

# Industry Sector: Health Science and Medical Technology

## Pathway: Emergency Medical Services Certificate



### California Program of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives	Sample Occupations relating to this pathway (Including SOC Code)
<b>SECONDARY</b>	9	English	Math	Social Science	Science		Physical Education	<b>Occupations requiring a high school diploma</b> > None <b>Occupations requiring some post-secondary</b> > EMT > ER Tech <b>Occupations requiring a 2 year Degree</b> > F.F. Employability > MA Employability > NA Employability <b>Occupations requiring a BA/BS Degree</b> > Operations Expert Supervisors > Emergency Services Managers of Emergency Services
	10	English	Math	World History	Science		Physical Education Visual/Performing Arts or Foreign Language	
	11	English		US History		Anatomy/Physiology		
	12	English (Recommended)		Civics and American Government		EMR		
(High School courses listed in the light green and yellow areas are the Minimum State High School Graduation requirements)								<b>Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway.</b> > NREMT Certification > State EMT Certification  EMT degree could lead to the following careers with additional training: Paramedic Flight Medic RN Admission Points PA Admission Points Flight Nurse Physician Researcher
	13	<b>As Degree Suggested Course Sequence Years 1 &amp; 2</b>						
		<b>Fall Year 1</b>	<b>Spring Year 1</b>	<b>Summer</b>	<b>Fall Year 2</b>		<b>Spring Year 2</b>	
	14	<b>EMS 157</b> First Responder Train (3)	<b>EMS 4</b> Emergency Med Tech (7)		<b>BIOL 60</b> Human Physiology (4) <b>-or-</b> <b>EMS 12</b> Pre-Paramedic Training (8)		<b>EMS 97</b> Work Experience In Emerg Medical Service (1-4)	
		<b>EMS 175</b> EMS Skills Development (2)	<b>EMS 20</b> Basic Cardiology		<b>EMS 165</b> Conversational Medical Spanish (3)			
		<b>BIOL 10</b> Human Anatomy (4) <b>-or-</b> <b>EMS 12</b> Pre-Paramedic Training (8)						
		<b>ENGL 1A</b> Read/Comp (3) Recommended						