El Diamante High School: 2026-2027 CTE Pathways and Linked Learning Academies

CTE PATHWAYS

Students must take pathway courses in sequence and successfully complete the capstone course to be considered pathway completers. Students may not take a capstone course without successfully completing the previous course.

Program	Introduction Course Concentrator Course	Capstone Course	4th Year Course
Ag Animal Science	0007-0008 Int. Ani. & Plant Phy. 0039-0040 Ag Biology* 0094-0095 Animal Science	0042-0043 Veterinary Science	
Ag Business	0039-0040 Ag Biology* 0214-0215 Ag Business 2	0216-0217 Ag Business 3	
Ag Mechanics	0052-0053 Ag Mechanics 1 0039-0040 Ag Biology* 0054-0055 Ag Mechanics 2	0056-0057 Ag Mechanics 3	0058-0059 Ag Mechanics 4
Ag Horticulture	0007-0008 Int. Ani. & Plant Phy. 0046-0047 Floriculture	8878-8879 Floral Design	
Ag Technology	0392-0393 Ag Technology 1 0039-0040 Ag Biology* 8955-8956 Ag Technology 2	8982-8983 Ag Technology 3	8986-8987 Ag Technology 4
Automotive	0406-0407 Intro to Auto Tech 0410ED-0411ED Auto Diag. ED	8914-8915 Adv. Auto Mechanics	
Business	0118-0119 Foundations of Business	0208-0209 Empowering Entrepreneurs	AP Business and Personal Finance
Education	5036-5037 Education 2	5036-5037 Education 3	DE COS Education 50 DE COS Education 125
Culinary Arts	0318-0319 Culinary II	0324-0325 Culinary III	
Digital Communication	8984-8985 Graphic Arts	0158-0159 Advanced Broadcasting	
Medical Assistant	4062-4063 Kinesiology (P)	9412-9413 Medical Assistant	

LINKED LEARNING ACADEMIES

	Media Arts Academy	STRONG Academy
9th Grade Year	1006MAA-1007MAA English 1 Honors (P) MAA 0165MAA-0166MAA Intro to Video MAA (P)	4350AOS-4351AOS STRONG 1 AOS (Fulfills health requirement) 4006-4007 Biology (P) 1006AOS-1007AOS English 1 Honors(P) AOS
10th Grade Year	6150MAA-6151MAA Media Arts 1 (P) MAA 1026MAA-1027MAA English 2 Honors (P)	4062AOS-4063AOS Kinesiology (P) AOS 1026AOS-1027AOS English 2 Honors(P) 4106AOS-4107AOS Chemistry (P) AOS
11th Grade Year	1118MAA-1119MAA American Literature (P) MAA 8584MAA-8585MAA Adv Filmmaking (P) MAA	4022AOS-4023AOS Anat and Phys (P) AOS 4106AOS-4107AOS Chemistry (P) AOS (if not taken yet)
12th Grade Year	6147MAA-6148 Adv. Cinematic Arts MAA (P) 6148MAA-6149MAA Media Arts 2 MAA (P)	4064AOS-4065AOS Sports Medicine AOS (P) **OR** 9412-9413 Medical Assistant

***Ag students participating in Ag pathways should take Ag Biology during their sophomore year, especially if that is the only "Ag" course that will fit in their schedule that year. Students may resume the pathway in their junior year if that is the case.**
***For "pathway" completion status, Academy students must complete all courses in the academy pathway sequence to receive "pathway completer" status.**

VUSD HIGH SCHOOL GRADUATION REQUIREMENTS & UC/CSU A-G REQUIREMENTS

Department	Subject	District Graduation Reqs. Semester=5 units 1 year=10 units	University of California* and California State University Requirements (A-G Requirements) in Years Required *(*Must complete eleven A-G courses by the end of the 11th grade for UC)*
Social Science	World History	10 units	History/Social Science "A: Category 2 years required. One year of World History, Cultures, & Geography and one year of U.S. History or a semester of US History and a semester of Civics or Government.
	U.S. History	10 units	
	Civics	5 units	
	Economics	5 units	
English	English I	10 units	English "B" Category 4 years required. Four years of college preparatory English composition and literature is required.
	English II	10 units	
	11th Grade English	10 units	
	12th Grade English	10 units	
Math	Integrated Math 1	10 units	Mathematics "C" Category 3 years are required, and 4 years are strongly recommended. Must include Integrated Math I, II, and III
	Integrated Math 2	10 units	
	Integrated Math 3	10 units	
	Other Math	10 units	
Physical Education	Core PE (9th grade year)	10 units	None
	PE Elective/Dance	10 units	
Science	Health Science	5 units	Laboratory Science "D" Category 2 years are required, 3 years are strongly recommended. Must include Biology and Chemistry. UC strongly recommends three years of lab science (Advanced Biological Science, Chemistry, or Physics).
	Concept. Physics or Chemistry	10 units	
	Biology (Life Science)	10 units	
Foreign Language	Foreign Language or Visual and Performing Arts or Career Technical Education	10 Units**	Language Other than English "E" Category 2 years required; 3 years recommended. Two years of the same foreign language; UC recommends three years.
Visual & Performing Arts (VAPA)			Visual & Performing Arts "F" Category 1 year is required.
Career Technical Education (CTE)			

Electives		**75 Elective Units**	**College-Preparatory Elective "G" Category 1 year required One year of "a-f" courses beyond those used to satisfy the requirements of the "a-f" subjects or courses in the approved elective "g" category.**
TOTAL		**220 Elective Units**	**A minimum of 15 a-g courses is needed for admission.**

El Diamante High School 2026-2027 UC/CSU "A-G" Approved Course List

UC/CSU A-G Category	EL DIAMANTE HIGH SCHOOL COURSES	
"A" History/Social Science **Two years of history, including:** ● **one year of world history, cultures, or historical geography (maybe a single yearlong course or two one-semester courses), and** ● **one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government**	World History/Cultures & Geography United States History Civics	**COS History 4 and COS History 5 (DE)** **COS History 17 and COS History 18 (DE)** **American Government & Politics (AP)**
"B" English **Four years of college-preparatory English**	English 1, 1 Honors English 2, 2 Honors American Literature CSU Exp Reading/Writing	**English Language (AP)** **English Literature (AP)** **COS 1 and COS 2**
"C" Mathematics **Three years of college-preparatory mathematics**	Integrated Math 1 Integrated Math 2, 2 Honors **Integrated Math 3, 3 Honors**	**Pre-Calculus (AP)** **Calculus AB (AP)** **Statistics (DE)** **Statistical Reasoning in Sports**
"D" Science **Two years of college-preparatory science**	Ag Biology Anatomy & Physiology Biology Chemistry Conceptual Physics	**Biology (AP/DE)** **Chemistry (AP)** **Environmental Science (AP)** Kinesiology
"E" Language Other than English Two years, or equivalent to the 2nd level of high school instruction, of the same language other than English are required	French 1, 2, 3, 4 Spanish 1, 2, 3 Spanish 1SS, 2SS	**Spanish Lang & Culture (AP)** **Spanish Lit & Culture (AP)**
"F" Visual & Performing Arts **One yearlong course of visual and performing arts**	Intermediate Band Advanced Band Jazz Band Orchestra Advanced Orchestra Beginning Soprano/Alto Intermediate Soprano/Alto Bass Clef Chorus Advanced Choir Vocal Ensemble Floriculture Floral Design 3D Art 1, 2, 3 Drama 1, 2, 3 Stagecraft	Studio Art, 1, 2, 3, 4 Media Arts 1, 2 Intro to Video (MAA) AdvFilmmaking (MAA) Introduction to Dance Intermediate Dance Advanced Dance Dance Performance Hip Hop Yearbook Adv Media Broadcast Adv Cinematic Arts(MAA) **Film Appreciation (DE)** Color Guard

"G" College-Preparatory Elective One year (two semesters) chosen from courses specific to the elective	Ag Animal Science Ag Business 2, 3 Ag. Mechanics 1, 2, 3, 4 Ag Tech 1,2,3, 4 Animal & Plant Physiology Automotive 1, 2,3 AVID 1, 2, 3, 4 Business 1 **Business and Personal Finance (AP)** **Counseling 10/Counseling 25 (DE)** Culinary Arts 1-3 Economics Education 2 **Education 50/ Education 120 (DE)** Ethnic Studies	Journalism 1, 2 History in Film **Human Geography (AP)** **Medical Assistant** **Nurse Assistant** **Psychology (DE)** Speech 1 STRONG 1 (AOS) Work Experience Ag Leadership Student Government and Leadership Success 101 Work Experience