



Los Alamitos High School Integrated Program of Study Course Grid



Public Services Sector

Emergency Response Pathway*

Grade	CTE Courses/VAPA	Social Science	English Language Arts	Math	Science	Misc. Required Courses	World Language	Early College Credit Options	College Courses	Work-Based Learning
8	Exploratory CTE	History	Language Arts	Math 8 or Algebra I (UC)	Physical Science	PE	World Language HS Credit (optional)	CCC: Emergency Management Programs	Fall	Guest Speakers, Workplace Tour
									Spring	
									Summer	
9	Visual or Performing Art (UC)		English 9 or English 9 H (UC)	Algebra I or Geometry H (UC)	Biology (UC)	Health & PE-1	World Language (UC) (Required)	Cypress College: Homeland Security Programs	Fall	Guest Speakers, Workplace Tour
									Spring	
									Summer	
10	Fire Tech (UC) Intro CTE	World History or AP World History (UC)	English 10 or English 10 H (UC)	Geometry or Algebra II/Trig (UC)	Chemistry (UC)	PE-2	World Language (UC) (Required)	GWC: Criminal Justice Center Programs	Fall	Guest Speakers, Workplace Tour
									Spring	
									Summer	
11	Emergency Medical Response (UC) Concentrator CTE	U.S. History or AP U.S. History (UC)	English 11 or AP English Language (UC)	Algebra II or Pre-Calculus (UC)	Anatomy & Physiology (UC)		World Language (UC) (Elective)	OCC: Emergency Medical Services Programs SAC: Emergency Medical Technician Programs	Fall	Guest Speakers, Workplace Tours, Job Shadowing
									Spring	
									Summer	
12	Emergency Medical Technician (UC) Capstone CTE	Government / Economics or AP Govt/Econ (UC)	ERWC, Literature, or AP Literature (UC)	Pre-Calculus, Finite, AP Statistics or AP Calculus (UC)	AP Chemistry, AP Biology or Physics (UC)		AP World Language (UC) (Elective)	SC: Emergency Medical Technician Programs	Fall	Guest Speakers, Workplace Tours, Job Shadowing, Internships
									Spring	
									Summer	

Potential Certifications, Certificates, Degrees	High School Industry Certifications	Community College Programs/Certificates	UC/CSU Degree Programs
	American Heart Association - Basic Life Support	Public and Human Services	CSU Emergency Services Administration
	Eligibility for National Registry of Emergency Medical Technicians Exam	Administration of Justice	CSU Public Services Administration
	Orange County Emergency Medical Services Registry	Emergency Medical Technician	UC Pre-Med or Nursing
Potential Employment/Salary (median salary in OC)	Lifeguard, Ski Patrol, and Other Recreational Protective Worker \$35K	Firefighter - \$90K	Emergency Room Physician - \$208K+
	Ambulance Driver and Attendant - \$31K	Emergency Medical Technician - \$35K	Fire Chief - \$146K
	Personal Care Aide - \$26K	Emergency Room Nurse - \$106K	Nurse Practitioner - \$131K

