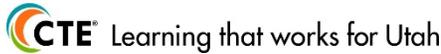


# Utah Career and Technical Education Career Pathway

## 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 Exercise Science/Sports Medicine 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**  
 According to the U.S. Department of Labor, overall employment of physical therapist assistants and aides is projected to increase 30 percent nationwide through the year 2026.  
 Demand for physical therapy is expected to increase in response to the healthcare needs of an older population and individuals with chronic conditions, such as diabetes and obesity.

### Career Cluster: Health Science

#### Career Pathway: Therapeutic Clinical Services: Exercise Science/Sports Medicine

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
36.01.00.00.040	<a href="#">Exercise Science/Sports Medicine</a>	1.00	1.00 credit
ELECTIVE COURSES			
36.01.00.00.070	<a href="#">Emergency Medical Responder</a>	.50	2.00 credits
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.**

**Exercise Science/Sports Medicine is:**  
 > High-skill  
 > High-wage  
 > In-demand

**Sample Occupations Requiring:**  
High School Diploma  
 > Occupational Therapy Aide  
 > Physical Therapist Aide  
Certificate  
 > Massage Therapist  
Assoc. or Technical Degree  
 > Occupational Therapy Assistant  
 > Physical Therapist Assistant  
Baccalaureate Degree  
 > Athletic Trainer  
 > Career and Technical Education Teacher  
Graduate or Prof. Degree  
 > Chiropractor  
 > Occupational Therapist  
 > Physical Therapist

**Student Testimonial**  
 “My occupational goal is to become a physical therapist. The CTE courses that I have taken have not only helped me to gain experience, but they have also helped me to figure out what I would like to study when I reach college.”  
 Tiffany Thacker

### 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. 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. 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**  
 Utah consistently ranks among the healthiest states in the nation. (United Health Foundation)  
 According to the Utah Department of Workforce Services, the average annual salary for an experienced physical therapist assistant is \$52,620.

**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.