



**Integrated Program of Study Course Grid**  
 Health Science and Medical Technology Sector  
 Patient Care 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)	Fall	Guest Speakers, Workplace Tours	
								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)	<a href="#">Cypress College: Biomedical</a>	Guest Speakers, Workplace Tours	
								Fall		
								Spring		
10	Human Anatomy and Physiology (UC) Concentrator 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)	<a href="#">GWC: Nursing Programs</a>	Guest Speakers, Workplace Tours	
								Fall		
								Spring		
11	Human Anatomy and Physiology (UC) Concentrator CTE	U.S. History or AP U.S. History (UC)	English 11 or AP English Language (UC)	Algebra II or Pre-Calculus	Physics or AP Biology (UC)		World Language (UC) (Elective)	<a href="#">OCC: Allied Programs</a>	Guest Speakers, Workplace Tours, Job Shadowing	
								Fall		
								Spring		
12	Advanced Anatomy and Physiology (UC) Capstone CTE	Government/Economics or AP Govt/Econ (UC)	ERWC, Literature, or AP English Literature (UC)	Pre-Calculus, Finite, or AP Statistics or AP Calculus (UC)	AP Chemistry or Physics (UC)		AP World Language (UC) (Elective)	<a href="#">SAC: OT Programs</a>	Guest Speakers, Workplace Tours, Job Shadowing, Internships	
								Fall		
								Spring		
								<a href="#">SC: Nursing Programs</a>		
								Fall		
								Spring		
								<a href="#">Cerritos College: PT Assistant</a>		
								Fall		
								Spring		
Potential Certifications, Certificates, Degrees	High School Industry Certifications			Community College Programs/Certificates			UC/CSU Degree Programs			
	Basic Life Support - CPR			Health Informatics Specialists			CSU Public Health			
				Physical Therapy Assistant			CSU Kinesiology			
Potential Employment/Salary (median salary OC)				Occupational Therapy Assistant			UC Biology			
	Dental Laboratory Technician - \$44			Health Information Technologist - \$77K			Occupational Therapist - \$97K			
	Home Health Aide - \$30K			Physical Therapy Assistant - \$77K			Physician Assistant - \$130K			
Medical Secretary - \$46K			Occupational Therapy Assistant - \$76K			Physical Therapist - \$101K				