

High School to College and Career Pathway: Secondary

Area of Study: Health Science Education



Pathway: Therapeutic Services Emergency Medical Technician (EMT)

| Middle School | | State Requirements | | | High School Suggested Education Plan | | | | College & Careers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-------------------------------------|---|---|-------------------------------------|-------------------------------------|--|-------------------|--------------------------------|--------|---------|------------------------------|------|--------------------------|--|--|---------|--|-----|---------|--------------------------------|-----|---------|------------------------------|------|---------|---------------------|-----|---------|--------------|-----|---------|--|------|---------|--|-----|
| 7 th Grade | 8 th Grade | Middle School | High School | 9 th Grade Suggested | 10 th Grade Suggested | 11 th Grade Suggested | 12 th 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 | <p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <ul style="list-style-type: none"> > Certificate > Associate degree > Bachelor's degree > Professional degree > On-the-job training > Apprenticeship > Military training <p>Emergency Medical Technician (EMT) is:</p> <ul style="list-style-type: none"> > High skill > High demand > Nontraditional for females <p>Sample Occupations</p> <ul style="list-style-type: none"> > Emergency Medical Technician (EMT) > Health Science Education Teacher > Paramedic <p>For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Algebra 1.00 | Elem. Algebra or Applied Math 1.00 | 2.00 | Math 3.00 | Geometry or Applied Math II 1.00 | Intermediate Algebra 1.00 | Additional credit 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 2.50 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Financial Literacy .50 | Financial Literacy .50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keyboarding .50 | | | Computer Tech. .50 | Computer Technology .50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CTE Intro 1.00 | | 1.00 | Career and Technical Education 1.00 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Workforce Trends A growing and urbanized population will demand more emergency services, increasing the demand for professional emergency medical technicians (EMT) and paramedics.</p> <p>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.</p> | | <p>Core Curriculum and elective requirements may vary district to district. Check with your school counselor.</p> <p>Concurrent enrollment course offerings vary by school and district.</p> | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #00a0e3; color: white;">Course #</th> <th style="background-color: #00a0e3; color: white;">Foundation Courses: (required)</th> <th style="background-color: #00a0e3; color: white;">Credit</th> </tr> </thead> <tbody> <tr> <td>51.0904</td> <td>Emergency Medical Technician</td> <td>1.00</td> </tr> <tr> <td colspan="3" style="background-color: #00a0e3; color: white;">Elective Courses:</td> </tr> <tr> <td>51.0810</td> <td>Emergency Medical Services, Introduction</td> <td>.50</td> </tr> <tr> <td>51.0001</td> <td>Health Science, Introduction *</td> <td>.50</td> </tr> <tr> <td>51.1399</td> <td>Medical Anatomy & Physiology</td> <td>1.00</td> </tr> <tr> <td>51.0799</td> <td>Medical Terminology</td> <td>.50</td> </tr> <tr> <td>51.9999</td> <td>Medical Math</td> <td>.50</td> </tr> <tr> <td>51.1199</td> <td>Health Science, Advanced (capstone course)</td> <td>1.00</td> </tr> <tr> <td>32.0199</td> <td>Student Internship (Critical Workplace Skills)</td> <td>.50</td> </tr> </tbody> </table> | | | | | 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 |
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| | | | | <p>* It is preferred that this course be taken prior to any foundation course.</p> <p>Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Note: For more information, talk to your school counselor.