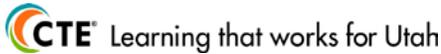


Utah Career and Technical Education Career Pathway

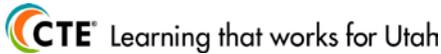
2017-2018 School Year



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<p>Student Testimonial "Throughout the past four years of high school, I have been given the opportunity to take many Health Science [Education] CTE courses. Because of these classes, I have developed a love for the medical field. These courses impacted my education and career goals tremendously." Markelle Bradshaw</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-top: 10px;"> <tr> <td style="background-color: #00a651; color: white; text-align: center; padding: 5px;">12th Grade</td> <td style="background-color: #f4a460; color: white; text-align: center; padding: 5px;">1-Year Certificate</td> <td style="background-color: #76d7c4; color: white; text-align: center; padding: 5px;">2-Year Associate or Technical Degree</td> <td style="background-color: #ffc000; color: white; text-align: center; padding: 5px;">4-Year Bachelor's Degree</td> <td style="background-color: #808080; color: white; text-align: center; padding: 5px;">More Graduate or Prof. Degree</td> </tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%; 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: 45%; 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 Utah is known for its medical innovations, such as the Kolff artificial heart and genetic research. The Utah Population Database (UPDB) is one of the world's richest sources of in-depth information supporting research on genetics, epidemiology, demography, and public health. (Governor's Office of Economic Development [GOED])</p>																														
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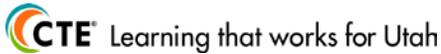
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<p>Student Testimonial</p> <p>"My personal goal is to become a homicide detective. For my occupation I would have to work my way up through the ranks, I am prepared and would love the opportunity. I took a medical forensics class and a bio-technology class; both classes helped me immensely on what to do at a crime scene and how to process evidence. I learned a lot and could definitely use these skills in the career that I want to pursue."</p> <p style="text-align: right;">Micayla Poulsen</p>	<p>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</p> <p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <table border="1"> <thead> <tr> <th>12th Grade</th> <th>1-Year Certificate</th> <th>2-Year Associate or Technical Degree</th> <th>4-Year Bachelor's Degree</th> <th>More Graduate or Prof. Degree</th> </tr> </thead> <tbody> <tr> <td colspan="2"> <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> </td> <td colspan="3"> <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> </td> </tr> </tbody> </table>	12th Grade	1-Year Certificate	2-Year Associate or Technical Degree	4-Year Bachelor's Degree	More Graduate or Prof. Degree	<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>		<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>																										
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<p>Utah Business and Industry Facts</p> <p>According to the Utah Department of Workforce Services, medical and clinical laboratory technicians are employed in 5,268 local, state, and federal businesses throughout the state, including 1,866 physicians' offices industry.</p>																																			
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Utah Career and Technical Education Career Pathway

2017-2018 School Year



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 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 Dental 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
 The dental industry is in critical need of dental assistants. Dentists are hiring more assistants to perform routine tasks so that they may devote more time to complex procedures. In Utah, employment for dental assistants is projected to increase 3.0 percent through the year 2024.

Career Cluster: Health Science

Career Pathway: Dental

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
36.01.00.00.020	Dental Assistant	2.00	2.00 credits
ELECTIVE COURSES			
34.01.00.00.150	Food and Nutrition 1	.50	1.00 credit
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	
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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.

Dental is:
 > High demand

Sample Occupations Requiring:
High School Diploma
 > Dental Laboratory Technician
Certificate
 > Dental Assistant
Assoc. or Technical Degree
 > Dental Hygienist
 > Medical Equipment Repairer
Baccalaureate Degree
 > Career and Technical Education Teacher
 > Health Services Administrators
 > Public Health Educators
Graduate or Prof. Degree
 > Dentist
 > Orthodontist

Student Testimonial
 "The high school dental assisting program has helped me beyond measure. I always knew I wanted to be in the dental field and this [CTE Pathway] gave me the assurance I needed. The opportunity I had to gain this knowledge of my passion for the dental field, as a junior in high school, has greatly [impacted] my future."
 Sydnee Dayley

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
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Utah Business and Industry Facts
 The University of Utah School of Dentistry provides dental-related clinical, research, and healthcare training.
 According to the Utah Department of Workforce Services, more than 4,500 dental assistants are employed in 1,697 dental offices throughout the state.
 In Utah, dental professionals must be licensed.

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

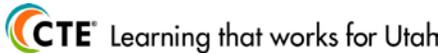
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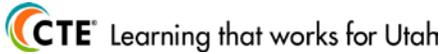
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<p>Student Testimonial “By taking the CNA and EMT courses in high school I’m better prepared to enter the workforce. These courses allowed me to gain hands-on learning and on-the-job training through CTE Internships, and receive instruction from actual teachers who work in the field.” Taylor Brown</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: #00a651; color: white; text-align: center; padding: 5px;">12th Grade</td> <td style="background-color: #ff7f0e; color: white; text-align: center; padding: 5px;">1-Year Certificate</td> <td style="background-color: #2ca02c; color: white; text-align: center; padding: 5px;">2-Year Associate or Technical Degree</td> <td style="background-color: #ffc107; color: white; text-align: center; padding: 5px;">4-Year Bachelor’s Degree</td> <td style="background-color: #6c757d; 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: 45%; 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: 45%; 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, 2,390 individuals are employed as emergency medical technicians throughout Utah.</p>																																		
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Utah Career and Technical Education Career Pathway

2017-2018 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 Medical Assistant 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
 A growing and aging population and technological advances in medicine make this one of the fastest growing occupations nationwide, having a projected job growth of 23 percent through the year 2024.

Career Cluster: Health Science

Career Pathway: Medical Assistant

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
36.01.00.00.120	Medical Assistant	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	
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36.01.00.00.175	Medical Terminology	.50	
41.00.00.00.030	Workplace Skills	.50	
3.00 credits for completion			

* 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.

Medical Assistant is:
 > High demand

Sample Occupations Requiring:
High School Diploma
 > Medical Secretary

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

Assoc. or Technical Degree
 > Registered Nurse (RN)

Baccalaureate Degree
 > Career and Technical Education Teacher
 > Medical and Health Service Manager

Graduate or Prof. Degree
 > Nurse Practitioner

Student Testimonial
 "The CTE [medical assistant] course helped me get a head start in the medical field. It also helped me determine whether or not I actually loved it or not. I plan to work at a doctor's office as a medical assistant while I attend college to further my education."
 Bronda Riguerod

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
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Utah Business and Industry Facts

According to the Utah Department of Workforce Services, 7,313 individuals are employed as medical assistants throughout Utah.

The median salary for a medical assistant is \$25,870.

In Utah, a medical assistant working as a radiology assistant must be licensed. A licensed practical nurse (LPN), and a registered nurse (RN) must also be licensed.

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

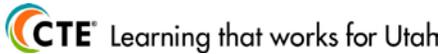
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Utah Career and Technical Education Career Pathway

2017-2018 School Year



CTSO Information
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HOSA is the CTSO for students in the Medical Office Administrative Assistant 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
 Rapid growth in the health services industry should fuel the demand for occupations in the medical office administrative assistant pathway.

Career Cluster: Health Science

Career Pathway: Medical Office Administrative Assistant

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
36.01.00.00.160	Medical Office Administrative Assistant	1.00	1.00 credit
ELECTIVE COURSES			
36.01.00.00.095	Health Information Management	1.00	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	
36.01.00.00.170	Medical Records Technician	.50	
36.01.00.00.175	Medical Terminology	.50	
36.01.00.00.180	Medical Transcription	1.00	
41.00.00.00.030	Workplace Skills	.50	
3.00 credits for completion			

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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.

Medical Office Admin. Assistant is:
 > High demand

Sample Occupations Requiring:
High School Diploma
 > Medical Secretary

Certificate
 > Medical Records and Health Information Technician
 > Medical Transcriptionist

Assoc. or Technical Degree
 > Diagnostic Medical Sonographer

Baccalaureate Degree
 > Career and Technical Education Teacher

Graduate or Prof. Degree
 > N/A

Student Testimonial

"I focused on the health [science] CTE classes in high school. I enjoyed this area because it is something I'm interest in doing as my career and further studying in college. The health area can be difficult and challenging. However, it is the most rewarding. There was never day that I didn't learn something new."

Jamie Foster

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
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Utah Business and Industry Facts

According to the Utah Department of Workforce Services, there are 109 hospitals throughout the state with more than 50,000 employees.

Throughout Utah, 5,325 individuals are employed as medical secretaries. The median annual salary for a medical secretary is \$25,750.

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

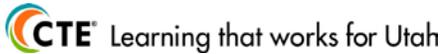
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Utah Career and Technical Education Career Pathway

2017-2018 School Year



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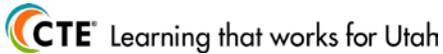
<p>Student Testimonial</p> <p>"In the CNA class I learned many skills. Most importantly I learned how to interact with people from all walks of life and care for them in the ways I would want my loved ones to be cared for.</p> <p>"It's a requirement for many RN programs to have your CNA before applying to nursing school. I'm glad that CTE gave me the chance to complete that requirement in high school."</p> <p style="text-align: right; font-size: small;">Marie-Chantal Niwenshuti</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;"> <thead> <tr> <th style="background-color: #00a6c9; color: white; text-align: center;">12th Grade</th> <th style="background-color: #ff7f0e; color: white; text-align: center;">1-Year Certificate</th> <th style="background-color: #2ca02c; color: white; text-align: center;">2-Year Associate or Technical Degree</th> <th style="background-color: #ffc107; color: white; text-align: center;">4-Year Bachelor's Degree</th> <th style="background-color: #6c757d; color: white; text-align: center;">More Graduate or Prof. Degree</th> </tr> </thead> <tbody> <tr> <td style="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> </td> <td colspan="4" style="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> </td> </tr> </tbody> </table>	12th Grade	1-Year Certificate	2-Year Associate or Technical Degree	4-Year Bachelor's Degree	More Graduate or Prof. Degree	<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>	<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>				<p>Utah Business and Industry Facts</p> <p>According to the Utah Department of Workforce Services, 20,481 individuals are employed as registered nurses throughout Utah.</p> <p>Nurses are employed in hospitals, outpatient care centers, physician offices.</p> <p>In Utah, a nurse anesthetist (CRNA), a licensed practical nurse (LPN), and a registered nurse (RN) must be licensed.</p>
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Utah Career and Technical Education Career Pathway

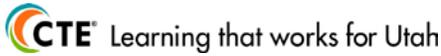
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<p>Student Testimonial “I loved the opportunity to participate in CTE courses. These classes have given me the opportunity to plan and prepare. They have helped prepare me for life after high school by giving me the opportunity to experience a variety 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: #00a651; color: white; text-align: center; padding: 5px;">12th Grade</td> <td style="background-color: #ff7f0e; color: white; text-align: center; padding: 5px;">1-Year Certificate</td> <td style="background-color: #2ca02c; color: white; text-align: center; padding: 5px;">2-Year Associate or Technical Degree</td> <td style="background-color: #ffc107; color: white; text-align: center; padding: 5px;">4-Year Bachelor's Degree</td> <td style="background-color: #6c757d; 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: 45%; 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: 45%; 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 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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Utah Career and Technical Education Career Pathway

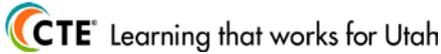
2017-2018 School Year



<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> <h3 style="margin: 0;">Career Pathway: Surgical Technician</h3> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #00a651; 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: #00a651; 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: #00a651; color: white; text-align: center; padding: 5px;">12th Grade</td> <td style="background-color: #f4a460; text-align: center; padding: 5px;">1-Year Certificate</td> <td style="background-color: #76c73a; color: white; text-align: center; padding: 5px;">2-Year Associate or Technical Degree</td> <td style="background-color: #f1c40f; text-align: center; padding: 5px;">4-Year Bachelor's Degree</td> <td style="background-color: #555; 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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Utah Career and Technical Education Career Pathway

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<p>Student Testimonial</p> <p>“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.”</p> <p style="text-align: right; font-size: small;">Tiffany Thacker</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;"> <thead> <tr> <th style="background-color: #00a651; color: white; text-align: center;">12th Grade</th> <th style="background-color: #ff9900; color: white; text-align: center;">1-Year Certificate</th> <th style="background-color: #92d050; color: white; text-align: center;">2-Year Associate or Technical Degree</th> <th style="background-color: #ffcc00; color: white; text-align: center;">4-Year Bachelor's Degree</th> <th style="background-color: #808080; color: white; text-align: center;">More Graduate or Prof. Degree</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"> <p style="font-size: small;">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 style="font-size: small;">In high school a variety of certificates can be earned.</p> </td> <td style="padding: 5px;"> <p style="font-size: small;">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 style="font-size: small;">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> </td> <td colspan="3"></td> </tr> </tbody> </table>	12th Grade	1-Year Certificate	2-Year Associate or Technical Degree	4-Year Bachelor's Degree	More Graduate or Prof. Degree	<p style="font-size: small;">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 style="font-size: small;">In high school a variety of certificates can be earned.</p>	<p style="font-size: small;">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 style="font-size: small;">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>				<p>Utah Business and Industry Facts</p> <p style="font-size: small;">Utah consistently ranks among the healthiest states in the nation. (United Health Foundation)</p> <p style="font-size: small;">According to the Utah Department of Workforce Services, the average annual salary for an experienced physical therapist assistant is \$52,620.</p>																													
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