

High School to College and Career Pathway: Secondary

Career and Technical Education: Preparing Students for College and Career!



Area of Study: Health Science Education

Pathway: Therapeutic Services – Emergency Medical Technician (EMT)

Get the Facts

Emergency medical technicians and paramedics must have formal training and certification. In order to maintain certification, EMTs and paramedics are required to recertify, typically every 2 years.

Workforce Trends

A growing and urbanized population will demand more emergency services, increasing the demand for professional emergency medical technicians (EMT) and paramedics.



CAREER AND TECHNICAL EDUCATION

Recommended Pathway Courses

(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)

CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL

Course #	Foundation Courses: (required)	Credit
51.0904	Emergency Medical Technician	1.00
Elective Courses:		
51.0810	Emergency Medical Services, Introduction	.50
51.0001	Health Science, Introduction	.50
51.1399	Medical Anatomy & Physiology	1.00
51.0799	Medical Terminology	.50
51.9999	Medical Math	.50
51.1199	Health Science, Advanced (capstone course)	1.00
32.0199	Student Internship (Critical Workplace Skills)	.50

1.00 credit

2.00 credits

3.00 credits for completion

Visit UtahCTE.org to learn how to earn industry certification in this Pathway.

Dental is:

- > High skill
- > High demand
- > Nontraditional for females

Sample Career Occupations

- > Emergency Medical Technician (EMT)
- > Health Science Education Teacher
- > Paramedic

Middle School		State Requirements		High School Suggested Education Plan				College and Career
7th Grade	8th Grade	Middle School	High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts 4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	There are a number of options for education and training beyond high school, depending on your career goals. <ul style="list-style-type: none"> > Certificate > Associate degree > Bachelor's degree > Professional degree > On-the-job training > Apprenticeship > Military training For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org .
Math * 1.00	Math * 1.00	2.00	Math 3.00	Math * 1.00	Math * 1.00	Math * 1.00	Medical Math .50	
Science .50	Science 1.00	1.50	Science 3.00	Earth Systems 1.00	Biological Science 1.00	Medical Anatomy and Physiology 1.00		
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies 3.00	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50	
P.E. 1.00	Health .50	1.50	P.E./Health 2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50			
The Arts .50	The Arts .50	1.00	Fine Arts 1.50	Fine Arts Courses 1.50				
Keyboarding .50			Computer Tech. .50	Computer Technology .50				
CTE Intro 1.00		1.00	CTE 1.00	Refer to Career and Technical Education box above.				

* Talk to your school counselor about math requirements in the new common core curriculum. Core curriculum and elective requirements may vary district to district.

Concurrent enrollment course offerings vary by school and district. Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.