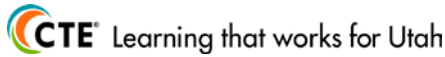


# Utah Career and Technical Education Career Pathway

## 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 Nursing 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**  
 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.

In Utah, employment for nurse practitioners is projected to increase 4.6 percent annually through the year 2024.

### Career Cluster: Health Science

#### Career Pathway: Nursing Services

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
36.01.00.00.190	Nurse Assistant (CNA)*	.50	.50 credit
ELECTIVE COURSES			
36.01.00.00.070	Emergency Medical Responder	.50	2.50 credits
34.01.00.00.150	Food and Nutrition 1	.50	
34.01.00.00.160	Food and Nutrition 2	.50	
34.01.00.00.185	Foundations of Nutrition *	.50	
36.01.00.00.090	Health Science, Introduction	.50	
36.01.00.00.001	Health Science, Advanced (capstone course) *	.50	
34.01.00.00.197	Human Development	1.00	
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	
<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.**

**Nursing Services is:**  
 > High skill  
 > High demand

**Sample Occupations Requiring:**  
High School Diploma  
 > N/A

Certificate  
 > Certified Nurse Assistant (CNA)  
 > Licensed Practical Nurse (LPN)  
 > Medical Assistant

Assoc. or Technical Degree  
 > Advanced Practice Nurse (APN)  
 > Registered Nurse (RN)

Baccalaureate Degree  
 > Career and Technical Education Teacher

Graduate or Prof. Degree  
 > Nurse Anesthetist  
 > Nurse Midwife  
 > Nurse Practitioner

**Student Testimonial**

"In the CNA class I learned many skills. Most importantly I learned how to interact with people from all walks of life and care for them in the ways I would want my loved ones to be cared for.

"It's a requirement for many RN programs to have your CNA before applying to nursing school. I'm glad that CTE gave me the chance to complete that requirement in high school."

Marie-Chantal Niwenshuti

### 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 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).			According to the Utah Department of Workforce Services, 20,481 individuals are employed as registered nurses throughout Utah.  Nurses are employed in hospitals, outpatient care centers, physician offices.  In Utah, a nurse anesthetist (CRNA), a licensed practical nurse (LPN), and a registered nurse (RN) must be licensed.

**CTE Skill Certificates**

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

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.

**UtahFutures: College and Career Planning**

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

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.