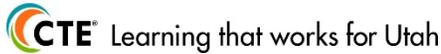


# Utah Career and Technical Education Career Pathway

## 2019-2020 School Year



**CTSO Information**  
 Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

HOSA is the CTSO for students in the Emergency Medical Services 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.

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

### Career Cluster: Health Science

#### Career Pathway: Emergency Medical Services

| CORE CODE                          | FOUNDATION COURSES (required)                                | CREDITS |              |
|------------------------------------|--|---------|--------------|
| 36.01.00.00.030                    | <a href="#">Emergency Medical Technician</a>                 | 2.00    | 2.00 credits |
| ELECTIVE COURSES                   |  |         |              |
| 36.01.00.00.070                    | <a href="#">Emergency Medical Responder</a>                  | .50     | 1.00 credit  |
| 36.01.00.00.090                    | <a href="#">Health Science, Introduction</a>                 | .50     |              |
| 36.01.00.00.001                    | <a href="#">Health Science, Advanced (capstone course) *</a> | .50     |              |
| 36.01.00.00.110                    | <a href="#">Medical Anatomy and Physiology</a>               | 1.00    |              |
| 36.01.00.00.150                    | <a href="#">Medical Math</a>                                 | .50     |              |
| 36.01.00.00.175                    | <a href="#">Medical Terminology</a>                          | .50     |              |
| 41.00.00.00.050                    | <a href="#">CTE Internship</a>                               | .50     |              |
| 41.00.00.00.030                    | <a href="#">Workplace Skills</a>                             | .50     |              |
| <b>3.00 credits for completion</b> |  |         |              |

\* Course can be taken up to 1.00 credit.

**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.**

**Emergency Medical Services is:**  
 > High-skill  
 > High-demand

**Sample Occupations Requiring:**  
[High School Diploma](#)  
 > N/A

[Certificate](#)  
 > Emergency Medical Technician  
 > Paramedic

[Assoc. or Technical Degree](#)  
 > N/A

[Baccalaureate Degree](#)  
 > Career and Technical Education Teacher

[Graduate or Prof. Degree](#)  
 > N/A

**Student Testimonial**  
 "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

### HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are a number of options for education and training beyond high school, depending on your career goals.

| 12th Grade  | 1-Year Certificate | 2-Year Associate or Technical Degree  | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
|---|--------------------|---|--------------------------|-------------------------------|
| 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.<br>In high school a variety of certificates can be earned. |                    | An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions.<br>In 2016-2017, 74 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). |                          |                               |

**Utah Business and Industry Facts**  
 According to the Utah Department of Workforce Services, 2,390 individuals are employed as emergency medical technicians throughout Utah.

**UtahFutures: College and Career Planning**

Visit [UtahFutures.org](http://UtahFutures.org) to explore occupations, search salary projections, access labor market information, investigate training options, and to create a plan.

Visit [UtahCTE.org](http://UtahCTE.org) to access high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

**CTE Credentials of Value**

In 2017-2018, 112,867 CTE Skill Certifications were awarded to secondary students and 19,189 third-party certifications were earned by secondary students.

In 2017-2018, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 87 percent.