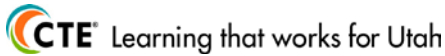


# Utah Career and Technical Education Career Pathway

## 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 CTSSO for students in the Pharmacy 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> According to the U.S. Bureau of Labor Statistics, employment of pharmacists is projected to grow 3 percent through the year 2024. As more people have access to insurance coverage, more pharmacist will be needed to fill their prescriptions and to consult with patients about their medications.</p>	<h3 style="margin: 0;">Career Cluster: Health Science</h3> <h4 style="margin: 0;">Career Pathway: Therapeutic Clinical Services: Pharmacy Technician</h4> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #00a6c9; 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>36.01.00.00.210</td> <td>Pharmacy Technician</td> <td style="text-align: center;">2.00</td> <td style="text-align: center;">2.00 credits</td> </tr> <tr style="background-color: #00a6c9; color: white;"> <th colspan="4" style="text-align: center;">ELECTIVE COURSES</th> </tr> <tr> <td>36.01.00.00.090</td> <td>Health Science, Introduction</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>36.01.00.00.001</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> </tr> <tr> <td colspan="4" style="text-align: center; background-color: #f2f2f2;"><b>3.00 credits for completion</b></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; margin-top: 10px;">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		36.01.00.00.210	Pharmacy Technician	2.00	2.00 credits	ELECTIVE COURSES				36.01.00.00.090	Health Science, Introduction	.50	1.00 credit	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	<b>3.00 credits for completion</b>				<p><b>Pharmacy Technician is:</b> &gt; High skill &gt; High demand</p> <p><b>Sample Occupations Requiring:</b> <a href="#">High School Diploma</a> &gt; Pharmacy Aide &gt; Pharmacy Technician</p> <p><b>Certificate</b> &gt; N/A</p> <p><b>Assoc. or Technical Degree</b> &gt; N/A</p> <p><b>Baccalaureate Degree</b> &gt; Career and Technical Education Teacher</p> <p><b>Graduate or Prof. Degree</b> &gt; Pharmacist</p>
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<p><b>Student Testimonial</b> “I loved the opportunity to participate in CTE courses. These classes have given me the opportunity to plan and prepare. They have helped prepare me for life after high school by giving me the opportunity to experience a variety of life skills. Upon completion of high school, I plan on completing the 600 hour pharmacy technician course offered through Uintah Basin ATC.”  Madison Lamb</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: #00a6c9; color: white; text-align: center; padding: 5px;"><b>12th Grade</b></td> <td style="background-color: #ff7f0e; color: white; text-align: center; padding: 5px;"><b>1-Year Certificate</b></td> <td style="background-color: #2ca02c; color: white; text-align: center; padding: 5px;"><b>2-Year Associate or Technical Degree</b></td> <td style="background-color: #ffc107; color: white; text-align: center; padding: 5px;"><b>4-Year Bachelor's Degree</b></td> <td style="background-color: #6c757d; 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%; padding: 5px;"> <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%; padding: 5px;"> <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> Within the healthcare industry, Utah is highly specialized in drug and pharmaceuticals. Leading biotechnology and pharmaceutical research companies based in Utah include ARUP Laboratories, Myriad Genetics Laboratories, Inc., and USANA Health Sciences, Inc.</p> <p>In Utah, a pharmacist and pharmacy technician must be licensed.</p>																														
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<p style="text-align: center; color: #00a6c9;"><b>CTE Skill Certificates</b></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="text-align: center; color: #00a6c9;"><b>UtahFutures: College and Career Planning</b></p> <p style="font-size: small; text-align: center;">Visit <a href="http://UtahFutures.org">UtahFutures.org</a> for salary projections, labor market demand, and training options.</p>	<p style="font-size: 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: 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>																																		