

Industry Sector: Health Science and Medical Technology

Pathway: Emergency Medical Services - AS Degree



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)
	9	English	Math	Social Science	Science		Physical Education	Occupations requiring a high school diploma > None Occupations requiring some post-secondary > EMT > ER Tech Occupations requiring a 2 year Degree > F.F. Employability > MA Employability > NA Employability
	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)

As Degree Suggested Course Sequence Years 1 & 2

13	Fall Year 1	Spring Year 1	Summer	Fall Year 2	Spring Year 2
14	EMS 157 First Responder Train (3)	BIOL 10 Human Anatomy (4) (Meets GE AREA - B.2)- -or- EMS 12 Pre Paramedic (8) (Take EMS 12 after EMS 4)	GE (3)	EMS 4 Emergency Med Tech (7)	MATH2 Statistics (4) (Meets GE AREA B.4)
		EMS 165 Convers. Med. Span (3)	BIOL 60 Human Physiology (4) -or- EMS 12 Pre Paramedic (8) (Take EMS 12 after EMS 4)	GE (3)	EMS 20 Basic Cardio and Cardiac (3) -or- EMS 97 Work Experience (2) -or- EMS 175 EMS Skills Development (2) Must complete 4 units from these 3 courses
	English 1A Read/Comp (3) (Meets GE Area A.1)	GE (3)		GE (3)	GE (3)
	HHP Activity Course (1)	GE (3)		HHP Activity Course (1)	GE (3)

If EMS 12 is completed and BIOL 10/60 is not taken, then a GE in either AREA B.1 or B.2 will need to be added to the degree.

GE requirements – One each from the following areas: (A.1 or A.3, A.2, B.1 or B.2, Math 104, C.1 or C.2, one course from DO-D9, one course E, plus 1 Physical Education activity courses and one additional unit of activity.)

Occupations requiring a BA/BS Degree

- > Operations Expert
- > EMS Manager
- > EMS Supervisor or Administrator

Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway.

- > NREMT Certification
- > State EMT Certification

EMT degree could lead to the following careers with additional training:

- Paramedic
- Shipboard Paramedic
- Flight Medic
- RN Admission Points
- PA Admission Points
- Flight Nurse
- Physician
- Researcher

Watterson/Ellis 2016-2017