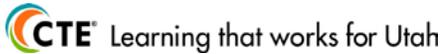


Utah Career and Technical Education Career Pathway

2017-2018 School Year



<p>CTSO Information 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 Surgical 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>Workforce Trends Demand for surgical technicians will rise as the population ages and as new technologies allow for more and varied surgeries. Hospitals will remain the primary employer, but physician offices and clinics, including ambulatory surgical centers, will provide most new jobs.</p>	<h3 style="margin: 0;">Career Cluster: Health Science</h3> <h4 style="margin: 0;">Career Pathway: Surgical 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>36.01.00.00.250</td> <td>Surgical 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>36.01.00.00.070</td> <td>Emergency Medical Responder</td> <td style="text-align: center;">.50</td> <td rowspan="7" style="text-align: center; vertical-align: middle;">1.00 credit</td> </tr> <tr> <td>36.01.00.00.090</td> <td>Health Science, Introduction</td> <td style="text-align: center;">.50</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: right; font-weight: bold;">3.00 credits for completion</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		36.01.00.00.250	Surgical Technician	2.00	2.00 credits	ELECTIVE COURSES				36.01.00.00.070	Emergency Medical Responder	.50	1.00 credit	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	41.00.00.00.030	Workplace Skills	.50	3.00 credits for completion				<p>Surgical Technician is: > High skill > High demand</p> <p>Sample Occupations Requiring: <u>High School Diploma</u> > Health Technician > Health Technologist > Medical Equipment Preparer</p> <p><u>Certificate</u> > Surgical Technologist</p> <p><u>Assoc. or Technical Degree</u> > Medical Equipment Repairer</p> <p><u>Baccalaureate Degree</u> > Career and Technical Education Teacher</p> <p><u>Graduate or Prof. Degree</u> > Surgeon</p>
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<p>Student Testimonial "There were several courses I was able to take while attending high school that really helped to prepare me for the reality of college. The courses I was able to take were specifically medically related, so I can have a better understanding of the human body and the terminology that will be used around me every day as a surgical technologist." Madilyn Eyring</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;">12th Grade</td> <td style="background-color: #e67e22; color: white; text-align: center; padding: 5px;">1-Year Certificate</td> <td style="background-color: #27ae60; color: white; text-align: center; padding: 5px;">2-Year Associate or Technical Degree</td> <td style="background-color: #f1c40f; color: white; text-align: center; padding: 5px;">4-Year Bachelor's Degree</td> <td style="background-color: #5d6d7e; color: white; text-align: center; padding: 5px;">More Graduate or Prof. Degree</td> </tr> </table> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%; font-size: small;"> <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: 65%; font-size: small;"> <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>	12th Grade	1-Year Certificate	2-Year Associate or Technical Degree	4-Year Bachelor's Degree	More Graduate or Prof. Degree	<p>Utah Business and Industry Facts According to the Utah Department of Workforce Services, 1,222 individuals are employed as surgical technologists throughout Utah.</p> <p>Surgical technologists are employed in hospitals, outpatient care centers, and physician offices.</p>																																	
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<p style="text-align: center; font-weight: bold; color: #00a6c9;">CTE Skill Certificates</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="font-weight: bold; color: #00a6c9;">UtahFutures: College and Career Planning</p> <p style="font-size: small;">Visit UtahFutures.org for salary projections, labor market demand, and training options.</p>	<p style="font-size: small;">In 2015-2016, 96,190 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 2015-2016, the graduation rate for students who concentrated in a CTE Career Pathway was 96.6 percent, compared to Utah's statewide graduation rate of 85 percent.</p>																																					