Course Catalog - 2026/2027

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A: Social Science (30 credits required)

World Studies requirement

World History (Online) Zoom 2 days a week		
Short Title	World Studies	Designed for general-level and college-level preparatory students. In this one-term course students examine major turning points and the cause-and-effect flow of the forces that have shaped the modern world. Curricular units are based on state standards and include The Development of Modern Political Thought, The Age of Revolutions, The Industrial Revolution, Imperialism, the Causes and Effects of World War I, The Rise of Totalitarianism, The Causes and Effects of World War II, The Cold War, Nation-Building and Global Developments in the Modern World
Prerequisites	None	
Grade Range	10-12	
A-G Course	Area A, G	

US History requirement can be fulfilled by taking either US History or Sierra College History 17B

US History (Online) Zoom 2 days a week		
Short Title	US History	Designed for general-level and college-level preparatory students. In this one-term course students examine major turning points and the cause-and-effect flow of the forces that have shaped the United States in the 20th century. Curricular units are thematically and chronologically based on state standards and include The Foundation of the American Nation (review unit), Industrialization and Immigration, Religion's Role in America, America's Rise to World Power, The 1920s, The Great Depression and New Deal, World War II, Domestic changes in Postwar America, Foreign Policy in the Cold War, The Civil Rights Movement, and Contemporary American Society.
Prerequisites	None	
Grade Range	11-12	
A-G Course	Area A	

OR

Sierra College History 17B No Zoom		
Short Title	Hist 17B	**HIST 0017B. History of the United States since 1865** *Units: 3* Hours: 54 lecture History of the United States from 1865 to the present. Emphasis on national political, economic, intellectual, and social trends and their impact on constitutional law; industrialization and urbanization; evolution of American ethnic, cultural and racial pluralism; and role of United States in world affairs. Also
Prerequisites	None	
Grade Range	9-12	
UC/CSU Transferable		

		addresses California state and local issues in a broad, national context. (C-ID HIST 140) (CSU, UC)

Government requirement can be fulfilled by taking either Government or Sierra College Political Science

Government (Sierra College Equivalent Political Science 1) Zoom 2 days a week		
Short Title	Government	Students in grade twelve pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state and local governments, with particular attention paid to important historical documents such as the Federalist Papers. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.
Prerequisites	None	
Grade Range	12	
A-G Course	Area A, G	

OR

Sierra College Political science 1 NO Zoom		
Short Title	Poli Sci 1	**POLS 0001. American Government** *Units: 3* Hours: 54 lecture Introduction to the principles and problems of the American political system on national, state, and local levels. Includes discussion of constitutions, federalism and executive, legislative, and judicial branches of the government. Other topics include political behavior, elections and parties, interest groups, and the policy making processes that address political issues. (C-ID POLS 110) (CSU, UC)
Prerequisites	None	
Grade Range	9-12	
UC/CSU Transferable		

Economics requirement can be fulfilled by taking either Economics or Sierra College Economics 1A

Economics (Sierra College Equivalent Econ 1A) (Online) Zoom 2 days a week		
Short Title	Economics	A one-semester course. Economics focuses on basic economic principles, the American business structure, economic performance, gross national product and fiscal policy, banking and monetary policy. Economic problems in the US and overseas and personal economics are also stressed. The course emphasizes the
Prerequisites	None	
Grade Range	11-12	

A-G Course	Area G	active role of the individual and provides practical strategies for students to use in making personal economic decisions.

OR

Sierra College Economics 1A (Online or person through Sierra College)		
Short Title	Econ 1A	**ECON 0001A. Principles of Macroeconomics** *Units: 3* Prerequisite: Completion of two years of high school algebra or MATH D with grade of "C" or better, or placement by matriculation assessment process Hours: 54 lecture Introductory course focusing on aggregate economic analysis. Topics include: market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth. (C-ID ECON 202) (CSU, UC)
Prerequisites	None	
Grade Range	9-12	
UC/CSU Transferable		

Ethnic Studies (Online) Zoom 2 days a week		
Short Title	Ethnic Studies	RJUHSD´s Ethnic Studies interdisciplinary transformational program will examine the concepts of race, ethnicity, and intersectionality emphasizing interpersonal communication, cultural competency, and equity-driven skills in an authentic environment that will empower scholars to develop a critical lens in order to make a meaningful impact in their communities and engage in/transform the world at large.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Yes	

B: English (40 credits required)

CP English 9 (Online) Zoom 2 days a week

Short Title	CP English 9	This course is designed for general and college-preparatory students. This course emphasizes essay development in the areas of analysis, persuasion, reflection, research, plus a review of ninth-grade writing modes. Writing conventions such as usage and mechanics will be taught in conjunction with the study of literature and writing. Vocabulary, spelling, and research skills are developed in context with the writing process and literary analysis. The students will review short-story and poetry elements and read novels and drama. Students can expect a variety of oral and listening activities along with oral presentations.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area B	

CP English 10 (Online) Zoom 2 days a week

Short Title	CP English 10	This course is designed for general and college-preparatory students. This course emphasizes essay development in the areas of analysis, persuasion, reflection, research, plus a review of ninth-grade writing modes. Writing conventions such as usage and mechanics will be taught in conjunction with the study of literature and writing. Vocabulary, spelling, and research skills are developed in context with the writing process and literary analysis. The students will review short-story and poetry elements and read novels and dramas. Students can expect a variety of oral and listening activities along with oral presentations.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area B	

English 11 requirement can be fulfilled by taking either English 11 or Sierra College English 1A

CP English 11 (Sierra College Equivalent English 1A) (Online) Zoom 2 days a week

Short Title	CP English 11	Designed for general and college-preparatory students, this course emphasizes writing skills development combined with a study of American literature. Writing conventions such as usage and mechanics will be developed in conjunction with the study of literature and writing. Vocabulary, spelling, and research skills are developed in context with the writing process and literary analysis. Students will write a variety of essay modes, both in class and at home. Students can expect a variety of oral and listening activities along with oral presentations.
Prerequisites	None	
Grade Range	11-12	
A-G Course	Area B	

OR

Sierra College DE English C-1000 (Online) Zoom 2 days a week

Short Title	Eng 1A	**ENGL 0001A. College Reading, Writing and Research** *Units: 4* Prerequisite: Placement by matriculation assessment process or completion of ENGL N with grade of "C" or better Hours: 72 lecture Develops and refines students' writing, reading, and critical thinking skills by introducing the conventions of academic
Prerequisites	English 10	
Grade Range	10-12	
UC/CSU Transferable	Yes	

		conversations and arguments in an academic community. Students read and discuss a variety of works from different literary genres, focusing on non-fiction and expository texts, reading 20 or more pages per week. The course also emphasizes research skills, including accessing college library databases, evaluating and documenting sources, using MLA style, and practicing academic integrity. Students write essays in expository and argumentative prose, including at least one research paper, in response to class reading and outside research, for a total of at least 6500 words. (C-ID ENGL 100) (CSU, UC) .

*****English 12 requirement can be fulfilled by taking either English 11 or Sierra College English C1000 (see description above) or English 1B**

CP English 12 (Online) Zoom 2 days a week Sierra Equivalent English C1000 or English 1B		
Short Title	CP English 12	CP English 12 is designed for college prep students. This course emphasizes composition development combined with an intensive study of British literature. Writing conventions such as usage and mechanics are directly taught and students study additional grammar skills needed to prepare for college-level entry tests. Vocabulary, spelling and research skills are included in the course. Students can also expect a variety of oral and listening activities including memorizing short literary pieces and preparing oral presentations.
Prerequisites	None	
Grade Range	12	
A-G Course	Area B	

OR

Sierra College DE English 1B (Online) Zoom 2 days a week		
Short Title	Eng 1B	**ENGL 0001B. Critical Thinking and Writing about Literature** *Units: 3* Prerequisite: Completion of ENGL 1A with grade of "C" or better Hours: 54 lecture Develops critical thinking, reading, and writing skills applicable to the analysis of prose, poetry, drama, and criticism from diverse cultural sources and perspectives. Emphasis on the techniques and principles of effective written argument. 6,500 words of formal writing and some research required. (C-ID ENGL 120) (CSU, UC)
Prerequisites	English 10	
Grade Range	10-12	
UC/CSU Transferable	Yes	

C: Math (30 credits required)

*Integrated Math 1 (Online) Zoom 2 days a week

Short Title	Integ Math 1	Integrated Mathematics I course will focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane. Placement Recommendation: Students should have very good math skills and solid study habits. Students should successfully complete Pre-Algebra with a grade of "B" or better.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area C	

*Integrated Math 2 (Online) Zoom 2 days a week

Short Title	Int Math 2	Integrated Mathematics 2 is the second of an integrated mathematics program designed to use patterns, modeling, and conjectures to build understanding and competency in mathematics. Students will be engaged with the subject matter using the Common Core State Standards for Mathematical Practice. This course addresses each of the conceptual categories outlined by the California Common Core State Standards: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Topics of study include quadratic functions, structures of quadratic functions, solving quadratic equations, geometric figures, similarity and right triangle trigonometry, triangle congruence, and probability.
Prerequisites	Integrated Math 1 (or 1A/1B)	
Grade Range	9-12	
A-G Course	Area C	

Integrated Math 3 (Online) Zoom 2 days a week

Short Title	Int Math 3	Integrated Mathematics 3 is the third of an integrated mathematics program designed to use patterns, modeling, and conjectures to build understanding and competency in mathematics. Students will be engaged with the subject matter using the Common Core State Standards for Mathematical Practice. This course addresses each of the conceptual categories outlined by the California Common Core State Standards: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Topics of study include functions and their inverses, logarithmic and exponential functions, polynomials, trigonometric equations, modeling with geometry, and statistics.
Prerequisites	Grade of "C" or better in Integrated Math 1 and 2	
Grade Range	9-12	
A-G Course	Area C	

Pre-Calculus (Sierra College Equivalent Math 29) (Online) Zoom 2 days a week

Short Title	Pre-Calculus	Designed for the college bound student who may need to take a college calculus course. Students will work on becoming proficient in the following areas: fundamentals of college level algebra, geometric and algebraic interpretations of functions, linear and quadratic inequalities, rational functions, exponential and logarithmic functions and their applications, and trigonometric functions and their properties.
Prerequisites	Grade of "C" or better in Algebra 2 or Integrated Math 3	
Grade Range	10-12	
A-G Course	Area C, G	

Sierra College DE College Algebra (Sierra College Equivalent Math 12) (Online) Zoom 2 days a week

Short Title	**MATH 0012. College Algebra**	**Designed for the college bound student who may need to take a college calculus course. Students will work on becoming proficient in the following areas: fundamentals of college level algebra, geometric and algebraic interpretations of functions, linear and quadratic inequalities, rational functions, exponential and logarithmic functions and their applications, and trigonometric functions and their properties.**
Prerequisites	CCIM 3	
Grade Range	9-12	
UC/CSU Transferable	Yes	

Students can check out additional Sierra College Math Courses here

D: Laboratory Science - (20 credits required)

NGSS Biology (Online) Zoom 2 days a week		
Short Title	NGSS Biology	NGSS Biology is the first course aligned with California's Framework for the Next Generation Science Standards and will fulfill the RJUHSD life science graduation requirement. It is recommended for all 9th grade students and will meet the UC/CSU "d" laboratory requirement . Students will integrate the science and engineering practices, crosscutting concepts, and disciplinary core ideas. These core ideas include energy and matter flow in ecosystems, history of the Earth, human impacts on ecosystems, inheritance and variation in life, natural selection, evolution, and biotechnology. There will be multiple opportunities for students to model and develop solutions to authentic problem-based scenarios.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area D	

NGSS Physics (Online) Zoom 2 days a week		
Short Title	Physics	NGSS Physics is our second course aligned with California's Framework for the Next Generation Science Standards and will fulfill the physical science graduation requirement. It is recommended for all 10th grade students and meets the UC/CSU "d" laboratory requirement. Students will integrate the science and engineering practices, crosscutting concepts, and disciplinary core ideas. These core ideas revolve around the application of physics in the Earth and Universe. This focus includes forces, motion, energy conversion, nuclear process, waves, communication technology and their application toward understanding the Universe including planetary motion, star and galaxy formation, and Earth's structure and geology. There will be multiple opportunities for students to model and develop solutions to authentic problem-based scenarios.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area D	

NGSS Chemistry (Online) Zoom 2 days a week		
Short Title	NGSS Chemistry	NGSS Chemistry is our third course aligned with California's Framework for the Next Generation Science Standards and will fulfill the physical science graduation requirement. It is recommended as the third NGSS course for students who have taken NGSS Biology and NGSS Physics. It is recommended for 10th or 11th grade students and meets the UC/CSU "d" laboratory requirement (pending). Students will integrate the science and engineering practices, crosscutting concepts, and disciplinary core ideas. These core ideas revolve around the application of Chemistry and how it interacts with systems on Earth including global warming and ocean acidification. There will be multiple opportunities for students to model and develop solutions to authentic problem-based scenarios. Students will also develop laboratory skills, engage in data analysis, and exercise critical thinking to explain chemical phenomena.
Prerequisites	None	
Grade Range	10-12	
A-G Course	Area D	

E: World Language

Edgenuity (online) Foreign Language Courses (Online/NO ZOOM)	
American Sign Language 1, 2, 3	Spanish 1, 2, 3
French 1, 2, 3	
German 1, 2, 3	

Sierra College Foreign Language (Online or in person through Sierra College)	
French	Japanese
Spanish	German
Italian	Deaf Studies/ American Sign Language

F: Visual and Performing Arts

Sierra College Theatre 13/ Introduction to Theatre (Online/NO ZOOM)		
Short Title	Thea 13	**THEA 0013. Introduction to Theatre** *Units: 3* Formerly known as DRMA 13 Hours: 54 lecture Addresses the impact of theatre as it mirrors the human condition. Covers the social and political impact in the major historical periods, styles, and genres of theatre demonstrated by procedures, production practices, and contributions of significant individual artists, such as playwrights, actors, designers, and directors. Course is open to both majors and non-majors interested in acquiring a critical understanding and appreciation of theatre as a performing art. Required theatre production attendance. (C-ID THTR 111) (CSU, UC)
Prerequisites	None	
Grade Range	9-12	
UC/CSU Transferable	YES	

Professional Photography

Professional Photo 1 (Online) Zoom 2 days a week		
Short Title	Photography 1	For general or college-preparatory students interested in creative and recreational photography. Emphasis will be on the principles of digital photography and SLR photography.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area F	

Other Graduation Requirements

Student can choose High School Health and Wellness OR Sierra College Health Education

Health and Wellness (Online) Zoom 2 days a week

Short Title	Health/Wellness
Prerequisites	None
Grade Range	9-12
A-G Course	No

This course is designed to give students the knowledge how to make informed decisions regarding their own health. This course emphasizes the importance of making good decisions and examines the consequences to these choices. Specific areas of study include, stress management, depression, teen suicide, substance use and abuse, infectious diseases, human sexuality, sexually transmitted diseases, AIDS, and teen pregnancy, and nutrition. This course is required for graduation and also fits into the matrix of a program major for social and health-related fields of study. Students who will not be 15 years of age upon completion of 9th grade are encouraged to take Health and Safety in lieu of this course.

OR

HED 2 Sierra College Health Education (Online or in person through Sierra College)

Short Title	HED 2
Prerequisites	None
Grade Range	9-12
UC/CSU Transferable	YES

HED 0002. Health Education
Units: 3 Hours: 54 lecture
Studies aspects of mental, emotional, and physical health. Emphasis placed on knowledge for development of attitude, understanding, and practice of a preventive lifestyle for healthy living and optimal wellness. Specific instructional areas include chronic diseases, physical activity, nutrition, weight management, birth control methods, human sexuality, alcohol, tobacco, and illicit chemical use, stress, and factors that contribute to wellness and longevity. Experience in personal health assessment and the changing of health behaviors is stressed. (CSU, UC)

Online Asynchronous- No Class Meeting Time. All work is completed through Sierra College Canvas Account.

This is a recommended transferable elective for Child Development Majors and fulfills the Health Graduation Requirement for High School Graduation

PE 9 (Online) Zoom 2 days a week

Short Title	PE 9
Prerequisites	None
Grade Range	9-12
A-G Course	No

An introduction to various physical activities and sports. Instruction includes basic skills, rules, safety, etiquette, sportsmanship, care of equipment, and personal hygiene. Designed to introduce students to team sports through an instructional based program. Units taught will include but not be limited to hockey, soccer, softball, basketball, pickleball, aquatics, dance, track and fitness assessment. Emphasis will be placed on social skills, sportsmanship, respect, fitness awareness, conditioning and the importance of daily physical activity.

Team Sports (Online) Zoom 2 days a week

Short Title	PE 10	A continuing experience with skills and knowledge gained in PE 9, as well as experience with additional physical education activities not previously taught. Designed to introduce students to various activities with an emphasis on individual and dual sports. Units taught will include but not be limited to aquatic lifesaving and games, tennis, volleyball, badminton, golf, archery, combatives, self defense, dance, softball and fitness assessment. Social skills, sportsmanship, fitness principles and regular daily conditioning will continue to be taught, practiced and reinforced in this class.
Prerequisites	None	
Grade Range	10-12	
A-G Course	No	

Career Technical Education (CTE) & Electives

Auto Services Technician (Taught at Adelante 5 days a week)

Sierra College Auto 100 Services Technician I Basic Automotive Services Repair (In person 5 days a week)

Short Title	**Auto 1- Sierra College-Auto 100**	An introductory class open to sophomores, juniors, and seniors. Students will be taught shop safety and the importance of maintaining a vehicle. Students will learn to perform factory recommended maintenance services, basic electrical testing, and various vehicle repairs. Students will work in groups of four and all work will be performed on shop-supplied vehicles. Students earning an A or B grade will qualify for advanced placement in the automotive programs at American River College or Sierra College.
Prerequisites	None	
Grade Range	11-12	
UC/CSU Transferable	NO	

Sierra College 140 Auto Services Technician II Basic Automotive Services Repair (In person 5 days a week)

Short Title	**Auto 2- Sierra College-Auto 140**	For students wishing to continue their studies in the automotive field. Auto systems will be studied in greater detail and students will improve their skills by performing repairs and maintenance on "live" vehicles. The use of the students' own vehicles will be helpful in completing these maintenance jobs. More advanced instruction will include: precision measuring tools, Toyota electrical training, drum and disc brake lathes, automotive specialty tools and equipment. Students completing this program will qualify for additional American River College or Sierra College credits, and will be encouraged to apply for Toyota's T-10 program at ARC or a similar program at another college.
Prerequisites	Auto 100	
Grade Range	11-12	
UC/CSU Transferable	NO	

Auto Services Technician III RJUHSD Advanced Automotive Seminar and Pre-Apprenticeship (In person 5 days a week)

Short Title	Auto 3	This course will deepen the technician's readiness for ASE Maintenance and Light Repair certification along with placing the student in a local automotive shop as a student intern to learn manufacturing specific training.. On the job learning will be supervised by a mentor/sponsor who will assign meaningful job tasks that support students in acquiring employability skills such as teamwork, written communication, problem solving, flexibility, initiative, and reliability. Students will acquire sufficient knowledge and skills for entry into paid, high quality automotive apprenticeship or an entry level job with advancement potential in the automotive service industry. **Course may be repeated for additional credit.
Prerequisites	Auto 140	
Grade Range	11-12	
A-G Course	NO	

Education Pathway 1 (In Person 2 days a week)

Short Title	Education	This course is designed primarily for students interested in child development and the many facets of the education industry from prekindergarten through grade twelve. Much of the units will involve learning about early childhood education and children's physical, cognitive, social, and emotional needs from birth to adolescents. The curriculum integrates academic and career-technical concepts in all aspects of education, including professional standards and requirements to teach; licensing, regulations, and safety procedures; child growth and development; positive interactions and discipline. Students will explore learning theories, practice instructional, and management strategies, and plan and implement age-appropriate and grade-appropriate lessons. They will hear from guest speakers experienced in education-related fields and research the many career options available to them in the industry..
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area G	

Education Pathway 2 (In Person 2 days a week)

Short Title	Child Develop	Students will explore basic Psychology learning theories, practice instructional and management strategies, and plan and implement age-appropriate and grade-appropriate lessons in the education industry from prekindergarten through grade twelve. This course acquaints students with theories of teaching and learning, readies students to assist with and then lead instructional activities, and prepares students for entry into careers in education-related fields. Students focus on teaching & training practices and the skills and abilities needed to become an effective classroom teacher. Students will hear from guest speakers experienced in education-related fields and research the many career options available to them in the industry. The curriculum integrates academic and career-technical concepts in all aspects of education..
Prerequisites	Education Pathway 1	
Grade Range	9-12	
A-G Course	Area G	

Education Pathway 3 (In person 4 days a week at school site)

Short Title	Child Develop	This elective is designed for students who wish to explore the field of teaching as a career. Students will intern at a local elementary or middle school, or in high school freshman classes, four times a week, where they will prepare and teach lessons under the supervision of the classroom teacher. Activities within the classroom include one-on-one tutoring, small-group instruction, monitoring individual and group work, and teaching whole-class lessons. When students are not at the school site, they will attend class at the high school, where they will receive instruction, methods of instruction, and classroom management. They will also develop plans for their off-site internships. Students will complete self-evaluations at each grading period and will be observed and evaluated by the course instructor as well as the classroom teacher.
Prerequisites	Education Pathway 2	
Grade Range	10-12	
A-G Course	Area G	

Dance

Dance 1 (2 days a week in person)

Short Title	Dance 1	This course strives to develop basic skills in a variety of dance styles including jazz, ballet, tap and clogging as well as teaching musicality, choreography development, physical skills and the value of hard work and responsibility. Grades are based on daily participation, attitude, effort and skill. Members of the class are required to participate in a dance performance at the end of the year as their final grade. While costs are minimal, students are asked to buy shoes.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area F	

Dance 2 (2 days a week in person)

Short Title	Dance 2	This class is the next step for students who have completed the beginning dance class. Students will build upon what they have learned in beginning dance in the study of jazz, ballet, clogging, tap, and other forms of dance. Students will also continue to develop dance technique and work on projects. They will perform in fall and/or spring productions.
Prerequisites	Dance 1	
Grade Range	9-12	
A-G Course	Area F	

Dance Choreography 1 (2 days a week in person)

Short Title	Dance Choreog 1	This course is designed primarily for students interested in dance and the many facets of the professional dance and performance industry. Much of the units will involve learning about creating voice through creative movement and choreography. The curriculum integrates academic and career-technical concepts in creative movement and
Prerequisites	Dance 1	
Grade Range	9-12	
A-G Course	Area F	

		dance choreography, including professional standards and requirements for employment. Students will explore elements of dance, sourcing movement, dance history and both personal and group choreography. They will hear from guest speakers experienced in professional and dance education-related fields and research the many career options available to them in the industry.

Dance Choreography 3 (2 days a week in person)		
Short Title	Dance Choreog 3	This course is designed primarily for students interested in dance and the many facets of the professional dance and performance industry. Much of the units will involve learning about creating voice through creative movement and choreography. The curriculum integrates academic and career-technical concepts in creative movement and dance choreography, including professional standards and requirements for employment. Students will explore elements of dance, sourcing movement, dance history and both personal and group choreography. They will hear from guest speakers experienced in professional and dance education-related fields and research the many career options available to them in the industry.
Prerequisites	Dance 2	
Grade Range	9-12	
A-G Course	Area F	

Digital Animation

3D Animation: Three Dimensional Modeling (In Person or Online Zoom 2 days a week)		
Short Title		This course is the first in a three-course CTE pathway. An introduction to three-dimensional modeling on the computer, including the construction of three-dimensional forms, use of surface textures, application of lighting effects, and animation of completed construction. Students will create original projects, including environments, objects, buttons, three-dimensional text, and animation for use in fine arts, graphic design, multimedia, and the World Wide Web.
Prerequisites	Multimedia Recommended	
Grade Range	9-12	
A-G Course	Area	

3D Animation 2: Advanced Animation (In person 2 days a week)		
Short Title		This course provides emphasis on the three-dimension animation techniques using industry-standard software. It covers traditional animation as they are applied and translated to the computer-generated 3D (CG 3D) environment and also to characters that walk, breathe, and act according to the twelve principles of animation. Topics include weight, thought process, and wave principle. Importing and blending MoCap data will be implemented.
Prerequisites	3D Animation 1	
Grade Range	9-12	
A-G Course	Yes	

3D Animation 3: Three-Dimensional Short Production (In person 2 days a week)		
Short Title		This course surveys and practices the pipeline of computer-generated three-dimensional (CG 3D) imagery based on real-world short production scenarios, productions that are three minutes or less. This course will also provide essential skills, strategies, and processes for organizing, selecting, writing, and marketing one's creative work.
Prerequisites	3D animation 2	
Grade Range	10-12	
A-G Course	Yes	

Apparel Design and Merchandising

Apparel Design & Merchandising 1 (In person 5 days a week)		
Short Title	Fashion Des/Merch 1	This introductory course for the Fashion Interior Design and Merchandising (FIDM) Pathway is the first in a sequence of courses designed to introduce students to the art, science, and business skills of designing, producing, and merchandising apparel. Students will learn about the fashion industry, from design to retail, and explore the varied careers within the industry. The first units of study include both design theory (color, textiles, silhouette, etc.) as well as an introduction to logo and digital graphic design. Students will then learn the process of garment manufacturing, using industry standard machinery and tools (including industrial machines, sergers, embroidery machines, heat press, sublimation, screenprinting). The final units of the course focus on the business of fashion, in which students will learn about cost sheets, branding and trend forecasting, merchandising plans, and retail marketing. They will hear from guest speakers with experience from several segments of the fashion industry. The class will culminate with a student portfolio showcasing their knowledge and skills.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Area-F	

Apparel Design & Merchandising 2 (In person 5 days a week)		
Short Title		This concentrator course in the Fashion Interior Design and Merchandising CTE Pathway focuses on garment construction. This course loosely aligns with Sierra College Fashion 4A, with potential for future Dual Enrollment. Students learn techniques specifically related to garment construction, including use of patterns, alterations, fitting techniques, construction/finishing methods, and the use of specialty textiles. Students will analyze costs in garment construction with regard to ready-to-wear and specialty/custom clothing, and use design principles from ADM 1 to style, merchandise and promote garments successfully.
Prerequisites	Apparel Design & Merchandising 1	
Grade Range	9-12	
A-G Course	Area-F	

Apparel Design & Merchandising 3 (In person 5 days a week)		
Short Title		This course is the capstone of a 3-course sequence for the Fashion and Interior Design Merchandising (FIDM) Pathway. This course allows students to customize their learning to apply to the segments of the industry in which they would like to pursue a career. This capstone course prepares students with the skills, attitudes, and knowledge needed for employment in the fashion design, manufacturing, and merchandising of apparel and accessories. Students will design their own projects, present to a panel of experts, and respond to feedback. Skills addressed include trend forecasting, business operations, advanced garment construction and/or manufacturing, customer service, presentation, styling, and marketing.
Prerequisites	Apparel Design & Merchandising 2	
Grade Range	10-12	
A-G Course	Area-F	

Medical Assisting

DE Medical Terminology OR Medical Terminology (Online 2 days a week ZOOM)		
Sierra College Title	**HSCI 0003. Medical Terminology**	Medical terminology will prepare the student to explore the fundamental elements of medical language, including prefixes, suffixes, roots, and combined forms that constitute many medical terms. In addition, essential acronyms and abbreviations are studied to help the student navigate the healthcare language and communicate more efficiently with future healthcare professionals.
Prerequisites	None	
Grade Range	9-12	
UC/CSU Transferable	CSU	

DE Health Careers OR Health Careers (In person 2 days a week)		
Sierra College Title	**ALH 0020. Introduction to Allied Health**	This dual enrollment course is designed for students interested in entering healthcare. Students will gain hands-on experience with vital signs, infection control, CPR, and first aid. Instruction also includes patient confidentiality laws, healthcare delivery systems, career mapping, job outlooks, pay ranges, and employer expectations associated with career opportunities.
Prerequisites	DE Medical Terminology or Medical Terminology	
Grade Range	9-12	
UC/CSU Transferable	CSU	

Clinical Medical Assisting (In person at Internship)		
Short Title	Medical Assisting	This course will provide students with the essential clinical medical assisting skills needed to excel in high-skilled, in-demand jobs within a medical facility. Students will learn to perform EKGs, venipuncture, injections, and various technical support services throughout the course. By mastering these skills, students will be well-prepared for their practicum experience and certification exam. STUDENTS MUST BE 18 TO PARTICIPATE IN INTERNSHIP
Prerequisites	Health Careers and Medical Terminology	
Grade Range	11-12	
A-G Course	No	

Other Electives

Yearbook (Online 2 days a week Zoom)

Short Title	Yearbook	Yearbook is designed for general or college-prep students to produce the school yearbook. Students will learn the basics of journalistic writing, layout design, photography and the business of publications. Students will become adept at using computer programs such as Page Maker and Adobe Photoshop to produce the yearbook. Emphasis is also placed on team building and group communication skills essential to the workplace. The class is also open to students who are interested in the business end of yearbook production (raising money, selling ads, keeping records) and in photography. Enrollment is limited. **Course may be repeated for credit.
Prerequisites	Interview with teacher	
Grade Range	9-12	
A-G Course	Area G	

Military History (Online 2 days a week Zoom)

Short Title	Military History	Military History is a course designed to provide all students with a comprehensive survey of the history, principles, effects, practices and the profession of armed conflict. Students will use skills in cooperative learning, project development, and world-class standards of technical reading, writing, research, decision-making and public speaking as they study the processes and principles of warfare in the context of the complexities of modern-day foreign policy. Students will develop an awareness of the awful realities of war through eye-witness accounts, oral histories, film video, pictures and literature. They will also apply knowledge and skills in tactics and strategy in the context of historical situations, and through the use of computer simulations, to learn the lessons of military history in relationship to today's unpredictable global environment.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Yes	

Sierra College Business 215 Personal Finance (Online/NO ZOOM)

Sierra College Title	**BUS 0215. Personal Finance**	**BUS 0215. Personal Finance** *Units: 3* Formerly known as BUS 101 Prerequisite: Completion of Elementary Algebra or appropriate placement Hours: 54 lecture Practical approach to personal finance principles. Offers a basic understanding of spending, saving, budgeting, borrowing, lending and investing money; credit and debit cards, credit reports/scores, identity theft, insurance, compound interest, retirement, estate planning, and investments. The social,
Prerequisites	Completion of Elementary Algebra	
Grade Range	9-12	
UC/CSU	Yes	

Transferable		psychological, and economic issues related to financial planning will be explored in addition to the calculation and analysis of the financial impacts of their decisions. This course will emphasize the principles to develop economic decision-making skills. Students will create a personal financial plan, including goals, budgets and a savings plan. (CSU, UC)

RISE Sierra College First Year Seminar (Online 2 days a week Zoom)

Sierra College title	**RISE 0001. First Year Seminar**	**RISE 0001. First Year Seminar** *Units: 3* Hours: 54 lecture Introduction to interdisciplinary active reading skills, information literacy, financial literacy, critical thinking, and student success skills. Examines intersectionality and cultural humility as related to student identities, experiences, support, and engagement. (CSU, UC)
Prerequisites	None	
Grade Range	9-12	
UC/CSU Transferable	Yes	

Leadership (Online 2 days a week Zoom)

Short Title	Leadership	**Leadership** *Units: 3* Hours: 54 lecture A course designed to provide students with skills they need to be effective leaders. Students will learn and apply effective intra and inter personal skills, study time/stress management, and understand personality and leadership styles. Students will engage in group dynamics and organizational culture while participating in "real world" experiences. The course is designed to provide students with the leadership skills they need to be actively involved in Student Government, athletics and other co-curricular activities, as well as work experiences and career preparation activities outside of school.
Prerequisites	None	
Grade Range	9-12	
A-G Course	Pending	

Student Government (Online or in person 2 days a week Zoom)

Short Title	Student Govt	This course is designed to teach the basic functions of responsible government including representing the views of the constituents, budgeting, decision-making,
Prerequisites	None	

Grade Range	9-12	and the reaching of consensus and compromise agreements. This course does not meet the district social studies graduation requirement but may be repeated for credit. Students must be elected into this class through the Student Body election process, or appointed to fill a specific role. Participation at lunch and at events taking place outside school hours, including weekends, is mandatory.
A-G Course	Area G	

Taking Courses at Sierra College through the Academic Enrichment Program

Local Community Colleges offer courses to students still in high school so they can earn college credit early. This option is tuition-free and the credits you earn may even count at both your high school and college. Taking college classes in high school can save you time and money, and it helps prepare you for college.
If you decide to attend a two-year California Community College following graduation from high school, earning college credit now will not affect your eligibility for Two Years Free.

Sierra College Academic Enrichment Enrollment Steps

1) Meet with Mrs. Burns to discuss your class options and to verify that you qualify.
2) Apply to Sierra College. Apply online through OpenCCC and indicate that you are a high school student. We recommend using a personal email and not a school email.Learn how to apply to our Academic Enrichment program Video.
3) Set up your mySierra account. Refer to your Welcome email and use the password reset tool to create your account. If you have not received the Welcome email, contact Admissions and Records.
4) Complete the Academic Enrichment Program Application or the Dual Enrollment Application

   - Student: Use your mySierra login to access the form
   - Parent/Legal Guardian: You will receive an email from Dynamic Forms to sign. Use the link provided in the email to create a Dynamics Forms account with your own name and email address. Watch our video: How to sign up for Academic Enrichment using the e-form

     Please Note
     - Student and parent/legal guardians need to have separate accounts to be able to sign the form electronically.
     - After the parent//legal guardian signs the form, it will automatically be sent to the student's high school counselor to sign, then routed to Sierra College for processing. You will receive confirmation in your mySierra email inbox. Please allow up to five business days for processing, once the form is fully completed.

5) Accept College Terms and Conditions. Log into your mySierra and click on the Terms and Conditions link to accept.
6) Register for classes in mySierra. Open on May 12th. Make sure the class you want isn't restricted. Review the Academic Enrichment Restricted Course List. Refer to the Ready4Reg page for instructions.

What else should I know?

Once admitted as an Academic Enrichment student, you must take a minimum of courses from your local high school:

- Fall and spring attendance: Academic Enrichment students must attend high school classes for at least a minimum of one day
- Summer attendance: Academic Enrichment students do not have to attend high school for the minimum one day