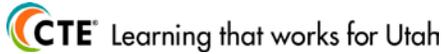


# Utah Career and Technical Education Career Pathway

## 2018-2019 School Year



<p><b>CTSO Information</b> Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.</p> <p>HOSA is the CTSO for students in the Emergency Medical Technician Career Pathway. HOSA enhances the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health science education students.</p> <p><b>Workforce Trends</b> A growing and urbanized population will demand more emergency services, increasing the demand for professional emergency medical technicians (EMT) and paramedics.</p>	<h3 style="margin: 0;">Career Cluster: Health Science</h3> <h4 style="margin: 0;">Career Pathway: Emergency Medical Services</h4> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #00a651; color: white;"> <th style="text-align: left;">CORE CODE</th> <th style="text-align: left;">FOUNDATION COURSES (required)</th> <th colspan="2" style="text-align: left;">CREDITS</th> </tr> </thead> <tbody> <tr> <td>36.01.00.00.030</td> <td>Emergency Medical Technician</td> <td style="text-align: center;">2.00</td> <td style="text-align: center;">2.00 credits</td> </tr> <tr style="background-color: #00a651; color: white;"> <th colspan="2" style="text-align: left;">ELECTIVE COURSES</th> <th colspan="2"></th> </tr> <tr> <td>36.01.00.00.070</td> <td>Emergency Medical Responder</td> <td style="text-align: center;">.50</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">1.00 credit</td> </tr> <tr> <td>36.01.00.00.090</td> <td>Health Science, Introduction</td> <td style="text-align: center;">.50</td> </tr> <tr> <td>36.01.00.00.001</td> <td>Health Science, Advanced (capstone course) *</td> <td style="text-align: center;">.50</td> </tr> <tr> <td>36.01.00.00.110</td> <td>Medical Anatomy and Physiology</td> <td style="text-align: center;">1.00</td> </tr> <tr> <td>36.01.00.00.150</td> <td>Medical Math</td> <td style="text-align: center;">.50</td> </tr> <tr> <td>36.01.00.00.175</td> <td>Medical Terminology</td> <td style="text-align: center;">.50</td> </tr> <tr> <td>41.00.00.00.030</td> <td>Workplace Skills</td> <td style="text-align: center;">.50</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right; font-weight: bold;">3.00 credits for completion</td> </tr> </tbody> </table> <p style="font-size: small;">* Course can be taken up to 1.00 credit.</p> <p style="text-align: center; font-weight: bold;">Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.</p>	CORE CODE	FOUNDATION COURSES (required)	CREDITS		36.01.00.00.030	Emergency Medical Technician	2.00	2.00 credits	ELECTIVE COURSES				36.01.00.00.070	Emergency Medical Responder	.50	1.00 credit	36.01.00.00.090	Health Science, Introduction	.50	36.01.00.00.001	Health Science, Advanced (capstone course) *	.50	36.01.00.00.110	Medical Anatomy and Physiology	1.00	36.01.00.00.150	Medical Math	.50	36.01.00.00.175	Medical Terminology	.50	41.00.00.00.030	Workplace Skills	.50		3.00 credits for completion				<p><b>Emergency Medical Technician is:</b> &gt; High skill &gt; High demand</p> <p><b>Sample Occupations Requiring:</b> <a href="#">High School Diploma</a> &gt; N/A <a href="#">Certificate</a> &gt; Emergency Medical Technician &gt; Paramedic <a href="#">Assoc. or Technical Degree</a> &gt; N/A <a href="#">Baccalaureate Degree</a> &gt; Career and Technical Education Teacher <a href="#">Graduate or Prof. Degree</a> &gt; N/A</p>
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<p><b>Student Testimonial</b> "By taking the CNA and EMT courses in high school I'm better prepared to enter the workforce. These courses allowed me to gain hands-on learning and on-the-job training through CTE Internships, and receive instruction from actual teachers who work in the field."  Taylor Brown</p>	<h3 style="margin: 0;">HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</h3> <p style="margin: 0;">There are a number of options for education and training beyond high school, depending on your career goals.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <tr> <td style="background-color: #00a651; color: white; text-align: center; padding: 5px;"><b>12th Grade</b></td> <td style="background-color: #f4a460; color: white; text-align: center; padding: 5px;"><b>1-Year Certificate</b></td> <td style="background-color: #76c73a; color: white; text-align: center; padding: 5px;"><b>2-Year Associate or Technical Degree</b></td> <td style="background-color: #f1c40f; color: white; text-align: center; padding: 5px;"><b>4-Year Bachelor's Degree</b></td> <td style="background-color: #555; color: white; text-align: center; padding: 5px;"><b>More Graduate or Prof. Degree</b></td> </tr> </table> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%; font-size: small;"> <p>Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain.</p> <p>In high school a variety of certificates can be earned.</p> </div> <div style="width: 45%; font-size: small;"> <p>An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions.</p> <p>In 2015-2016, 73 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31).</p> </div> </div>	<b>12th Grade</b>	<b>1-Year Certificate</b>	<b>2-Year Associate or Technical Degree</b>	<b>4-Year Bachelor's Degree</b>	<b>More Graduate or Prof. Degree</b>	<p><b>Utah Business and Industry Facts</b> According to the Utah Department of Workforce Services, 2,390 individuals are employed as emergency medical technicians throughout Utah.</p>																																		
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<p style="text-align: center; color: #00a651; font-weight: bold;">CTE Skill Certificates</p> <p style="font-size: small;">Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.</p>	<p style="font-weight: bold;">UtahFutures: College and Career Planning</p> <p style="font-size: small;">Visit <a href="http://UtahFutures.org">UtahFutures.org</a> for salary projections, labor market demand, and training options.</p>																																								
<p style="font-size: x-small;">In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.</p>	<p style="font-size: x-small;">In 2016-2017, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 86 percent.</p>																																								