

CTE PROGRAM OF STUDY					Industry Sector:	Health Science and Medical Technology				
Secondary & Post Secondary					Career Pathway:	Diagnostic Services, Health Informatics, Support Services, and Therapeutic Services				
					Program of Study:	Health and Medical Careers				
Levels	Grade	ELA	Math	Science	Social Science	CTE Courses		Other Recommended Courses and UC/CSU Requirements	Sample Occupations Related to this pathway	
SECONDARY	7	x	x	x	x	Career Exploration	College Pathway 7	Physical Education	Occupations requiring a high school diploma or equivalent	
	8	x	x	x	x		College Pathway 8	Physical Education		
	Assessments, advising or additional preparation - 8th Grade Promotion								Medical Records Clerk Certified Nurse Assistant Pharmacy Technician Aide Dental Assistant	
	9 <b>California High School minimum graduation requirements</b>								**	Occupations requiring Certification or Licensure
	Assessments, advising or additional preparation - Interest or Skills Assessment (Career Locker)									
	10 -- History/Social Science -- 3 years, including American Government and Economics -- English -- 4 years -- Math -- 2 years (**3 years UC/CSU a-g) -- Science -- 2 years-Biology and Physical -- Visual or Performing Arts or Foreign Language -- 1 required (**2 years UC/CSU a-g) -- PE -- 2 years required -- Other local requirements as required for graduation E.C. 51225.3						Medical Terminology	ROP Medical Terminology	Math	Medical Lab Technician Medical Transcriptionist Pharmacy Technician
	Assessments, advising or additional preparation - Sophomore Year - California High School Exit Examination									Occupations requiring an AA/AS degree (2 years)
	11 ROP Medical Terminology Medical Internship <b>BUHS Medical Terminology a-g course</b>						ROP Medical Clerical Health Career Terminology	Chemistry	Registered Nurse Physical Therapy Aide Radiologist Technologist	
	Assessments, advising or additional preparation - Junior Year - Administer Early Assessment Program (EAP)									Occupations requiring a BA/BS degree (4 years)
	12 <b>**Students are encouraged to meet UC/CSU entrance requirements</b>						Medical Terminology Medical Internship ROP Nursing Assistant ROP Home Health Aide <b>BUHS Medical Terminology a-g course</b>	ROP Pharmacy Technician ROP Dental Assistant		
	Assessments, advising or additional preparation - ACCUPLACER College Entrance Examination and/or ACT and/or SAT									Dental Hygienist Physical Therapist Physician Assistant Nursing Administrator Radiologist
	<b>** Denotes Articulated and Dual Credit courses. These must be taken and moved to the secondary level for credit purposes</b>									
POST SECONDARY	13 <b>Minimum Academic Requirements for AA Degree</b>					CTE Sequence- First Semester		CTE Sequence - Second Semester		Industry recognized certifications, licenses, credentials/ apprenticeships related to this pathway
	Semester/Quarter Units - Minimum per Area Area A - Natural Sciences (3/4) Area B - Social and Behavior Sciences (3/4) Area C - Humanities (3/4) Area D - Language and Rationality (3/4) Section 3 - Ethnic Studies (as required) 60 units of Degree Applicable Courses 30 Units of General Education Courses					Medical Terminology - articulation pending		60 units of Degree Applicable Units	CPR First Aid Pharmacy Technician Dental Assistant Allied Health Certifications: (Radiology, Respiratory, Laboratory, Physical Therapy, Occupational Therapy, Pharmacy, Medical Assistant, etc.) Nursing Certifications: (Certified Nurse Assistant, Licensed Vocational Nurse, Registered Nurse, etc.)	
						Acquisition of major - 18 units minimum		30 units of General Education		
								Health Education 102		
								1 Unit Physical Education Activity		
								3 Units of Communication & Analytical Thinking or Speech 100		
								5 Units of Organic Chemistry		
						Majors: EMT, Emergency Medical Technology, Paramedics, Medical Assistant, Pharmacy Technician, EMT, RN, LVN, Nurse Assistant, and Home Health Aide requirements		3 units of Growth & Development		
14 <b>Imperial Valley College:</b> <a href="http://www.imperial.edu">www.imperial.edu</a>										
15 For information on transfer to San Diego State University-Imperial Valley Campus RN to BSN program 1) meet with your community college counselor for proper education planning, 2) complete admission requirements, & 3) submit university application during published filing period										
16 <b>Suggested Majors:</b> **Meet WPA requirements, 6 units of General Education and other courses in major (Professional Nursing, Community Health, Nursing Research, Leadership, Health Assessment, Critical Care & EKG										