

English

<p>English 9-1 (p) (9105-2) English 9-2 (p) (9105-4)</p> <p>A-G Status: B (English) credits: 10 Credits Grade: 9</p> <p>Description: English 9 courses typically cover topics that build students skills in reading, writing, speaking and listening. English 9 courses present students with the opportunity to comprehend and evaluate complex texts across a range of types and disciplines, construct effective arguments in writing and speaking, and convey understanding as warranted by the task. English 9 courses also include support appropriate for English learners and for students with special needs.</p>	<p>English 10-1 (p) (9106-2) English 10-2 (p) (9106-4)</p> <p>A-G Status: B (English) credits: 10 Credits Grade: 10</p> <p>Description: English 10 courses typically cover topics such as the study of fiction and non-fiction literature, argumentative writing, as well as creating multi-paragraph thematic essays and compositions. English 10 courses present students with the opportunity to improve their reading comprehension and knowledge acquisition, develop the skills to determine the purposes and themes of authors, and to recognize the techniques employed by authors to achieve their goals. English 10 courses also include support appropriate for English learners and for students with special needs.</p>
<p>English 11- 1 (p) (2105-2) English 11-2 (p) (9107-4)</p> <p>A-G Status: B (English) credits: 10 Credits Grade: 11</p> <p>Description: English 11 courses typically cover topics that continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write and revise essays and learn the techniques of writing research papers. English 11 courses present students with the opportunity to continue to read, analyze, and question complex works of literature and other written materials that often form the backbone of the writing assignments. In English 11 courses, students' argumentative writing use precise, knowledgeable claims and counterclaims. English 11 courses also include support appropriate for English learners and for students with special needs.</p>	<p>English 12-1 (p) (9108-2) English 12- 2 (p) (9108-4)</p> <p>A-G Status: B (English) credits: 10 Credits Grade: 12</p> <p>Description: English 12 courses typically cover topics that continue to develop students' mastery of writing skills, emphasizing clear, logical writing patterns, word choice, and usage. English 12 courses present students with the opportunity to write and revise critical and comparative analyses of classic and contemporary literature, literary non-fiction, non-fiction, and other genres. In English 12 courses, students will demonstrate knowledge of research techniques, including a sophisticated use of argument, evidence, and effective counter claims. English 12 courses also include support appropriate for English learners and for students with special needs.</p>
<p>Advanced Placement (AP) English Language and Composition 1 (9118-1) Advanced Placement (AP) English Language and Composition 2 (9118-2)</p> <p>A-G Status: B (English) credits: 10 credits Grade: 11-12</p> <p>Weighted course; AP exam offered on site; Teacher recommendation required for enrollment This course can be taken in place of English 11 or 12</p> <p>Learn how to understand and evaluate works of fiction, poetry, and drama from various periods and cultures. You'll read literary works and write essays to explain and support your analysis of them.</p>	<p>ELD 1 (9104-1) ELD 2 (9104-2)</p> <p>A-G Status: B (English) credits: 10 Credits Grade: 9</p> <p>Description: English Language Development courses typically cover topics such as basic structures, forms, and functions of the English language. English Language Development courses present students with the opportunity to participate in extensive listening and speaking exercises. Designated English Language Development instruction is provided during a time set aside in the regular school day for focused instruction on the state-adopted English Language Development (ELD) standards.</p>

<p>English Fundamentals 9-1 (9105-6) English Fundamentals 9-2 (9105-7)</p> <p>A-G Status: none credits: 10 Credits Grade: 9 Counselor approval needed to enroll in course</p> <p>Description: English 9 courses typically cover topics that build students skills in reading, writing, speaking and listening. English 9 courses present students with the opportunity to comprehend and evaluate complex texts across a range of types and disciplines, construct effective arguments in writing and speaking, and convey understanding as warranted by the task. English 9 courses also include support appropriate for English learners and for students with special needs.</p>	<p>English Fundamentals 10-1 (9106-6) English Fundamentals 10-2 (9106-7)</p> <p>A-G Status: none credits: 10 Credits Grade: 10 Counselor approval needed to enroll in course</p> <p>Description: English 10 courses typically cover topics such as the study of fiction and non-fiction literature, argumentative writing, as well as creating multi-paragraph thematic essays and compositions. English 10 courses present students with the opportunity to improve their reading comprehension and knowledge acquisition, develop the skills to determine the purposes and themes of authors, and to recognize the techniques employed by authors to achieve their goals. English 10 courses also include support appropriate for English learners and for students with special needs.</p>
<p>English Fundamentals 11-1 (9107-8) English Fundamentals 11-2 (9107-9)</p> <p>A-G Status: none credits: 10 Credits Grade: 11 Counselor approval needed to enroll in course</p> <p>Description: English 11 courses typically cover topics that continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write and revise essays and learn the techniques of writing research papers. English 11 courses present students with the opportunity to continue to read, analyze, and question complex works of literature and other written materials that often form the backbone of the writing assignments. In English 11 courses, students' argumentative writing use precise, knowledgeable claims and counterclaims. English 11 courses also include support appropriate for English learners and for students with special needs.</p>	<p>English Fundamentals 12-1 (9108-7) English Fundamentals 12-2 (9108-8)</p> <p>A-G Status: none credits: 10 Credits Grade: 12 Counselor approval needed to enroll in course</p> <p>Description: English 12 courses typically cover topics that continue to develop students mastery of writing skills, emphasizing clear, logical writing patterns, word choice, and usage. English 12 courses present students with the opportunity to write and revise critical and comparative analyses of classic and contemporary literature, literary non-fiction, non-fiction, and other genres. In English 12 courses, students will demonstrate knowledge of research techniques, including a sophisticated use of argument, evidence, and effective counter claims. English 12 courses also include support appropriate for English learners and for students with special needs.</p>

History/Social Science

<p>World Cultures & Geography 1 (p) (9171-3) World Cultures & Geography 2 (p) (9171-4)</p> <p>A-G Status: AG (Social Science Elective) credits: 10 Credits Grade: 9-12; recommended 9</p> <p>Description: World Geography courses typically cover topics such as physical geography, map reading, and studies of various regions of the world. World Geography courses present an opportunity for students to develop an understanding of</p>	<p>World History 1 (p) (9172-2) World History 2 (p) (9172-4)</p> <p>A-G Status: A (Social Science) credits: 10 Credits Grade: 10</p> <p>Description: World History courses typically cover topics such as the socio-economic, political, and ideological conditions of various time periods as well as significant historical events and cultural achievements of world regions. World</p>
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<p>the distribution and characteristics of the worlds major cultures and of the dynamics of human migration and cultural diffusion and of the constraints and possibilities that the physical environment places on human development.</p>	<p>History courses present students with the opportunity to learn about the achievements of civilizations and countries, particularly in the fields of science, technology, and the arts, and how they spread through cultural diffusion. Students will compare and contrast the development and beliefs of the major world religions, explain how they spread to other regions, and resulted in ideological conflicts throughout history.</p>
<p>US History 1 (p) (9713-2) US History 2 (p) (9173-4)</p> <p>A-G Status: A (Social Science) credits: 10 Credits Grade: 11</p> <p>Description: United States History courses typically cover major turning points in American history and emphasize specific themes, such as the expanding role of the federal government and federal courts; the continuing tension between the individual and the state and between minority rights and majority power; and the emergence of a modern economy. United States history courses present students with the opportunity to study the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the development of the United States as a world power.</p>	<p>Advanced Placement (AP) United States History 1 (9194-1) Advanced Placement (AP) United States History 2 (9194-2)</p> <p>A-G Status: A (Social Science) credits: 10 Credits Grade: 11 Weighted course; AP exam offered on site; Teacher recommendation required for enrollment</p> <p>Description: Learn about the developments that have shaped U.S. history through the critical analysis of historical events and materials. Learn to weigh evidence and interpretations as you build your factual knowledge of U.S. history. Develop your ability to draw conclusions and use informed reasoning to present your arguments clearly and persuasively in essay format.</p>
<p>Government (p) (9174-2)</p> <p>A-G Status: A (Social Science) credits: 5 Credits Grade: 12</p> <p>Description: Government/Civics courses typically cover topics such as the Constitution and the Bill of Rights; the Courts and the Governmental Process; Our Government Today; the Legislative and Executive Branches; Federalism; and State and Local Government. Government/Civics courses present students with an opportunity to develop a deeper understanding of the institutions of American government and prepare students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities.</p>	<p>Economics (p) (9175-2)</p> <p>A-G Status: GA (Social Science Elective) credits: 5 Credits Grade: 12</p> <p>Description: Economics courses typically cover fundamental economic concepts, comparative economic systems, microeconomics, macroeconomics, and international economic concepts. Economics courses present students with an opportunity to deepen their understanding of the basic economic problems and institutions of the nation and world in which they live and make reasoned decisions on economic issues as citizens, workers, consumers, business owners and managers, and members of civic groups.</p>

Mathematics

<p>Integrated Math 1-1 (p) (9241-2) Integrated Math 1-2 (p) (9241-4)</p> <p>A-G Status: C (Mathematics) credits: 10 Credits Grade: 9</p> <p>Description:</p>	<p>Integrated Math 2-1 (p) (9242-2) Integrated Math 2-2 (p) (9242-4)</p> <p>A-G Status: C (Mathematics) credits: 10 Credits Grade: 10 Prerequisite: Integrated Math 1</p>
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<p>Integrated Mathematics I courses typically cover topics that combine the basic principles of algebra, geometry, and statistics and probability. Integrated Mathematics I courses present students with the opportunity to extend their understanding of numerical manipulation to algebraic manipulation; synthesize understanding of function; deepen and extend understanding of linear and exponential relationships; solving problems involving systems of equations and inequalities; apply linear models to data that exhibit a linear trend; establish criteria for congruence based on rigid motions; and apply the Pythagorean Theorem to the coordinate plane.</p>	<p>Description: Integrated Mathematics II integrates topics and concepts in algebra and geometry. These courses typically cover topics such as quadratic expressions, equations, and functions and compare their characteristics and behavior to those of linear and exponential relationships learned in Integrated Mathematics I. Integrated Mathematics II courses present students with the opportunity to develop their knowledge to extend the laws of exponents to rational exponents; create and solve equations and inequalities involving linear, exponential, and quadratic expressions; extend work with statistics and probability; and establish criteria for similarity of triangles based on dilations and proportional reasoning.</p>
<p>Integrated Mathematics 3-1 (p) (9243-2) Integrated Mathematics 3-2 (p) (9243-4)</p> <p>A-G Status: C (Mathematics) credits: 10 Credits Grade: 11 Prerequisite: Integrated Math 2</p> <p>Description: Integrated Mathematics III courses integrate topics and concepts in algebra and geometry. Typically these courses cover topics that extend their knowledge of algebra and functions (including radicals, rational expressions, polynomial functions, logarithmic functions, sequences and series), trigonometry, and statistics and probability. Integrated Mathematics III courses present students with the opportunity to apply methods from probability and statistics to draw inferences and conclusions from data; expand their understanding of functions to include polynomial, rational, and radical functions; perform arithmetic operations with functions; expand right triangle trigonometry to include general triangles; and consolidate functions and geometry to create models and solve contextual problems.</p>	<p>Pre-Calculus 1 (p) (9257-1) Pre-Calculus 2 (p) (9257-2)</p> <p>A-G Status: C (Mathematics) credits: 10 Credits Grade: 11-12 Prerequisite: Integrated Math 3</p> <p>Description: Pre-Calculus courses typically include topics such as coordinate geometry with analytical methods and proofs, equations and graphs of conic sections, rectangular and polar coordinates, parametric equations, and vectors. Pre-Calculus courses present students with the opportunity to develop their knowledge of polynomial, logarithmic, exponential, and rational functions and their graphs; induction; limits and rate change; continuity; and problem analysis.</p>
<p>Math & Personal Financial Literacy 1 (p) (9254-1) Math & Personal Financial Literacy 2 (p) (9254-2)</p> <p>A-G Status: GC (Mathematics Elective) credits: 10 Credits Grade: 11-12 Prerequisite: Integrated Math 1</p> <p>Description: Algebra - Financial courses typically cover topics such as investments, the stock market, business start-ups, banking, credit cards, insurance, income taxes, business planning, home buying, and budgeting are the major areas of finance included in the course. Algebra-Financial courses present students with the opportunity to explore and master mathematical concepts and skills such as data analysis, fitting data to equations, linear, quadratic, exponential, and piecewise models, interest formulas, and present and future value.</p>	<p>Calculus 1 (p) (9258-1) Calculus 2 (p) (9258-2)</p> <p>A-G Status: C (Mathematics) credits: 10 Credits Grade: 12 Prerequisite: Pre-Calculus</p> <p>Description: Calculus courses typically cover topics such as the study of derivatives, differential equations, the definite and indefinite integral, anti-derivatives and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).</p>
<p>Integrated Math Readiness 1-1 (9241-9)</p>	<p>Extended Integrated Math 1-1A (9275-1)</p>

<p>Integrated Math Readiness 1-2 (9245-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 9</p> <p>This course does not fulfill the Integrated Math 1 graduation requirement</p> <p>Description: Integrated Math Readiness courses typically cover topics such as exponents and radicals, the rectangular coordinate system, sets, logic formulas, and solving first-degree equations and inequalities. Integrated Math Readiness courses present students with the opportunity to obtain an extra year of study for students who have attained standard mathematics objectives, but are not ready to enter Integrated Math.</p>	<p>Extended Integrated Math 1-1B (9275-2) Extended Integrated Math 1-2A (9276-1) Extended Integrated Math 1-2B (9276-2)</p> <p>A-G Status: none credits: 20 Credits Grade: 9-10</p> <p>All four semesters must be completed to meet the Integrated Math 1 graduation requirement</p> <p>Description: Integrated Mathematics I courses typically cover topics that combine the basic principles of algebra, geometry, and statistics and probability. Integrated Mathematics I courses present students with the opportunity to extend their understanding of numerical manipulation to algebraic manipulation; synthesize understanding of function; deepen and extend understanding of linear and exponential relationships.</p>
<p>Consumer Math 1 (9260-2) Consumer Math 2 (9260-3)</p> <p>A-G Status: none credits: 10 Credits Grade: 12</p> <p>Description: Consumer Math courses typically cover topics such as budgeting, taxation, credit, banking service, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment. Consumer Math courses present students with the opportunity to reinforce basic mathematics skills and link those skills to consumer applications.</p>	

Science

<p>Biology 1 (p) (9324-2) Biology 2 (p) (9324-4)</p> <p>A-G Status: D (Science) credits: 10 Credits Grade: 9-12; recommended: 9</p> <p>Description: Biology courses typically cover topics such as structure and function, inheritance and variation of traits, matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, natural selection, evolution, adaptation and biodiversity. Biology courses present students with the opportunity to develop and use biological models, identify cause and effect and recognize human impacts on the natural world. This science course also presents students with the opportunity to develop scientific reasoning skills through Science and Engineering Practices and Crosscutting Concepts.</p>	<p>Chemistry 1 (p) (9325-2) Chemistry 2 (p) (9325-4)</p> <p>A-G Status: D (Science) credits: 10 Credits Grade: 9-12; recommended: 10 Corequisite: Integrated Math 1</p> <p>Description: Chemistry courses typically cover topics such as the properties and structure of matter, chemical reactions, the conservation of energy, and energy transfer. Chemistry courses present students with the opportunity to plan investigations, develop and use models, and observe trends and patterns. Engineering and environmental principles will also be investigated.</p>
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<p>Physics 1 (p) (9326-2) Physics 2 (p) (9326-4)</p> <p>A-G Status: D (Science) credits: 10 Credits Grade: 10-12; recommended: 11 Prerequisite: Integrated Math 1</p> <p>Description: Physics courses typically cover topics such as forces and motion, gravity, electricity, magnetism, energy, waves and electromagnetic radiation. Physics courses present students with opportunities for developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. Physics courses integrate a study of engineering design, links among engineering, technology, science, and society and environmental principles.</p>	<p>Earth and Space Science 1 (p) (9321-1) Earth and Space Science 2 (p) (9321-2)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 9-12</p> <p>Description: Earth and space science courses typically cover topics associated with Earth's place in the universe, Earth's systems and Earth and human activity. Earth and space science courses present students with the opportunity to develop an understanding of processes that shape the world around them. This course also investigates how humans interact with the natural world by integrating California's Environmental Principles and Concepts. Geoscience is another name used to identify the course.</p>
<p>Environmental Science 1 (p) (9339-2) Environmental Science 2 (p) (9339-4)</p> <p>A-G Status: GD (Science Elective) credits: 10 Grade: 11-12 Prerequisite: Biology and Chemistry or Physics</p> <p>Description: Environmental Studies courses typically cover topics that allow students to examine the interrelationship between organisms and their environment. Environmental studies courses present opportunities for students to gain an awareness and understanding about ecological concepts and current environmental issues regarding air quality, water resources, energy resources, integrated water management, and human and natural communities. This course addresses California's Environmental Principles and Concepts.</p>	<p>Astronomy 1 (p) (9336-1) Astronomy 2 (p) (9336-2)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 11-12</p> <p>Description: Astronomy courses typically cover topics such as an introduction to the solar system and astronomical concepts, the names of major constellations, radio astronomy, and astronomical measuring instruments and techniques. Astronomy courses present opportunities for students to develop the ability to compare and contrast stars, planets, and other objects in space and the way they move. This class may also explore the evolution of the universe.</p>
<p>Energy and Environmental Design 1 (p) (7621-1) Energy and Environmental Design 2 (p) (7621-2)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 9-12 Does not meet the physical or biological science requirement</p> <p>Description: This course will build on foundational skills attained in the introductory course(s). Students gain a deeper understanding of the science and technology of current and future energy sources along with the associated environmental problems and societal response. The course may cover concepts and principles of environmental resources, the role of law and policy in regulation and management of natural resources and the environment, and water and land use, including efficiency, quality, scarcity, and waste management.</p>	

Language Other Than English

<p>Spanish 1 (p) (9130-2) Spanish 2 (p) (9130-4)</p> <p>A-G Status: E (Language Other Than English) credits: 10 Credits Grade: 9-12</p> <p>Description: World Languages I courses typically cover topics that allow students to lay the foundation of their proficiency in the areas of speaking, listening, reading, and writing of the target language for beginning World Language I courses present students with the opportunity to acquire the ability to use a language for real-world purposes in culturally-appropriate ways. World Language I courses are considered introductory courses aligned with the most current World Languages Standards.</p>	<p>Spanish 3 (p) (9131-2) Spanish 4 (p) (9131-4)</p> <p>A-G Status: E (Language Other Than English) credits: 10 Credits Grade: 9-12</p> <p>Description: World Languages II courses typically cover topics that allow students to continue to develop linguistic and cultural proficiency for real-world purposes. World Languages II courses present students with the opportunity to increase their proficiency in the areas of speaking, listening, reading, and writing of the target language. World Language II courses are a level beyond introductory courses and are aligned with the most current World Languages Standards.</p>
<p>Spanish 5 (p) (9132-2) Spanish 6 (p) (9132-4)</p> <p>A-G Status: E (Language Other Than English) credits: 10 Credits Grade: 9-12</p> <p>Description: World Languages III courses typically cover topics that allow students to increase their proficiency in the areas of speaking, listening, reading, and writing of the target language. World Languages III courses present students with the opportunity to continue to develop linguistic and cultural proficiency for real-world purposes. World Languages III courses are a level beyond intermediate and are aligned with the most current World Languages Standards.</p>	<p>Spanish 7 (p) (9134-2) Spanish 8 (p) (9134-3)</p> <p>A-G Status: E (Language Other Than English) credits: 10 Credits Grade: 9-12</p> <p>Description: World Language for Native Speakers I courses typically cover topics that support, reinforce, and build upon students existing knowledge and skills in using their primary language for real-world purposes in culturally-appropriate ways. World Language for Native Speakers I courses present students with the opportunity to develop academic proficiency in speaking, listening, reading and writing the target language, and on cultural comparison and competence. These courses are aligned with the most current World Languages Standards, and are designed for native, or heritage, speakers of a language other than English.</p>
<p>Advanced Placement (AP) Spanish 1 (9150) Advanced Placement (AP) Spanish 2 (9150-1)</p> <p>A-G Status: E (Language Other Than English) credits: 10 Credits Grade: 10-12 Prerequisite: Spanish ½ Weighted course; AP exam offered on site; Teacher recommendation required for enrollment</p> <p>Description: Develop your Spanish language proficiency and your ability to understand the products, practices and perspectives of the cultures where Spanish is spoken. Use authentic materials and sources in Spanish to demonstrate your language proficiencies in multiple modes of communication, including Interpersonal Communication (two-way written interactions and</p>	

conversations), Interpretive Communication, (interpretation of written, audio, and audiovisual materials), and Presentational Communication (oral and written presentations of information, opinions, and ideas).	
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Visual and Performing Arts (VAPA)

<p>Art 1 (p) (9000-1) Art 2 (p) (9000-2)</p> <p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits Grade: 9-12</p> <p>Description: Visual Arts courses typically cover design elements and principles, language, materials, and creative processes used to produce various kinds of visual arts. Visual Arts courses provide students with knowledge and opportunities to explore a variety of art forms and to create individual works of art. Students address the artistic processes of creating, presenting, responding and connecting and become artistically literate within the art form. The use of skills such as communication, creativity, critical thinking, and problem solving are part of every course, the 21st Century Skills, which contribute to student success in a global economy and in culturally diverse environments.</p>	<p>Art History 1 (p) (9001-1) Art History 2 (p) (9001-2)</p> <p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits Grade: 9-12</p> <p>Description: Art History courses typically introduce students to a survey of significant works of art, artists, and artistic movements that have shaped the arts world, and have influenced, or reflected periods of history in the arts disciplines of dance, music, theater and visual art. The course covers the connections of the arts to social, political, and historical events in the world/nation or series of artists, women in art, as well as contemporary issues and developments. Included is the analysis of visual images as they have been used and are used to express the needs and ideals of society, as well as those of the individual. The course provides for students to experience creating, performing/presenting/producing, responding, and connecting their own works as well as the works of others.</p>
<p>Music 1 (p) (9294-2) Music 2 (p) (9294-4)</p> <p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits Grade: 9-12</p> <p>Description: Music-Vocal (Non-Performance Based) courses typically cover topics such as proper vocal choral, choir and ensemble techniques, the elements of music, and choral music of different styles, cultures, and periods; it may include principles of musical theater and appropriate acting within the musical theater arena.</p>	<p>Photography 1 (p) (9000-8) Photography 2 (p) (2805-2)</p> <p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits Grade: 9-12</p> <p>Description: Visual Arts courses typically cover design elements and principles, language, materials, and creative processes used to produce various kinds of visual arts. Visual Arts courses provide students with knowledge and opportunities to explore a variety of art forms and to create individual works of art. Students address the artistic processes of creating, presenting, responding and connecting and become artistically literate within the art form. The use of skills such as communication, creativity, critical thinking, and problem solving are part of every course, the 21st Century Skills, which contribute to student success in a global economy and in culturally diverse environments.</p>
<p>Introduction to Design 1 (9222-3) Introduction to Design 2 (9222-4)</p> <p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits</p>	<p>Introduction to Multimedia Production 1 (7246-1) Introduction to Multimedia Production 2 (7246-2)</p>

<p>Grade: 9-12</p> <p>Description: The major focus of this course is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer’s notebook, and communicate solutions to peers and members of the professional community.</p>	<p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits Grade: 9-12</p> <p>Description: Introduction to Multimedia Production 1 and 2 is a year-long project-based CTE Introductory high school course that teaches the foundations of and builds on students’ prior knowledge of music production, music notation, composition, history, and sound science. Students develop skills in music production, technology, sound editing, and audio engineering by using Soundtrap and two industry-standard DAWs (Digital Audio Workstations), Ableton and Logic Pro. Students study the elements of various types of music, including pop, music, film, contemporary, and world, and incorporate them into their unique compositions and build a portfolio of their projects. There are no performance requirements for this class, but students present their projects to classmates. Guest speakers, virtual and in person field trips, and research projects provide exposure to music industry experiences.</p>
<p>Introduction to Music Performance 1 (7233-1) Introduction to Music Performance 2 (7233-2)</p> <p>A-G Status: F (Visual and Performing Arts) credits: 10 Credits Grade: 9-12</p> <p>Description: Introduction to Music Performance 1 and 2 analyzes music through both the lens of a performer and as a music industry professional. In Introduction to Music Performance, students will work on both the elements of music and performance (performance, evaluation, literacy, and aural skills), as well as the CTE standards that tie into the AME Music pathway (use of technology, career exploration, and guest speakers, collaboration with students and with career musicians, creation of a musical portfolio). Students will have access to CTE- based technology to help them with the creation of their portfolios and to help them develop and refine their individual and ensemble music performing skills. Additionally, students in Introduction to Music Performance will use music to study and explore various cultural backgrounds and origins and study the connection of music to various cultures, time periods, and political movements. The course includes daily music theory, sight-reading/literacy, performance, and the study of historical and contemporary music.</p>	<p>Dance 1 (9080-1) Dance 2 (9080-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 9-12</p> <p>Description: Dance courses typically cover the artistic processes, choreography and performance of various kinds of dances, including but not limited to ballet, modern, jazz, ethnic, and folk dance. Courses are designed to enable students to achieve dance literacy. Students will develop specific knowledge, skills, and values that allow for fluency and deep understanding of dance. This includes discovering the expressive elements of dance; knowing the dance-based theory, terminology, and symbolic language that is used to comprehend dance; having a clear sense of embodying dance; and being able to reflect, critique, and connect personal experience to dance and the professional dance community. Students will explore and discover their personal connection to the deep human tradition that is dance and prepare them for a life-long immersion in the socio-cultural-political meanings and experience of dance as well as the learning and enjoyment that performing, studying, and viewing dance brings.</p>
<p>Theater 1 (9091-1) Theater 2 (9091-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 9-12</p> <p>Description: Theater/Film History and Literature and History/appreciation of Theater Arts and Film courses typically cover the history and development of theater</p>	

<p>across time and culture, the artistic elements of responding and connecting through examination of historical texts and theatrical literature. Students acquire an understanding of theater/film as a communications tool and its dynamic role in cultural development. This course is for students who desire knowledge in the history of drama, plays, Theater, and writers. The course may include the study of outstanding examples in the fields of motion pictures, radio, and television. The course includes instruction in reading, writing, critique processes, and research.</p>	
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Electives

<p>Aerospace Engineering 1 (9222-1) Aerospace Engineering 2 (9222-2)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 10-12 Prerequisite: Integrated Math 1</p> <p>Description: Aerospace Education Courses typically cover topics such as the principles of meteorology (e.g., atmosphere, pressures, winds and jet streams) and astronomical concepts (e.g., solar system, stars, and interplanetary bodies), the history of aviation, principles of aeronautical decision making, airplane systems, aerodynamics, and flight theory. Aerospace Education courses present students with the opportunity to explore the connection between meteorology, astronomy, and flight across and around the earth as well as into outer space.</p>	<p>Applied Sustainable Construction 1 (7622-1) Applied Sustainable Construction 2 (7622-2)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 10-12 Prerequisite: Energy and Environmental Design and Integrated Math 1</p> <p>Description: This capstone course allows students to demonstrate mastery in skills attained in concentrator courses. Students will demonstrate understanding of: energy resources and their effects on the environment; global interactive systems and elements that create and sustain climate; land use, air quality, and drinking water management systems, and their potential for environmental impact; storm water, rivers, and groundwater systems, and environmental legislation and regulations. Students may demonstrate mastery by evaluating regional interactive systems and elements that create harmful environmental effects, identifying the role and impact of waste management systems, implementing processes to support energy efficiency, and/or preparing an efficient solar heated water design and installation plan.</p>
<p>Advancement via Individual Determination (AVID) (9211-1)</p> <p>A-G Status: G (Elective) credits: 10 Credits Grade: 11-12</p> <p>Description: Advancement via Individual Determination (AVID) courses typically cover topics such as note-taking, organization, inquiry, writing, and time-management. AVID courses present lower-achieving students with the opportunity to gain additional tutoring and support to take college preparation courses to make them eligible for entry into a four-year college upon graduation.</p>	<p>Computer Application and Coding 1 (9063-1) Computer Application and Coding 2 (9063-2)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 9-12</p> <p>Description: Computer programming courses typically cover the principles and programming styles used in the design and implementation of computer programs. Students are introduced to the history of programming languages, language syntax, data representation, language processors such as compilers and interpreters. The course focuses on particular language constructs and their realization in a variety of programming languages. A particular language is used to provide students with practical illustrations of various programming principles, such as creating programs to use variables to store and modify data,</p>

	compare and refine algorithms, and create sequences or commands or loops to express ideas.
<p>Principles of Engineering 1 (9222-6) Principles of Engineering 2 (9222-7)</p> <p>A-G Status: GD (Science Elective) credits: 10 Credits Grade: 9-12 Prerequisite: Integrated Math 1 and Computer Applications and Coding</p> <p>Description: This survey course of engineering exposes students to major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community.</p>	<p>Advanced Placement (AP) Psychology 1 (9193-1) Advanced Placement (AP) Psychology 2 (9193-2)</p> <p>A-G Status: AG (Social Science Elective) credits: 10 Credits Grade: 11-12</p> <p>Description: Explore the concepts, theories, perspectives, phenomena and behaviors associated with the subfields and research areas of psychology. Analyze the methods psychologists use to study various types of behavior and mental processes and evaluate the validity and significance of their contributions.</p>
<p>Sociology of Media 1 (p) (9176-3) Sociology of Media 2 (p) (9176-2)</p> <p>A-G Status: G (Elective) credits: 10 Credits Grade:10-12</p> <p>Description: This course introduces students to sociological concepts, theories, and procedures. Students learn how sociologists analyze the basic structures and functions of societies and of groups within societies, discover how these societies became organized, identify the conditions under which they become disorganized, and predict the conditions for their reorganization. Typical study units for this course include such social issues as crime, poverty, and the problem of discrimination toward women, children, the disabled, the aged, and minorities.</p>	<p>Success 101 (9218-2)</p> <p>A-G Status: G (Elective) credits: 10 Credits Grade: 9-12; recommended: 9 Fulfills Computers/Study Skills graduation requirement</p> <p>Description: Study Skills courses typically cover topics such as time management, outlining, note taking, organization, active listening, research methods and test-taking strategies. Study Skills courses present students with the opportunity to gain extra academic support and guidance to help students achieve success in their academic work both at the secondary and postsecondary levels.</p>
<p>Computers 1 (9060-1) Computers 2 (9060-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 9-12</p> <p>Description: Computer Literacy courses typically cover, through hands-on operation, the use of programmable devices. Students develop skills necessary to operate computing devices that perform a variety of tasks based on needs and preferences.</p>	<p>Computer Science 1 (9062-1) Computer Science 2 (9062-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 9-12</p> <p>Description: Computer Science courses typically cover problem-solving methods, algorithm development, modular system design, and systematic testing. Students are taught about abstract data structures, techniques for data manipulation and common algorithms. Computer coding and program structure are introduced using a standard programming language. The course may provide opportunities to apply the learned skills to relevant applications, such as modeling, data management, graphics, and text processing. Students learn about computer organization, including digital logic, operating systems, and networks.</p>

<p>Driver Education (9372-1)</p> <p>A-G Status: none credits: 5 Credits Grade: 10-12 Must meet minimum age requirement of 15 by start of course</p> <p>Description: Driver education courses typically cover topics such as the rules of the road, traffic procedures, safe driving procedures and practices, legal obligations and responsibilities, and the physical and mental factors (including alcohol and other drugs) affecting the drivers capability. Driver Education courses present students with the opportunity to prepare for behind the wheel driver training.</p>	<p>ELD 3 (9104-3) ELD 4 (9104-4)</p> <p>A-G Status: none credits: 5-10 Credits Grade: 9-12</p> <p>Description: ELD 3/4 is designed to supplement English courses in order to help students to develop high levels of academic proficiency in reading and writing in English using leveled books and mentor texts.</p>
<p>Health 1 (9160-1) Health 2 (9160-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 9-12</p> <p>Description: Comprehensive Health Education courses typically cover topics related to two or more of the six content areas of health education, as defined in the Health Education Content Standards: nutrition and physical activity; growth, development, and sexual health; injury prevention and safety; alcohol, tobacco, and other drugs; mental, emotional, and social health; and personal and community health. Comprehensive Health Education courses present students with the opportunity to develop the knowledge and skills as required in the California Healthy Youth Act (Education Code §§ 51930-51939). The California Healthy Youth Act requires that students in grades 7-12 receive comprehensive sexual health education and HIV prevention education at least once in middle school and once in high school.</p>	<p>Integrated Math Support (9245-3)</p> <p>A-G Status: none credits: 5-20 Credits Grade: 9-10 Co-requisite: Integrated Math Readiness or Integrated Math 1</p> <p>Description: Math Support courses typically occur in parallel to the core math course. These courses typically cover foundational topics such as basic skills with whole numbers and rational numbers, algebraic reasoning, and other topics that are foundational to the core course. Math support also provides scaffolding for students who are presented with new concepts in their core math course. Math Support courses present opportunities for students struggling in math to obtain targeted small group instruction and assistance to meet grade level expectations.</p>
<p>Physical Education 9-1 (9314-1) Physical Education 9-2 (9314-3)</p> <p>A-G Status: none credits: 10 Credits Grade: 9</p> <p>Description: Physical Education I courses typically cover topics such as aquatics, rhythms/dance, individual and dual activities, the mechanics of body movement, and the effects of fitness on dynamic health. This course is the first year of the high school physical education sequence.</p>	<p>Physical Education 10-1 (9315-1) Physical Education 10-2 (9315-2)</p> <p>A-G Status: none credits: 10 Credits Grade: 10</p> <p>Description: Physical Education II courses typically cover topics such as aquatics, rhythms/dance, individual and dual activities, the mechanics of body movement, and the effects of fitness on dynamic health. This course is the second year of the high school physical education sequence.</p>
<p>Physical Education 5 (9316-1) Physical Education 6 (9316-2) Physical Education 7 (9316-3) Physical Education 8 (9316-4)</p> <p>A-G Status: none</p>	<p>Study Skills (9218-1)</p> <p>A-G Status: none credits: 5 Credits Grade: 9-12; recommended: 9</p>

<p>credits: 5-20 Credits Grade: 11-12</p> <p>Description: Elective Physical Education courses typically cover content for developing skills and knowledge in adventure/outdoor activities (rock climbing, kayaking, etc.). Elective Physical Education courses present students with the opportunity to explore physical activities that they enjoy or show interest in. This course is designed for students who have completed High School Physical Education Courses I and II.</p>	<p>Description: Study Skills courses typically cover topics such as time management, outlining, note taking, organization, active listening, research methods and test-taking strategies. Skills Center/Study Skills/College Readiness courses present students with the opportunity to gain extra academic support and guidance to help students achieve success in their academic work both at the secondary and postsecondary levels.</p>
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Special Courses

<p>ELA 9 (9105-5) ELA 10 (9106-10) ELA 11 (9107-5) ELA 12 (2132-3)</p> <p>A-G Status: none credits: 5-40 Credits School approval required for enrollment in this course This is a non diploma bound course</p> <p>Description: English-Language Arts 9-12 supports students in the development of reading and writing. In this class, students follow a specifically designed curriculum with modified assignments at a more individualized pace.</p>	<p>Mathematics 9-12 (2402-1)</p> <p>A-G Status: none credits: 5-40 Credits School approval required for enrollment in this course This is a non diploma bound course</p> <p>Description: Mathematics 9-12 supports students in the development of basic math skills. In this class, students follow a specifically designed curriculum with modified assignments at a more individualized pace.</p>
<p>Science 9-12 (9328-1)</p> <p>A-G Status: none credits: 5-40 Credits School approval required for enrollment in this course This is a non diploma bound course</p> <p>Description: Science 9-12 supports students in the development of learning about the scientific world. In this class, students follow a specifically designed curriculum with modified assignments at a more individualized pace.</p>	<p>Social Science 9-12 (9180-1)</p> <p>A-G Status: none credits: 5-40 Credits School approval required for enrollment in this course This is a non diploma bound course</p> <p>Description: Social Studies 9-12 supports students in the development of being a responsible citizen. In this class, students follow a specifically designed curriculum with modified assignments at a more individualized pace.</p>