students will explore the meaning of crime and justice, and the relationship between criminal justice and social justice. Students will explore areas of criminal constitutional and civil rights and how the system functions for adults and juveniles. Students will learn about advocacy and policy by researching how individuals and groups can take action to reform our legal system.

Economics (2311) Economics Accelerated (2360)



Length of Course: 1 semester This course meets the "g" requirement.

Economics is the study of how people choose to use resources. The course also provides an important frame from which to consider the impact of governmental action (or inaction) on the lives of its citizens. Understanding how the economy functions and how economic reasóning can inform decision-making will provide students with the tools they need to become financially literate and independent.

Intro to Psychology (2227)



Length of Course: I semester This course meets the "g" requirement.

This course introduces students to the discipline as they learn about various careers associated within this field of study. The focus of this course is on human development, personality, psychological disorders and treatment, biólogical reasons for human behavior as well as scientific research. Students study such topics as influences of heredity and environment personálity, abnormal behavior, biopsychology and experimental desigń.

Intro to Sociology (2231)



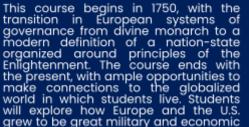
This course is designed to introduce students to the kinds of questions sociologists ask about society and to some contrasting approaches to reaching conclusions. The course, which deals with selected social concepts significant to students, is designed to involve them in exploring these include concepts. Concepts socialization, institutions, social stratification, and changes in social order.

Modern World History (2271)



Length of Course: 2 semesters This course meets the "a" requirement.

powers.



History - Social Science (continued)

U.S. Government (2241)

Length of Course: I semester This course meets the "a" requirement.

This course prepares students to vote, and to be informed, skilled, and engaged participants in civic life. Students learn about the responsibilities as voting members of an informed electorate, the benefits to democracy of an electorate willing to compromise, practice genuine tolerance and respect of others, and actively engage in an ethical and civil society. Students will also study historical and modern problems of American democracy.



Length of Course: 2 semesters This course meets the "a" requirement.



Students examine the major turning points in U.S. history from the Industrial Revolution through the twenty-first century. There is also an emphasis on the emergency of a global economy, the impact of technology on American society and culture, the women's rights and civil rights movements, and the role of the U.S. as a major world power. Students will analyze complex secondary and primary sources, as well as write argumentative essays.

Interdepartmental

Advancement Via Individual Determination (AVID) 9 (2836)

Length of Course: 2 semesters This course meets the "g" requirement.

This course is designed for students with a 2.0-3.5 GPA who have a desire to go to college. Students learn strategies to enhance success in college-prep coursework. Students work individually and in tutor-led collaborative groups. Some strategies learned are: focused note-taking, effective writing and reading to learn strategies, speaking and listening presentation, and test-taking strätegies.

Not NCAA Approved

AP Research (1456)

Length of Course: 2 semesters This course meets the "g" requirement.

This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Students design, plan, and conduct a year-long research-based investigation address a research question. Students further their skills 'acquired in AP Seminar by understanding research employing methodology, ethical research practices, and accessing, analyzing, and synthesizing information.

Not NCAA Approved

Laboratory Assistant (2851)

Length of Course: 1-2 semesters

Practical laboratory experiences in the preparation and maintenance laboratory materials. The student assists the teacher in setting up the equipment for class laboratory work and demonstrations.

Not NCAA Approved

Advancement Via Individual Determination (AVID) 10 (2837) G

Length of Course: 2 semesters This course meets the "g" requirement.

This course is designed for students with a 2.0-3.5 GPA who have a desire to go to college. Students learn strategies to enhancé success in college-prep coursework. Students work individually and in tutor-led collaborative groups. Some strategies learned are: focused note-taking, effective writing and reading to learn strategies, speaking listening presentation, and test-taking strätegies.

Not NCAA Approved

AP Seminar (1453)

Length of Course: 2 semesters This course meets the "b" requirement.

This course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations.

Not NCAA Approved

Office Assistant (2815)

Length of Course: 1-2 semesters

Office assistants are assigned to work in various school offices. They learn filing systems, do typing and/or duplicating tásks, answer telephones, takě messages, and acquire general office work experience.

Not NCAA Approved

Advancement Via Individual Determination (AVID) 11 (2802)

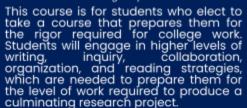
Lenath of Course: 2 semesters This course meets the "g" requirement.

This course prepares students for entrance into 'a four-year college or university with an emphasis analytical writing, preparation for college entrance and placement tests, college study skills and test-taking, oral presentation skills, note-taking, and research. Students are required to complete weekly timed writings and participate in análytical discourses in all subjects.

Not NCAA Approved

AVID Senior Seminar (2807)

Length of Course: 2 semesters This course meets the "g" requirement.



Not NCAA Approved

Digital Design & Yearbook Publication 1-2 (2830)

Length of Course: 2 semesters This course meets the "g" requirement.

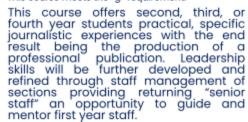
This course is designed to provide journalistic practical, specific experiences with the main, end result being the production of a professional publication. Creativity and the artistic process will be used in creating layouts and designs to put together and publish the yearbook

Not NCAA Approved

Application Required

Digital Design & Yearbook **Publication 3-4** (2831)

Length of Course: 2-4 semesters This course meets the "g" requirement.



Not NCAA Approved

Application Required

Pathway Ambassadors 1-2 (1692)

Length of Course: 2 semesters This course meets the "b" requirement.

LBUSD Student Ambassador program is designed to train and develop student leaders in supporting and sustaining the LBUSD'Linked Learning Initiative. The Ambassadors serve the school by raising awareness of the various SLC/Pathways amona businesses, other outside organizations, parents, and prospective academy students, and within each school community.

Not NCAA Approved

Application Required

Pathways to Higher Education College Readiness (2839)

Length of Course: 9 weeks

This class is designed to prepare students in an academic context for entrance into a post-secondary educational institution. There will be an emphasis on preparation for college entrance and placement tests, time management and study skills, test taking, career preparation and choices. Students will learn college research strategies, gain insight into the college application process and financial aid obtions.



Interdepartmental (continued)

Student Council (2800)

Length of Course: 2-4 semesters

Training and practical experience in organizing and administering activities connected with student body functions.

Not NCAA Approved

Application Required

Mathematics

Algebra 1 (2986)

Length of Course: 2 semesters This course meets the "c" requirement.



This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, and Statistics and Probability. The scope is limited to linear, quadratic, and exponential expressions and functions as well as some work with absolute value, step, and functions that are piecewise-defined. Successful completion of this course, or an equivalent sequence, is a graduation requirement.

AP Calculus BC (3159)

Length of Course: 2 semesters This course meets the "c" requirement.

See the description of AP Calculus AB. The curriculum of AP Calculus BC is equivalent to that of a first-semester college calculus course and a second-semester college single-variable calculus course. addition to the content in AP Calculus AB, this course addresses different types of equations and introduces the tópics of sequences and series.

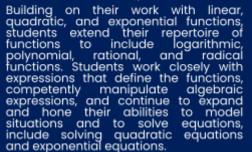
Finite Math (3150)

Length of Course: 2 semesters This course meets the "c" requirement.

This course is comparable to the Finite Math courses taught at the college level. Topics include Linear Functions. Matrices, Linear Programming, Finance, Counting Techniques, Probability, and Statistics. Concepts are introduced with concrete, real-life examples chosen from current topics and issues in the media. Special emphasis is placed on helping students formulate, solve, and interpret the results of applied problems.

Algebra 2 (2963)

Length of Course: 2 semesters This course meets the "c" requirement



AP Computer Science Principles (1371)

Length of Course: 2 semesters This course meets the "d" requirement.

This course is equivalent first-semester introductory college computing course. introduces It computer science with fundamental topics including problem solving, design and methodologies, organization of data, approaches to processing data, analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem sólving and design.

Functions/Statistics/ Trigonometry (3069)

Length of Course: 2 semesters This course meets the "c" requirement.

Students learn to use graphing calculators and computers. Functions, statistics, and trigonometry are integrated and reality oriented. Reading and problem solving are emphasized. Concepts covered include inequality, distance with coordinates, infinity, rate of change, sequence, function, limit, maximum-minimum, and summation notation, which are all concepts in calculus administration.

Algebra 2 Accelerated (2964)

Length of Course: 2 semesters This course meets the "c" requirement.

This course is designed for the advanced math student who wishes to continue with AP Precalculus and AP Calculus. Students extend their repertoire of functions to include logarithmic, polynomial, rational, and radical functions. Students work closely with expressions that define the functions, competently manipulate algebraic expressions, and continue to expand and hone their abilities to model situations and to solve eauations.

AP Calculus AB (3158)

Length of Course: 2 semesters This course meets the "c" requirement.

This course is designed to develop mathematical knowledge conceptually; guiding students to connect topics and throughout' representations course and to apply strategies and techniques to solve diverse types of problems. The curriculum is equivalent to that of a first-semester college calculus course devoted to topics in differential and integral calculus, including limits, derivatives, integrals, and the Fundamental Theorem of Calculus.

AP Precalculus (3053)

Length of Course: 2 semesters This course meets the "c" requirement.

This course is for the advanced math student who wishes to continue with AP Calculus It combines the trigonometric, geometric, and algebraic techniques needed to prepare for the study of calculus, and strengthens students' conceptual understanding of problems and mathematical reasoning in solving problems. Facility with these topics is especially important for students intending to study calculus, physics, and other sciences, and/or engineering in college.

AP Statistics (3157)

Length of Course: 2 semesters This course meets the "c" requirement.

This course is equivalent to a one-semester, introductory, non-calculus-based, college course in statistics. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference.

Geometry (2970)

Length of Course: 2 semesters This course meets the "c" requirement.

The purpose of this course is to formalize and emend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, presenting and hearing formal mathematical arguments. Transformation are emphasized in this course.

Geometry Accelerated (2971)

Lenath of Course: 2 semesters This course meets the "c" requirement.

This course is designed for the advanced math student who wishes to continue with Algebra 2 Accelerated, AP Precalculus, and AP Calculus. Students explore more complex geometric situations and deepen explanations of aeometric relationships. presenting and hearing mathematical ărguments. Transformations are emphasized in this course.





Mathematics (continued)

Introduction to Applied Math (2974)

Length of Course: 2 semesters

This course prepares students to enter the workforce or to attend college with an understanding of math in the real world. This course will help students develop quantitative literacy as a habit of mind and an approach to problems that employs and enhances both statistics and math. Topics address the math used to run our country's households, businesses, and governments.

Not NCAA Approved

Introduction to Data Science (2971)

Length of Course: 2 semesters This course meets the "c" requirement.

This course emphasizes the use of statistics and computation as tools for creative work, as a means of telling stories with data. Its content will prepare students to "read" and think critically about existing data stories. This course will be about how we tell good stories from bad, through a practice that involves compiling evidence from one or more sources and often requires hands-on examination of one or more data sets.

Pre-Calculus (3057)

Length of Course: 2 semesters This course meets the "c" requirement.



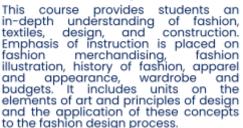
The course combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus, and strengthens students' conceptual understanding of problems and mathematical reasoning in solving problems. Facility with these topics is especially important for students intending to study calculus, physics, and other sciences, and/or engineering in college.

For details on mathematics progression, please click <u>here</u>.

COMPASS Courses

Advanced Fashion, Textiles, & Apparel (2429)

Length of Course: 2 semesters This course meets the "f" requirement.



Not NCAA Approved

Introduction to Fashion, Apparel & Design (2431)

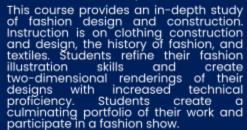
Length of Course: 2 semesters This course meets the "f" requirement.



Not NCAA Approved

Fashion, Textiles, & Apparel (2426)

Length of Course: 2 semesters This course meets the "f" requirement.



Not NCAA Approved

Production & Managerial Arts Introduction (TBD)

Length of Course: 2 semesters This course meets the "__" requirement.

Course description to be determined.

Not NCAA Approved

MBA Courses

Introduction to Business & Finance (2429)

Length of Course: 2 semesters This course meets the "g" requirement.

This course will allow students to learn the fundamental business and financial skills that will allow them to enter into adulthood with a clear understanding of consumer economics. This course offers a practical overview of all areas of business including banking, investments, income taxes, credit cards, loans, basic economic concepts, stocks, and marketing.

Not NCAA Approved

Professionalism in Business & Marketing (1214)

Length of Course: 2 semesters This course meets the "g" requirement.

This course focuses on teaching the importance of ethics in business and on introducing the key principles and elements of marketing. Each unit has a component of ethics and then corresponding marketing principles and elements. This will leave students with the understanding that in business and especially marketing, integrity and honesty are key to long term business success.

Not NCAA Approved

Management for Entrepreneurs (6034)

Length of Course: 2 semesters This course meets the "g" requirement.

This course consists of planning, controlling leading, and organization or effort to accomplish a goal. Students learn entrepreneurship ănd business fundamentals, allocation, goal-setting, resource organizational structure and management techniques, financial data, risk management, information technology, and vlagus management.







PEACE Courses

Constitutional Law (2264)



Length of Course: 2 semesters This course meets the "g" requirement.

This course covers the main themes of the constitution, along with the development of constitutional law from the founding of America to present times. Basic techniques of constitutional interpretation will be explored and precedent-setting cases will be examined through their effects on today's current legal field.

Foundations in Law (2208)

Justice in America (2215)

This course meets the "a" requirement.

This course is designed to provide

students with the necessary skills and

content knowledge in American

Government to pursue a career in the

government services and legal sectors,

as well as become informed, active

citizens in their respective communities.

Students will understand the the

principles on which the U.S. was

Length of Course: 2 semesters

founded.

Not NCAA Approved



G

In this course, students explore the concepts of law, justice, and power. This course engages students by asking them to grapple with questions about human nature, justice and fairness, crime and punishment, and the citizen's role in a democratic society. Students will experience law and justice as dynamic forces, shaped by people and events over time...

Introduction to Social Justice (2131)



Length of Course: 2 semesters This course meets the "g" requirement.

In this course, students will explore multiple definitions of social justice and methods used to promote social change. Students evaluate how self and group identities shape individual perception and communities by investigating social identities and the agents of socialization and evaluate power dynamics by analyzing the distribution of wealth and power.

Recommended for PEACE students.

Mock Trial (2210)



Length of Course: 2 semesters This course meets the "g" requirement.

This course will familiarize students with basic concepts of law, the American justice system and teach them effective trial advocacy techniques. Students will learn about persuasive oral presentation, critical thinking, legal analysis and public speaking as they actively participate in trial court case studies and mock trials.

Not NCAA Approved

SEGA Courses

Level 1: Game Design (1391)



Length of Course: 2 semesters This course meets the "g" requirement.

This course examines the art, structure, and languages of video game design. Taking students on a journey from the history and evolution of video games to the elements involved in video game design, ending with the mechanics and technology involved with different types of gameplay. Students are able to visualize themselves in the career of a Videogame Designer and learn how creativity and engineering are used to critique and create games.

Not NCAA Approved

Level 3: Game Capstone (1393)



Length of Course: 2 semesters This course meets the "g" requirement.

This course will provide students an opportunity to display mastery of their knowledge of the use of games and media platforms as tools to communicate social issues with their community. Students will create a business plan and a marketing plan for a game created in the prerequisite courses. This course will provide opportunities to work in collaboration with professions.

Not NCAA Approved

Level 2: Game Development (1392)



Length of Course: 2 semesters This course meets the "g" requirement.

After designing a unique game to address a problem in their community, students will apply their emerging skills in C# using the Unity Platform to develop it. Students will evolve in their understanding of how games are used in other professions to train, educate and simulate, as well as to provide therapies and assistance.

Performing Arts

Advanced Chamber Orchestra (3458)

Lenath of Course: 2 semesters This course meets the "f" requirement.

This course is for advanced string students with extensive training and experience. Students study and perform a variety of orchestra and chamber music from different historical periods. Rehearsals and performance outside of class time are required.

Audition/Tryout Required - see instructor Not NCAA Approved



Length of Course: 2 semesters This course meets the "f" requirement.

This course utilizes the strengths and expands the many skills in technical theater. and Advanced instruction will be given in the following areas: Set Design and Construction of Scenery, Stage Lighting, Audio-Sound System, Scene Painting and Theory, and Theater Management. After school set-up/tear-downs, rehearsals and performances are required.

Audition/Tryout Required - see instructor Not NCAA Approved

Advanced Theater Arts (3357)

Length of Course: 2 semesters This course meets the "f" or "g" requirement.

This course utilizes students' strengths in acting and expands their repertoire of skills into the areas of writing and directing. Historical studies of theatrical materials are emphasized. production concepts, the study of dramatic structure and style, and the audition process are integral pieces of this course.

Audition/Tryout Required - see instructor Not NCAA Approved

AP Music Theory (3391)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is designed to develop the ability to recognize, understand, and describe the basic materials and processes of music. Students will extend their technical skills involved in music reading, analyzing, score analysis, arranging, and composing. Student will develop skills with melodic and harmonic analysis to be used to manipulate musical materials for their own creative activities.

Not NCAA Approved

Ballet Folklorico (3480)

Length of Course: 2 semesters This course meets the "f" requirement.

This course teaches students the cultural dances of Mexico and other countries. their historical. geographical, and mythological roots, the significance of the costumes and music and the instruments associated with each one. This course will help students learn the skills of dance while improving their technique, poise, self-confidence and creative ability.

Not NCAA Approved

Band 1-2 (3429)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is for students who have had some previous experience in playing a wind or instrument, but are not yet prepared for the performance level of advanced Band. The emphasis in this course is on development of individual technique, musicianship, and music reading and writing skills, as well as the development of personal practice habits and performance etiquette.

Not NCAA Approved

Band 3-8 (3430)

Length of Course: 2 semesters This course meets the "f" requirement.

This emphasis in this course is on the advanced development of individual technique, musicianship, and music reading and writing skills, as well as continued development of personal practice habits and performance etiquette. Students will continue to sight-read accurately and expressively, añalyze simple forms of music as musical elements, techniques, and the use of form.

Not NCAA Approved

Cecilian Singers 1-2 (3400) Cecilian Singers 3-8 (3401)

Length of Course: 2-8 semesters This course meets the "f" requirement.

This course is designed for the study and performance of advanced glee repertory selected from many periods and styles arranged for soprano, second soprano, and alto voices. Students refine their ensemble skills, technique, musicianship and music reading skills, as well as continue the refinement of personal practice habits and performance etiquette.

Not NCAA Approved

Chamber Singers 1-2 (3422) Chamber Singers 3-8 (3423)

Lenath of Course: 2-8 semesters This course meets the "f" requirement.

This course is designed for advanced choral singers who study and perform technically difficult choral music from varied styles and periods arranged for soprano, alto, tenor, and bass. Students refine their ensemble skills, technique, musicianship and music reading skills, as well as continue the refinement of personal practice habits performance etiquette.

Audition/Tryout Required - see instructor Not NCAA Approved

Concert Choir 1-2 (3417) Concert Choir 3-4 (3418) Concert Choir 5-6 (3420) Concert Choir 7-8 (3421)

Length of Course: 2-8 semesters This course meets the "f" requirement.

This course is designed for experienced choral singers who study and perform advanced choral repertory selected from many periods and styles arranged for soprano, alto, tenor, and bass.

Audition/Tryout Required - see instructor Not NCAA Approved



Length of Course: 2 semesters This course meets the "f" or "g" requirement.

These courses help students learn the intermediate and advanced skills of dance while improving their techniques, poise, self-confidence, and creative ability. Students will choreograph and dance in school productions. Students will also demonstrate development and refinement of skills.

Audition/Tryout Required - see instructor Not NCAA Approved

This course meets the "f" requirement.

course emphasizes development of basic guitar technique, music reading skills, comprehension of music theory and' harmony, understanding the history of music and the development of musical styles as they relate to the cultures in which they were created, the aesthetic response to music, the physical characteristics of sound and how it's produced on the guitar, and the development of personal practice habits.









Performing Arts (continued)

Intermediate String Orchestra (3456)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is for students who have some experience playing a stringed instrument. The emphasis of this course is on the development of individual technique and musicianship in order to prepare the student to progress to one of the more advanced classes. Rehearsals and performance outside of class time are required.

Audition/Tryout Required - see instructor Not NCAA Approved

Jazz Band 3-8 (3444) Jazz Band Advanced (3437)

Length of Course: 2-6 semesters This course meets the "f" requirement.

The emphasis in this course is on the advancèd development of individual technique, musicianship, music reading and writing skills, personal practice habits, and performance etiquette. Rehearsals and performances outside of class time are required.

Audition/Tryout Required - see instructor Not NCAA Approved

Orchestra 3-4 (3452)

Length of Course: 2-6 semesters This course meets the "f" requirement.

emphasizes course development of individual technique, musicianship, music reading and writing skills, and the continued development of personal practice habits and performance etiquette. Students continue to sight-read accurately and expressively, analyze simple forms of music as musical elements, techniques and the use of

Audition/Tryout Required - see instructor Not NCAA Approved

Intermediate Theater Arts (3355)

Length of Course: 2 semesters This course meets the "f" or "g" requirement.

This course provides the opportunity to strengthen basic skills of voice and movement, play analysis interpretation. ánd pérformance. Students will acquire an understanding of demands of theater production. Exploring career possibilities is accomplished through projects. Students learn to work productively as part of an ensemble.

Audition/Tryout Required - see instructor Not NCAA Approved

Jazz Singers 1-2 (3402) Jazz Singers 3-4 (3404) Jazz Singers 5-6 (3406) Jazz Singers 7-8 (3407)

Length of Course: 2-8 semesters This course meets the "f" requirement.

This course is designed for advanced vocalists who wish to study and perform vocal jazz literature. Students refine their ensemble skills, select timbres and styles appropriate to each iazz selection, and study chord progressions and improvisation.

Audition/Tryout Required - see instructor Not NCAA Approved

Play Production 1-2 (3341)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is designed to spotlight the talents of the student dedicated to theater arts. The extent of their skills. ability and extensive training is showcased in seasonal play productions. Students will leave 'this class ready to participate in a variety of theater settings.

Audition/Tryout Required - see instructor Not NCAA Approved

Introduction to Theater Arts (3353)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is designed to introduce students to the world of theater arts. Exercises to build self-esteem, trust, and empathy are integrated with the technical aspects of drama. Basic stage terms are taught, vocal and movement exercises as well as writing activities are incorporated. Students learn the art as an audience member as well as a performer.

Not NCAA Approved

Jazz Band 1-2 (3443)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is for students who have some previous experience in playing a wind or percussion instrument, have an interest to study and perform jazz compositions, but are not yet prepared for the performance level of an advanced Jazz Band. Rehearsals and performances outside of class time are required.

Audition/Tryout Required - see instructor Not NCAA Approved

Marching Band (3604)

Length of Course: 1 semester

This is a course for students who have had some previous experience in playing wind or percussion instrument. The emphasis in this course is on the development of individual technique, musicianship, and physical activity. Instrumental performance, field shows, choreography, physical movement, and marching technique are required activities.

This course does not meet the graduation requirement for Performing Arts. Audition/Tryout Required - see instructor Not NCAA Approved

Orchestra 1-2 (3451)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is for students who have some previous experience playing a instrument. This emphasizes the development of indívidual technique, musicianship, music reading and writing skills, and the development of personal practice habits and performance etiquette. Rehearsal and performances outside of class time are required.

Audition/Tryout Required - see instructor Not NCAA Approved

Stage Technology (1495)

Length of Course: 1-6 semesters

Students in this course have an opportunity to learn all the aspects of théatrical 'stage production such as: lighting, sound, color theory, design and construction of scenery, technology and theater management. Students in this class are responsible for all aspects of theater management and staging for production at the site.

This course does not meet the graduation requirement for Performing Arts.

Not NCAA Approved

Symphonic Winds 1-2 (3463) Symphonic Winds 3-4 (3464)



This course is for advanced wind and percussion players with previous successful band or orchestra This ensemble studies experience. advanced symphonic music of all styles, and comprises the wind and pércussion sections of the school orchestra.

Audition/Tryout Required - see instructor Not NCAA Approved







Performing Arts (continued)

Varsity Chorale 1-2 (3396) Varsity Chorale 3-8 (3397)



Length of Course: 2-8 semesters This course meets the "f" requirement.

This is a singing group which studies and performs standard glee repertory selected from many periods and styles, and is arranged for tenor, baritone, and bass. The emphasis of this course is on the development of the singing voice, the ability to sing in harmony, music reading skills, musicianship, ensemble skills, and the development of personal practice habits and performance etiquette.

Physical Education

Advanced Kinesiology/ Physical Education 9 (3704)

Length of Course: 2 semesters

This course empowers students to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Emphasis is placed on students analyzing skills for effective movement. Units include: introduction to kinesiology and physical education, fitness concepts and techniques, cardiorespiratory endurance training, nutrition, individual activities, aquatics, rhythms and dance, and dual activities.

Not NCAA Approved

Physical Education: Drill Team Emphasis (3690)

Length of Course: 2 semesters

This course emphasizes physical fitness, drill team skills, rhythms, dance, and tumbling. Units include: introduction to kinesiology and physical education with rhythms, dance and fitness emphasis, fitness concepts and techniques, cardiorespiratory endurance training, nutrition, individual activities, aquatics, rhythms and dance and dual activities.

Not NCAA Approved

Advanced Kinesiology/ Physical Education 10 (3707)

Length of Course: 2 semesters

This course empowers students to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Emphasis is placed on students analyzing skills for effective movement. Units include: introduction to advanced kinesiology and physical education, fitness (including fitness technology), team activities, gymnastics/ tumbling, aguatics, and combatives.

Not NCAA Approved

Physical Education: Marching Band Emphasis (3786)

Length of Course: 1 semester

This course gives students the opportunity to learn and participate in health-enhancing physical activities and Marching Band. Emphasis is placed on physical fitness activities and concepts, marching band skills, movement, and music. Rehearsals and performances outside of class time are required.

Not NCAA Approved

Physical Education 9: Dance Emphasis (3693)

Length of Course: 2 semesters

This course empowers students to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Emphasis is placed on rhythms and dance and students analyzing skills for effective movement. Units include: modern ballet, jazz dance, introduction to kinesiology and physical education with personal fitness emphasis, etc.

Not NCAA Approved

Physical Education 10: Dance Emphasis (3694)

Length of Course: 2 semesters

This course empowers students to make choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Emphasis is placed on dance and on students developing a personalized fitness program for a healthy lifestyle. Units include the intermediate skills of dance (including technique, poise, self-confidence, creativity, choreography, and productions), etc...

Not NCAA Approved

Weight Training 1-2 (3717) Weight Training 3-4 (3718)

Length of Course: 1-2 semesters

This course teaches the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

Not NCAA Approved

Millikan's Athletic Teams*

- Competitive Cheer
- Cross Country (Girls & Boys)
- Badminton
- Baseball
- Basketball (Girls & Boys)
- Beach Volleyball
- Cross Country (Girls & Boys)
- Flag Football
- Football
- Golf (Girls & Boys)

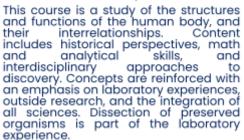
- Lacrosse (Girls & Boys)
 Soccer (Girls & Boys)
- Softball
- Surf
- Swim (Girls & Boys)
- Tennis (Girls & Boys)
- Track & Field (Girls & Boys)
- Volleyball (Girls & Boys)
- Water Polo (Girls & Boys)
- Wrestling (Girls & Boys)

^{*}Audition/Tryout Required - see instructor

Science

Anatomy & Physiology (3813)

Length of Course: 2 semesters This course meets the "d" requirement.



AP Biology (3852)

Length of Course: 2 semesters This course meets the "d" requirement.

This course studies the conceptual framework, knowledge, and analytical skills to develop student understanding of the rapidly changing science of biology. The four areas emphasized are molecular and cellular biology; genetics and evolution; organismal and population biology; and laboratory work.

AP Chemistry (3820)

Length of Course: 2 semesters This course meets the "d" requirement.

This course provides the conceptual content basis, knowledge methodological skills for understanding the theoretical aspects of general chemistry. Topics such as the structure of matter, kinetic theory of gasses, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics are presented in-depth.

AP Environmental Science (4032)

Length of Course: 2 semesters This course meets the "d" requirement.

The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world.; to identify and analyze environmental problems both natural and human-made; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving preventing them.

AP Physics 1 (3854)

Length of Course: 2 semesters This course meets the "d" requirement.

This is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through introductory, simple circuits. Through inquiry-based learning, students will develóp scientific critical thinking and reasoning skills.

AP Physics 2 (3855)

Length of Course: 2 semesters This course meets the "d" requirement.

This is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics: electrical circuits with capacitors: magnetic fields: electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

Length of Course: 2 semesters This course meets the "d" requirement.

Students build an understanding of life and how life changes over time in response to a changing environment. Students will learn and use the practices and thinking skills used by professional scientists and engineers to answer their questions and design solutions to problems they encounter. Students will engage in inquiry learning in which they will design and carry out hands-on investigations.

Biology: The Living Earth (3865)

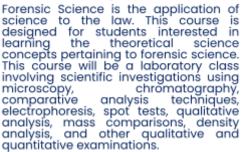
Chemistry in the Earth System (3876)

Length of Course: 2 semesters This course meets the "d" requirement.

This course centers on a range of phenomena on Earth as the context for investigating fundamental principles of Chemistry, Students will deepen their understanding of the link between combustion and climate change as the unifying theme. This includes examining connections between matter and energy moving into and out of chemical systems.

Forensic Science (4062)

Length of Course: 2 semesters This course meets the "g" requirement.



Marine Biology 1-2 (3809)

Length of Course: 2 semesters This course meets the "d" requirement.

These courses of study include physical márine oceanography, evolution of marine species, and marine flora and fauna. In addition to learning the features of the marine environment which is an integral part of Southern California, this course helps to acquaint students with the ecology of other marine ecosystems, and occupational opportunities' present in the fields of marine biology and oceanography.

Physics of the **Universe** (3853)

Length of Course: 2 semesters This course meets the "d" requirement.

This course centers on a range of phenomena on Earth and across the universe as contexts for investigating fundamental principles of physics. Students will learn how physicists interpret processes that shape Earth and space systems using the laws of physics, and how they benefit from applying their models in a range of contexts.

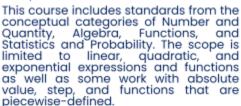




Special Education

Algebra AB/CD (5741/5742)

Length of Course: 4 semesters This two-year sequence will meet the "c" requirement.



Not NCAA Approved

C Lengt

Biology: The Living Earth (5660) Length of Course: 2 semesters

Students build an understanding of life and how life changes over time in response to a changing environment. Students will learn and use the practices and thinking skills used by professional scientists and engineers to answer their questions and design solutions to problems they encounter. Students will engage in inquiry learning in which they will design and carry out hands-on investigations.

Not NCAA Approved

Career Math (5452)

Length of Course: 2 semesters

This course is designed to help students extend their knowledge of mathematics and develop appropriate consumer and career mathematical skills. Course content will include such topics as earning money, buying food, shopping for clothes, managing a household, buying and maintaining a car, working with food, improving your home, traveling, budgeting, and taxes.

This course emphasizes a balanced

approach to the reading and writing process by teaching students about a

rhetorical approach that can be applied when critically reading literary and/or informational texts.

Not NCAA Approved

Core Content Support

Length of Course: 2 semesters

Literacy 9 (5688)

Literacy 10 (5689)

Literacy 11 (5690)

Literacy 12 (5691)

Community-Based Instruction (5059)

Length of Course: 2 semesters

Students will learn, practice, and apply skills needed to function independently in the key areas of transition (independent living, community participation, recreation/ leisure, job training/employment, and postsecondary learning options). The intent of the course is to extend learning beyond the classroom environment into environments in which students will be expected to function as an adult.

Not NCAA Approved

Computer Applications SDC (5060)

Length of Course: 2 semesters

This course will allow for depth versus breadth by teachers providing 21st century skills as it related to the use of digital and electronic tools for productivity, creativity, communication, collaboration, information fluency, and digital citizenship. Students will use various apps to conduct research, create presentations, and collaboration with peers and teachers Government of thical behaviors.

Not NCAA Approved

Not NCAA Ap

Core Content Support -Algebra (5692)

Length of Course: 2 semesters

This course is designed to support and build conceptual understanding of the Algebra 1 content standards while practicing necessary fundamental skills. The course is designed to have a range of resources that support a differentiated and individualized approach to reaching the expected outcomes of Algebra 1.

Not NCAA Approved

Diverse Voice & Media Literacy (5874)

Length of Course: 2 semesters

Students will engage in the exploration of media and their own identity as media consumers and producers. Students will research the impact and benefits that media has on society and will examine the relationships between media and audiences, information and power. Students will be able to access, analyze, evaluate, create and promote action using all forms of media communication.

Not NCAA Approved

Economics (5415)

Length of Course: 1 semester

Economics is the study of how people choose to use resources. The course also provides an important frame from which to consider the impact of governmental action (or inaction) on the lives of its citizens. Understanding how the economy functions and how economic reasoning can inform decision-making will provide students with the tools they need to become financially literate and independent.

Not NCAA Approved

Employment Skills (5545)

Length of Course: 2 semesters

This course focuses on research-based employability skills for individuals with and without disabilities that are most valued by employers in multiple industries in several domains. Student receive services from a Career Transition Specialist and course content is individualized based on the students' Individualized Transition Plan goals.

Not NCAA Approved

English 1-2 (5415)

Not NCAA Approved

Length of Course: 2 semesters

Students will construct meaning from and interact with all genres of literature and non-fiction texts. Writing activities experiences extensions of developed through interactions with texts, and students will use the writing process in a variety of genres, including persuasive, expository, narrative, and response to literature. Students receive instruction in conventions of written language, reading strategies, oral communication. and research techniques.

Not NCAA Approved

English 3-4 (5419)

Length of Course: 2 semesters

This is a continuation of English 1–2 with the addition of using the writing process to research essays and papers. Students will also complete the first steps toward satisfying their Service Learning writing requirement.

Special Education (continued)

English 5-6 (5421)

Length of Course: 2 semesters

Students will engage in a variety of standards-based academic and creative writing tasks which connect both fiction and non-fiction to their life experiences. Students will use the writing process in a variety of genres and engage in close reading and exploration of themes in American literature. Students read and respond to historically and/or culturally significant American fiction and non-fiction works.

Not NCAA Approved

Functional Academics: Math

(5486, 5487, 5488, 5489)

Length of Course: 2 semesters

This course builds math skills grounded in Common Core State Standards while emphasizing a functional, real-life approach. Students will engage in daily math focusing on Geometry, Algebra, Data Analysis, and Measurement including functional math concepts like spending money, telling time, keeping a calendar, following maps, reading graphs, understanding paychecks, and budgeting.

Not NCAA Approved

Functional Academics: Practical Living (5559)

Lenath of Course: 2 semesters

The course is based upon learning life skills, taking into account the strengths, preferences, and interests of the student using age appropriate content related to independent living skills. Concepts and skills include daily living within the home, safety, self-care, nutrition and food preparation, home leisure activities, transition beyond high school, and relationships with others.

Not NCAA Approved

Functional Academics: English Language Arts

(5434, 5435, 5436, 5438)

Length of Course: 2 semesters

This course uses a balanced approach to academic and functional literacy instruction to support students in developing skills in: vocabulary, comprehension, grammar, main idea, literal and inferential recall knowledge, analysis, application, figurative language, writing, and research, Skills are taught using grade-appropriate literature and informational texts.

Not NCAA Approved

Functional Academics: Modern World History (5499)

Length of Course: 2 semesters

This course invites students to think critically and analyze key historical events from multiple perspectives. The period covered by the course starts by asking Why Study History? And is broken down into major themes such as Spreading Change, Changes in How We We and Live, Changes in Relationship, Conflict and Negotiation, International Cooperation Against Injustice, Conflicts and Compromise, and Creating a National Identity.

Not NCAA Approved

Functional Academics U.S. History (5504)

Length of Course: 2 semesters

This course invites students to think critically and analyze key historical events from multiple perspectives. Students examine the major turning points in American History from the Industrial Revolution through the twenty-first century. The year begins with a review of the colonies and the American Revolution, westward expansion, the Civil War and Reconstruction.

Not NCAA Approved

Functional Health Education

(5490)

Length of Course: 2 semesters

Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health. Themes are the acceptance of personal responsibility for lifelong health, the process of growth and development, and informed use of health-related information, products, and services.

Not NCAA Approved

Functional Academics: NGSS-Course 1 (5493)

Length of Course: 2 semesters

This course provides students with an opportunity to answer the following: 1) How do living things grow and survive? [Life Science] 2) What are objects made of and how do they interact? [Physical Science], 3) What is the effect of Earth's patterns of movement? How do natural disasters affect humans? [Earth Space Science], and 4) How can we predict an object's movement? How does matter change? [Physical Science].

Not NCAA Approved

Health Education (5340)

Length of Course: 1 semester

This course assists students to obtain accurate information, develop lifelong positive attitudes and behaviors, and make wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health.

Not NCAA Approved

Functional Academics: Living Earth (5491)

Length of Course: 2 semesters

Students will engage in learning around ecosystem interactions, photosynthesis, evidence of evolution, inheritance of traits, structures related to DNA, cells, and organisms, and ecosystems in response to climate change.

Not NCAA Approved

Functional Academics: Physical Science (5492)

Length of Course: 2 semesters

Students will engage in learning around Chemistry and Physics. Concepts will include heat, energy in earth systems, atoms, chemical reactions, forces, waves, and universe systems.

Not NCAA Approved

Human Services: Career Management (5790)

Length of Course: 1 semester

This course integrates multiple sources of career and post-secondary information from diverse formats to assist students to make informed decisions about career and postsecondary goals. Students shall identify personal interests, gain insight into their aptitudes, and formulate the information and skills necessary, so they may make more informed career and educational decisions.

Special Education (continued)

Human Services: Community Building (5791)

Length of Course: 1 semester

This course explores a variety of measures in which students examine themselves, their community, and how to navigate successfully to become fulfilled in both work and in life. In order to succeed, students must first know how to communicate, read others' emotions and reactions, while maintaining their own focus.

Not NCAA Approved

Literacy Workshop 1-2 (5780) Literacy Workshop 3-4 (5781) Literacy Workshop 5-6 (5782)

Length of Course: 2 semesters

These courses offer a balanced literacy program emphasizing developmental reading instruction. Areas of focus are those critical to adolescent reading improvement: motivation, guided and independent reading, acquisition and practice of essential reading comprehension strategies.

Not NCAA Approved

Pre-Algebra Development (5611)

Length of Course: 2 semesters

This is a course designed to provide intensive support to high school students identified for intensive interventions while concurrently enrolled in Pre-Algebra 9. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, and Statistics and Probability.

Not NCAA Approved

Introduction to Applied Math (5334)

Length of Course: 2 semesters

This course prepares students to enter the workforce or to attend college with an understanding of math in the real world. Students will develop quantitative literacy as a habit of mind and approach to problems that employs and enhances both statistics and math. The goal is for students to see that math is a powerful tool for living, as they develop confidence with math, habits of inquiry and logical thinking.

Not NCAA Approved

Modern World History (5511)

Length of Course: 2 semesters

This course begins in 1750, with the transition in European systems of governance from divine monarch to a modern definition of a nation-state organized around principles of the Enlightenment. The course ends with the present, with ample opportunities to make connections to the globalized world in which students live. Students will explore how Europe and the U.S. grew to be great military and economic powers.

Not NCAA Approved

Study Lab 3-4 (5561)

Length of Course: 2 semesters

This course offers support in the following areas: study skills (including note-taking, materials organization, time management, test-taking strategies, reading with a purpose, improving memory, and understanding the writing process), communicating effectively, accepting responsibility, setting and achieving goals, and problem-solving.

Not NCAA Approved

Introduction to Art Exploration (5350)

Length of Course: 2 semesters

This course is an exploration of visual art forms and their cultural connections. Students will examine and analyze works of art based on their subject, form/composition, and content. Students will learn the Elements of Art (line, value, shape/form, color and texture) and apply these to their understanding of art. This course embeds studio art activities that can be done with basic art supplies.

Not NCAA Approved

Physics of the Universe (5662)

Length of Course: 2 semesters

This course centers on a range of phenomena on Earth and across the universe as contexts for investigating fundamental principles of physics. Students will learn how physicists interpret processes that shape Earth and space systems using the laws of physics, and how they benefit from applying their models in a range of contexts.

Not NCAA Approved

U.S. Government (5005)

Length of Course: 1 semester

This course prepares students to vote, and to be informed, skilled, and engaged participants in civic life. Students learn about the responsibilities as voting members of an informed electorate, the benefits to democracy of an electorate willing to compromise, practice genuine tolerance and respect of others, and actively engage in an ethical and civil society. Students will also study historical and modern problems of American democracy.

Not NCAA Approved

Language! Live 1-2 (5779)

Length of Course: 2 semesters

Targets of this course include conscious awareness of speech sounds in spoken words, analysis and spelling of written words by phoneme-grapheme correspondence, syllable, and morpheme, achievement of sufficient reading fluency, recognition and use of word meanings (vocabulary), understanding of grammar, syntax, and usage for speaking, reading, and writing, comprehension of informational and narrative text, and written expression.

Not NCAA Approved

Pre-Algebra 9 (5607)

Length of Course: 2 semesters

This course emphasizes developing foundational algebraic skills in order to focus on depth within the Common Core State Standards for Math major standard clusters including: (1) formulating and reasoning about expressions and equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; and (3) analyzing two-and three-dimensional space and figures.

Not NCAA Approved

U.S. History (5717)

Length of Course: 2 semesters

Students examine the major turning points in U.S. history from the Industrial Revolution through the twenty-first century. There is also an emphasis on the emergency of a global economy, the impact of technology on American society and culture, the women's rights and civil rights movements, and the role of the U.S. as a major world power. Students will analyze complex secondary and primary sources, as well as write argumentative essays.

Visual Arts

Advanced Studio Art (1092)

Length of Course: 2 semesters This course meets the "f" requirement.



This course is for curious self-motivated artists. In a rigorous and supporting open studio environment, students create a cohesive body of work through inquiry, exploration, experimentation, revision, and reflection. A recursive process of art making is emphasized in the creation of students' personal artistic voice. This recursive process includes the study of historical and contemporary artistic voices.

Not NCAA Approved

AP Drawing (1041)

Length of Course: 2 semesters This course meets the "f" requirement.

The drawing portfolio is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rending of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through paining, printmaking, mixed media, etc. Abstract, observational, and inventive works may demonstrate drawing competence.

Not NCAA Approved

Art 5-6: Drawing & Painting (1084)



This course meets the "f" requirement.

visual problem-solving, Through research of various art styles, genres and schools, experimentation with anď techniques, drawing from observation and imagination, students continue to develop a personal style in the visual arts. Art careers and colleges are explored in depth and an art portfolio should be completed by the end of the year.

Not NCAA Approved

AP 2-D Art & Design (1042)

Length of Course: 2 semesters This course meets the "f" requirement.

The 2-D design portfolio is intended to address two-dimensional design issues. purposeful Design involves decision-making about how to use the elements and principles of art in an integrative way. Students are asked to demonstrate mastery of 2-D design through any two-dimensional medium or process, including but not limited to graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, and painting.

Not NCAA Approved

Art 1-2: Foundations (1082)

Length of Course: 2 semesters This course meets the "f" requirement.

This course will develop students' visual arts literacy and technical artistic skills. Students will study and apply the art elements and désign principles to create a variety of two-dimensional and three-dimensional studio art projects representing a wide variety of cultures, artistic styles, and art media. Students will create and respond to works of art and be able to reflect, critiaue, and connect personal experience to art.

Not NCAA Approved

Art 5-6: Three-Dimensional Art (1091)

Length of Course: 2 semesters This course meets the "f" requirement.

This course extends and builds on the exploration three-dimensional design in Art 3-4: Threepresented Dimensional Art. Projects and design processes introducéd proceed în complexity, producing developed works showing command of media and social/historical connections. Criticalthinking skills are developed through research, discussion, and creative expression.

Not NCAA Approved

AP 3-D Art & Design (1043)

Length of Course: 2 semesters This course meets the "f" requirement.



The 3-D design portfolio is intended to address sculptural issues. Students are asked demonstrate their to understanding of design principles as they relate to depth and space. Students must demonstrate mastery of design through three-dimensional approach, including, but not limited to figurative or non-figurative sculpture, architectural models, metal work, ceramics, and three-dimensional fiber arts.

Not NCAA Approved

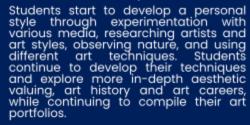
AP Art History (1039)

Length of Course: 2 semesters This course meets the "f" requirement.

This course explores topics like 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.

Art 3-4: Drawing & Painting (1083)

Length of Course: 2 semesters This course meets the "f" requirement.



Not NCAA Approved

Art 3-4: Three-Dimensional Art (1090)

Length of Course: 2 semesters This course meets the "f" requirement.

Students will build on what they know about the elements and principles of art and design. Using a variety of techniques and materials, students will plan and construct objects that engage with space and form. Projects and design processes are introduced to develop works showing command of media. Students will create & respond to historical & cultural works of art.

Not NCAA Approved

Art 7-8: Drawing & Painting (1085)

Length of Course: 2 semesters This course meets the "f" requirement.

This course is for curious self-motivated artists. In a rigorous and supporting open studio environment, students create a cohesive body of work through inquiry, exploration, experimentation, revision, and reflection. The culmination of the class is a student curated exhibition showcasing the year's work. The process and practice of art making is documented through the year according to professional standards.

Not NCAA Approved

Graphic Design & Printmaking 1-2 (2639A)

Length of Course: 2 semesters This course meets the "f" requirement.

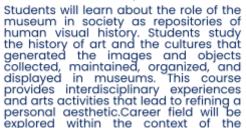
Graphic design and printmaking are the processes of organizing and composing words and images to create a message. Students will learn about the history of graphic design, the graphic design process, and explore the graphic design and advertising that companies use to reach customers. Students will explore basic design components such as typography, printing, photography, and illustrations



Visual Arts (continued)

Museum Studies (1067)

Length of Course: 2 semesters This course meets the "f" requirement.



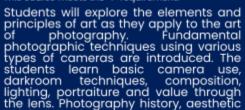
museum as well as how they relate to

Not NCAA Approved

other pathways as well.

Photography 1-2 (1028)

Length of Course: 2 semesters This course meets the "f" requirement.



valuing, and čarėers in photography

are introduced.

Not NCAA Approved

Photography 3-4 (1030)

Length of Course: 2 semesters This course meets the "f" requirement.



This course provides advanced photographic techniques using a 35mm camera and black and white enlarger. Advanced techniques in composition, lighting, portraiture and critical analysis will be highlighted. Techniques introduced will include medium format and view cameras, synchronized flash, color printing and alternative process printing. Further visual heritage and theories of aesthetic valuing will be stressed.

World Languages

AP French Language & Culture (1806)

E

Length of Course: 2 semesters This course meets the "e" requirement.

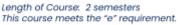
This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, communication strategies, and cultural awareness. This course is taught almost exclusively in French. Students are engaged in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives.

French 1-2 (1801)

Length of Course: 2 semesters This course meets the "e" requirement.

This course is an introduction to French, emphasizing fundamental competencies, grammar, and French-language cultures. Students will actively learn to understand, speak, read, and write simple questions and sentences on a variety of familiar topics in French. This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness.

German 3-4 (1813)



This course emphasizes communicative-based competencies, German-language grammar, and cultures by applying interpersonal, interpretive, and présentational skills in real-life situations. Students will actively learn to understand, speak, and write in extended discourse on familiar topics an increasing variety grammatical structures. They will also read simple texts written in German.

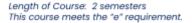
AP German Language & Culture (1816)



Length of Course: 2 semesters This course meets the "e" requirement.

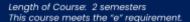
This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, communication strategies, and cultural awareness. This course is taught almost exclusively in German. Students are engaged in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives.

French 3-4 (1803)



Students will actively learn understand, speak, and write in extended discourse on familiar topics using an increasing variety of grammatical course ~emphasizes structures. This communication bν applying interpersonal. interpretive. and presentational skills in real-life situations. includes vocabularv usage, language communication control, strategies and cultural awareness. Students will read simple texts written in French.

German 5-6 (1815)



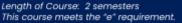
This course continues to expand and refine students' communicative-based listening, speaking, reading, and writing competencies by applying interpersonal, interpretive, and presentational skills in real-life situations. Students will use increasingly complex grammar with improving accuracy and read a variety of authentic texts. Students will also deepen their understanding of the history, literature, and the arts of German-language cultures.

AP Spanish Language & Culture (1860)



This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, communication strategies, and cultural awareness. This course is taught almost exclusively in Spanish. Students are engaged in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives.

French 5-6 (1805)



Students will use increasingly complex grammar with improving accuracy and řead a variety of ăuthentic 'texts. Students will also deepen understanding of the history, literature, and arts of French-language cultures. This course emphasizes communication by applying interpersonal, interpretive, and présentational skills in real-life situations. This includes vocabulary language control. usage, communication strategies and cultural awareness.

Spanish 1-2 (1831)

Length of Course: 2 semesters This course meets the "e" requirement.

This is a comprehensive introduction to Spanish emphasizing fundamental communicative-based competencies, grammar, and Spanish-language čultures. Students will actively learn to understand, speak, read, and write simple questions and sentences on a variety of familiar topics in Spanish. This coursé emphasizes communication by applying interpersonal, interpretive, and préséntational skills in situations. This includes vocabulary usage, communication strategies, and cultural awareness.

AP Spanish Literature & Culture (1861)



Length of Course: 2 semesters This course meets the "e" requirement.

This course introduces students to representative texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. Students engage in critical reading and analytical writing skills. Literature is explored within the context of its time and place and students gain insight on the many voices, historical periods, and cultures represented in the required readings and other texts. This course also focuses on cultural, artistic, and linguistic connections and comparisons.

German 1-2 (1811)



Length of Course: 2 semesters This course meets the "e" requirement.

This is a comprehensive introduction to emphasizing fundamental German communicative-based competencies, arammar, and German-language cultures by applying interpersonal, interpretive, and presentational skills in real-life situations. Students will actively learn to understand, speak, read, and write simple questions and sentences on a variety of familiar topics in German.

Spanish 3-4 (1832)



Length of Course: 2 semesters This course meets the "e" requirement.

This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, and cultural awareness. Students will actively learn to understand, speak, and write in extended discourse on familiar topics using an increasing variety of grammatical structures. They will also read simple text written in Spanish.

World Languages

Spanish 5-6 (1833)

Length of Course: 2 semesters This course meets the "e" requirement.



This course continues to expand on and refine students' communicative-based listening, speaking, reading, and writing competencies from Spanish 1-2 and 3-4. Students will use increasingly complex grammar with improving accuracy and read a variety of authentic texts. Students will also deepen their understanding of the history, literature, and arts of Spanish-language cultures.

Spanish for Spanish Speakers 1-2 (1838)

Length of Course: 2 semesters This course meets the "e" requirement.

This is an intensive course for students with conversational fluency and beginning academic skills in Spanish. Students begin to develop academic Spanish proficiency in listening, speaking, reading, writing, literature, and key cultural aspects from the entire Spanish-speaking world. This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations.

Spanish for Spanish Speakers 3-4 (1839)

Length of Course: 2 semesters This course meets the "e" requirement.

This is an intensive course for students with conversational fluency and intermediate academic literacy skills in Spanish. Students study increasingly difficult academic Spanish listening, speaking, reading, writing, and literature from throughout the Spanish-speaking world. This course emphasizes communication by applying interpersonal. interpretive, and real-life presentational skills ' in situations.

Spanish for Spanish Speakers 5-6 (1840)

Length of Course: 2 semesters This course meets the "e" requirement.

This is an intensive course for students with conversational fluency and advanced academic literacy skills in Spanish. Students study increasingly difficult academic Spanish listening, speaking, reading, writing, and literature from throughout the Spanish-speaking world. This course emphasizes applying and communication by interpretive, interpersonal, presentational skills in real-life situations.



Courses of Study

	Class of 2026	Class of 2027	Class of 2028	Class of 2029
COMPASS	Course of Study	Course of Study	Course of Study	Course of Study
MBA	<u>Course of Study</u>	Course of Study	<u>Course of Study</u>	<u>Course of Study</u>
PEACE	Course of Study	Course of Study	Course of Study	Course of Study
QUEST	Course of Study	Course of Study	Course of Study	Course of Study
SEGA	Course of Study	Course of Study	Course of Study	Course of Study

Elective Options

Content Area	9th Grade	10th Grade	11th Grade	12th Grade
English	Elements of Journalism	 AP Seminar Creative Writing 1-2 Elements of Journalism Journalism: Production/ Management 	 AP Seminar Creative Writing 1-2 Elements of Journalism Journalism: Production/ Management 	 AP Seminar Creative Writing 1-2 Elements of Journalism Journalism: Production/ Management
Math	AP Computer Science Principles	AP Computer Science Principles	AP Computer Science Principles	AP Computer Science Principles
Social Studies	AP Human GeographyCriminal & Civil LawIntro to PsychologyIntro to Sociology	 AP African American Studies AP Human Geography AP Psychology Criminal & Civil Law Intro to Psychology Intro to Sociology 	 AP African American Studies AP Human Geography AP Psychology Criminal & Civil Law Intro to Psychology Intro to Sociology 	 AP African American Studies AP Human Geography AP Psychology Criminal & Civil Law Intro to Psychology Intro to Sociology
Science	Required course, not an elective.		 Anatomy & Physiology AP Biology AP Chemistry AP Environmental Science AP Physics Chemistry in the Earth Forensic Science Lab Assistant* Marine Biology 1-2 Physics of the Universe 	 Anatomy & Physiology AP Biology AP Chemistry AP Environmental Science AP Physics Chemistry in the Earth Forensic Science Lab Assistant* Marine Biology 1-2 Physics of the Universe
Physical Education	Required course, not an elective.		 Athletic Team* Drill Team* Marching Band PE* Weight Training 	 Athletic Team* Drill Team* Marching Band PE* Weight Training

^{*} Class placement by application, audition, or tryout.

Content Area	9th Grade	10th Grade	11th Grade	12th Grade
Interdepartmental	 AVID* Digital Design & Yearbook* Journalism LBCC Dual Enrollment Student Council (ASB)* 	 AVID* CSULB Ethnic Studies Digital Design & Yearbook* Journalism LBCC Dual Enrollment Student Council (ASB)* 	 AP Research AVID* CSULB Ethnic Studies Digital Design & Yearbook* Journalism LBCC Dual Enrollment Pathway Ambassadors* Pathways to Higher Education College Readiness Student Council (ASB)* 	 AP Research AVID* CSULB Ethnic Studies Digital Design & Yearbook* Journalism LBCC Dual Enrollment Pathway Ambassadors* Student Council (ASB)*
Performing Arts	 Ballet Folklorico Band* Cecilian Singers Chamber Orchestra* Dance* Guitar Intro to Theater Arts Jazz Band* Marching Band Orchestra* Symphonic Winds* Varsity Choral 	 Ballet Folklorico Band* Cecilian Singers Chamber Orchestra* Chamber Singers* Concert Choir* Dance* Guitar Jazz Band* Jazz Singers* Marching Band Orchestra* Stage Technology Symphonic Winds* Theater Arts Varsity Choral 	 AP Music Theory Ballet Folklorico Band* Cecilian Singers Chamber Orchestra* Chamber Singers* Concert Choir* Dance* Guitar Jazz Band* Jazz Singers* Marching Band Orchestra* Stage Technology Symphonic Winds* Theater Arts Varsity Choral 	 AP Music Theory Ballet Folklorico Band* Cecilian Singers Chamber Orchestra* Chamber Singers* Concert Choir* Dance* Guitar Jazz Band* Jazz Singers* Marching Band Orchestra* Play Production Stage Technology Symphonic Winds* Theater Arts Varsity Choral

^{*} Class placement by application, audition, or tryout.

Content Area	9th Grade	10th Grade	11th Grade	12th Grade
Visual Arts	 Art 1-2: Foundations Graphic Design & Printmaking 	 Art 1-2: Foundations Drawing & Painting 3D Art 1-2 Graphic Design & Printmaking Photography 	 Advanced Studio Art AP 2-D Art & Design AP 3-D Art & Design AP Art History AP Drawing Art 1-2: Foundations Drawing & Painting Graphic Design & Printmaking Museum Studies Photography Three-Dimensional Art 	 Advanced Studio Art AP 2-D Art & Design AP 3-D Art & Design AP Art History AP Drawing Art 1-2: Foundations Drawing & Painting Graphic Design & Printmaking Museum Studies Photography Three-Dimensional Art
World Languages	Required course, not an elective.		 AP French AP German AP Spanish Language AP Spanish Literature French German Spanish Spanish for Spanish Speakers 	 AP French AP German AP Spanish Language AP Spanish Literature French German Spanish Spanish for Spanish Speakers