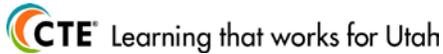


# Utah Career and Technical Education Career Pathway

## 2018-2019 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 CTSSO 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**  
 Job growth will be concentrated in healthcare industry settings, such as ambulatory healthcare services and hospitals. According to the Utah Department of Workforce Services, healthcare occupations are expected to make up seven of the 20 fastest growing occupations by the year 2030.

### Career Cluster: Health Science

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

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
36.01.00.00.040	Exercise Science/Sports Medicine	1.00	1.00 credit
ELECTIVE COURSES			
36.01.00.00.070	Emergency Medical Responder	.50	2.00 credits
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	
36.01.00.00.195	Physical Therapy, Introduction	.50	
41.00.00.00.030	Workplace Skills	.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.**

**Therapeutic Exercise Science/Sports Medicine is:**

- > High skill
- > High wage
- > High demand

**Sample Occupations Requiring:**

High School Diploma

- > Occupational Therapy Aide
- > Physical Therapist Aide

Certificate

- > Message 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.

<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>
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 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).		

**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.

**CTE Skill Certificates**

Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

**UtahFutures: College and Career Planning**

Visit [UtahFutures.org](http://UtahFutures.org) for salary projections, labor market demand, and training options.

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.

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.