



## Pathway: Therapeutic Services

### Plan of Study: Emergency Medical Technician

**Career Goal (O\*Net Code):** Emergency Medical Technician (29-20410), Paramedic (29-2041)

#### Suggested High School Courses

High School * Default includes CDHE Higher Education Admission Requirements	9 <sup>th</sup>	Core Academic Courses*:	English I, Algebra I, Earth or Environmental Science, State History/Civics	Suggested Electives: Computer Applications
		Career Path Courses:	Health Science Technology I – Introduction to Health Science	
	10 <sup>th</sup>	Core Academic Courses*:	English II, Geometry, Biology, US History, Foreign Language	Suggested Electives: Sociology
		Career Path Courses:	Health Science Technology II – Health Safety and Ethics	
	11 <sup>th</sup>	Core Academic Courses*:	English III, Algebra II or other, Chemistry	Suggested Electives: Psychology
		Career Path Courses:	Health Science Technology III, Employment in Health Occupations	
	12 <sup>th</sup>	Core Academic Courses*:	English IV, Trigonometry or other Math, Anatomy & Physiology or other lab based science	Suggested Electives: Speech
		Career Path Courses:	Health Science Technology IV, 1 <sup>st</sup> Responder, EMT Emphasis	

#### Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	<b>Postsecondary Credit Options:</b> HPR 100 Intro to Health, HPR 101 Customer Service in Health Care, HPR 104 Health Career Options, HPR 106 Law & Ethics, HPR 178 Medical Terminology, MOT 136 Intro to Clinical Skills
	<b>Industry Recognized Certificate(s) or License(s):</b> EMT, Paramedic

Postsecondary Education Opportunities		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/ Requirements
		Certificate	Emergency Medical Technician	Red Rocks Community College
Associate Degree	Paramedic	Red Rocks Community College	EMT Basic with one year experience, BIO 201, BIO 202, (Anatomy and Physiology) EMS 130 (I V), HPR 190 (Basic EKG)	
Bachelor Degree	Nursing, BSN Biology or Chemistry (Pre-Med) Healthcare Administration,	University of Colorado Health Sciences Center, Regis University, Colorado State University, University of Northern Colorado More Options: <a href="http://www.collegeincolorado.org">www.collegeincolorado.org</a>	See each school's admissions website.	
Graduate Degree	Physician Assistant, Doctor of Medicine, Certified Nurse Practitioner	Red Rocks Community College PA Program, University of Colorado Health Sciences Center, Regis University, Colorado State University, University of Northern Colorado More Options: <a href="http://www.collegeincolorado.org">www.collegeincolorado.org</a>	See each school's admissions website.	

**Cluster Overview:** The **Health Science Career Cluster** prepares students for careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

**Extended Learning Experiences**

<p><b>Curricular Experiences:</b></p> <p>Health Occupations Students of America</p>	<p><b>Extracurricular Experiences:</b></p> <p>Explorers, National Youth Leadership Forum on Medicine, Medical Mission Trips, Special Olympics</p>
<p><b>Work-Based Learning Experiences:</b></p> <p>Paid and unpaid job shadowing, Internships</p>	<p><b>Program Accreditation and/or Professional Association(s):</b></p> <p>Colorado Department of Public Health and Environment <a href="http://www.coems.info">www.coems.info</a></p> <p>Emergency Medical Association of Colorado <a href="http://www.emsac.org">www.emsac.org</a></p> <p>National Association of EMTs <a href="http://www.naemt.org">www.naemt.org</a></p>
<p><b>Service Learning Experiences:</b></p> <p>Volunteer Firefighter, Volunteer EMT</p>	

<b>Career Options:</b>		<b>Salary Range:</b>
Certificate	EMT, Paramedic, Fire Fighter	\$- \$\$
Associate Degree	Paramedic, Registered Nurse	\$\$-\$\$\$\$
Bachelor Degree	Emergency Room Nurse, Flight Nurse, Emergency Medical Service Educator, Ambulance Service Manager or Director	\$\$ - \$\$\$\$
Graduate Degree	Physician Assistant, Emergency Room Medical Doctor, Emergency Medical Services Medical Director	\$\$\$ - \$\$\$\$

- \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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