




**Career Cluster: Agriculture, Food & Natural Resources**

**Career Pathway: Agricultural Mechanics Systems**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Agriculture, Intro	
HIGH SCHOOL	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Agricultural Biotechnology	Business Communication 1
Agricultural Science 1	Business Communication 2
Agricultural Science and Technology Application	Business Leadership 1
Agricultural Systems Technology 1 +	Industrial Agriculture Technology
Biology-Agricultural Science	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
Agricultural Systems Technology 2	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
Agricultural Mechanics, Advanced	
Agricultural Machinery Technology	
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://www.ushe.edu">ushe.edu</a> Utah's public colleges and universities	UtahMajors.org: <a href="#">Majors Guide</a>

concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Hydraulic Technician > Maintenance Service Technician > Welder	> Agricultural Engineer Technician > Diesel Mechanic > Equipment Dealer Technician	> Agricultural Engineer > CTE Teacher > Welding Engineer

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. [Credentials of Value](#)  
 Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“The CTE classes I took in high school, such as agricultural systems and technology, animal science, and floriculture, have given me the basic skills, knowledge and abilities to allow me to obtain employment in any of those fields.”

Colton Zilles  
 Mountain Crest High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food Natural Resources**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA**

is the Career and Technical Student (CTSO) Organization for students in the Agricultural Mechanics Systems Career Pathway.

[FFA.org](https://www.ffa.org) | [UtahFFA.org](https://www.UtahFFA.org)  
[Utah FFA flyer](#)





**Career Cluster: Agriculture, Food & Natural Resources**

**Career Pathway: Agricultural Production Systems**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Agriculture, Intro	
HIGH SCHOOL	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Agricultural Biotechnology	Business Communication 1 *
Agricultural Science 1 +	Business Communication 2
Agricultural Science and Technology Application *	Business Leadership 1 *
Biology-Agricultural Science	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
Agricultural Science 2	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
CTE Internship	<a href="#">Apprenticeship</a>
POSTSECONDARY:	
There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Crop Scout > Pesticide Handler/Applicator > Storage and Hygiene Coord.	> Agricultural Engineer Tech. > Sales Representative > Slaughter/Processor	> Agricultural Inspectors > CTE Teacher > Farm/Ranch Manager

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Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“My CTE classes and my leadership experience in 4-H and FFA have laid a strong foundation on which I can build upon. I have learned crucial values, including hard work, dedication, and responsibility. I plan to go to college to complete a teaching degree.”

Kaitlin Hallam  
 Spanish Fork High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food & Natural Resources**

UtahCTE.org: [Fact Sheet](#)

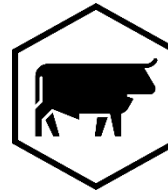
Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA**

is the Career and Technical Student Organization (CTSO) for students in the Agricultural Production Systems Career Pathway.

[FFA.org](#) | [UtahFFA.org](#)  
[Utah FFA flyer](#)





**Career Cluster: Agriculture, Food & Natural Resources**


**Career Pathway: Animal & Veterinary Science**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Agriculture, Intro		
HIGH SCHOOL		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Agricultural Biotechnology	Business Communication 1 *	
Agricultural Science 1	Business Communication 2	
Agricultural Science and Technology Application *	Equine Science 1 +	
Animal Science 1 +	Business Leadership 1 *	
Aquaculture +	Veterinary Assistant 1 +	
Biology-Agricultural Science		
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Animal Science 2 *	Guide Dog Training	Veterinary Assistant 2
Equine Science 2	Small Companion Animal Science	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		> Artificial Inseminator > Livestock Auctioneer > Shipping Coordinator	> Herdsman > Livestock Buyer > Veterinary Assistant/Technologist and Technician

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Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"I took many CTE classes in high school that were beneficial in preparation for my college education to become a veterinary technician. I have a passion for animals and their well-being and want to pursue a career in agriculture."

Karlie Ault  
 American Fork High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food & Natural Resources**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA**

is the Career and Technical Student Organization (CTSO) for students in the Animal & Veterinary Science Career Pathway.

[FFA.org](http://FFA.org) | [UtahFFA.org](#)

[Utah FFA flyer](#)



Utah Career and Technical Education  
 Career Pathway Chart  
 2022-2023 School Year



Food Science, Dietetics & Nutrition  
 CAREER PATHWAY  
 Agriculture, Food & Natural Resources  
 CAREER CLUSTER

**Career Cluster: Agriculture, Food & Natural Resources**

**Career Pathway: Food Science, Dietetics & Nutrition**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
FCS 6th Grade		
FCS Exploration		
HIGH SCHOOL		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Food and Nutrition +		
Human Development *		
Medical Anatomy and Physiology *		
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.		
Dietetics and Nutrition 1		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Dietetics and Nutrition 2	Food Science	Foundations of Nutrition *
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Food Protections Manager > Food Inspector Assistant > Food Sanitation Coordinator	> Research and Development Technician	> CTE Teacher > Dietitian/Nutritionist > Food Scientist

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**Student Testimonial**

“Participating in a CTE Internship helped me to experience the reality of being a dietitian. I participated in a number of activities, including recipe construction, consultations, and food preparation.”

Melissa DeFriez  
 Sky View High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food & Natural Resources**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FCCLA**

is the Career and Technical Student Organization (CTSO) for students in the Food Science, Dietetics & Nutrition Career Pathway.

[FCCLAinc.org](http://FCCLAinc.org) | [UtahFCCLA.org](http://UtahFCCLA.org)

[Utah FCCLA flyer](#)





**Career Cluster: Agriculture, Food & Natural Resources**

**Career Pathway: Natural Resource Science**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Agriculture, Intro	
HIGH SCHOOL	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Agricultural Biotechnology	Business Communication 1 *
Agricultural Science 1	Business Communication 2
Agricultural Science and Technology Application *	Business Leadership 1 *
Aquaculture +	Natural Resource Science 1 +
Biology-Agricultural Science	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
Natural Resource Science 2 *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	<ul style="list-style-type: none"> <li>&gt; Firefighter</li> <li>&gt; Heavy Equipment Operator</li> <li>&gt; Pesticide Handler/Applicator</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Arborist</li> <li>&gt; Fisheries Technician</li> <li>&gt; Forestry Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Conservation Officer/Scientist</li> <li>&gt; Wildlife Biologist</li> </ul>

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**Student Testimonial**

"I enrolled in all of the CTE courses in the Natural Resource Science Pathway. The courses added depth to my understanding. Summer Ag enhanced my practical knowledge in the field. All of this together helped me along my planned path to reach my personal and occupational goals."

Cache Bisel  
 South Summit High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food & Natural Resources**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA**

is the Career and Technical Student Organization (CTSO) for students in the Natural Resource Science Career Pathway.

[FFA.org](https://FFA.org) | [UtahFFA.org](#)  
[Utah FFA flyer](#)





**Career Cluster: Agriculture, Food & Natural Resources**

**Career Pathway: Plant Science**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Agriculture, Intro		
HIGH SCHOOL		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Agricultural Biotechnology	Biology-Agricultural Science	Business Leadership 1 *
Agricultural Science 1	Business Communication 1 *	Plant and Soil Science 1 * +
Agricultural Science and Technology Application *	Business Communication 2	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Floriculture	Landscape Architecture, Intro	Plant and Soil Science 2
Floriculture and Greenhouse Mgmt.	Nursery Operation	Sustainable Urban Agriculture
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Floriculture, Advanced	Greenhouse Management	Landscape Management *
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	<ul style="list-style-type: none"> <li>&gt; Crop Scout</li> <li>&gt; Irrigation Specialist</li> <li>&gt; Pesticide Handler/Applicator</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Arborist</li> <li>&gt; Landscape Technician</li> <li>&gt; Turf Manager</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Crop Advisor</li> <li>&gt; Landscape Designer/Architect</li> </ul>

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**Student Testimonial**

"I took my first agriculture class, which everyone assumes is strictly about farm animals, and it introduced me to plant biology. The classes took place mostly in the school greenhouse, where I learned to grow plants and flowers from seeds. This is where I found my passion."

Madyson Smith  
 Sky View High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Agriculture, Food & Natural Resources**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA**

is the Career and Technical Student Organization (CTSO) for students in the Plant Science Career Pathway.

[FFA.org](#) | [UtahFFA.org](#)

[Utah FFA flyer](#)





**Career Cluster: Architecture & Construction**


**Career Pathway: Architectural Design (CAD)**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Exploring Technology	
HIGH SCHOOL	
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Secondary Math 2	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
CAD Architectural Design 1 * +	Construction Trades Foundation *
Carpentry 1 *	Electrician 1 *
Construction Technology	Plumbing 1
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
CAD Architectural Design 2 *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
CAD Architectural Design 3 *	
CTE Internship	<a href="#">Apprenticeship</a>
POSTSECONDARY:	
There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Civil Drafter	> Architectural Drafter > Civil Drafter	> Architect > Architectural and Engineering Manager > Civil Engineer

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Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

**“As a freshman in high school,** I was unsure what career path I should focus on. Because of this, I ended up taking a wide variety of courses and finding a passion in designing house plans using the computer. I have chosen to focus on structural and architectural design technology.”

Jaxon Schiess  
 Wasatch High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Architecture & Construction**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**TSA**

is the Career and Technical Student Organization (CTSO) for students in the Architectural Design (CAD) Career Pathway.

[TSAweb.org](#) | [UtahTSA.org](#)  
[Utah TSA flyer](#)





**Career Cluster: Architecture & Construction**

**Career Pathway: Construction & Structural Systems**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>			
College and Career Awareness			
Exploring Technology			
<b>HIGH SCHOOL</b>			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Entrepreneurship *	Math 1050	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
CAD Architectural Design 1 * +	Construction Trades Foundations * +		
Construction Management 1 +	Woods 1 +		
Construction Technology +			
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
Carpentry 1 *	Construction Management 2	Electrician 1 *	Plumbing 1
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Carpentry 2 *	Construction Management 3	Electrician 2	Plumbing 2
CTE Internship	<a href="#">Apprenticeship</a>		
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
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\* concurrent enrollment course + recommended explorer course

<b>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</b>			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b> > Electrical and Electronics Engineering Technician > Pipefitter (Journey Level) > Plumber (Journey Level)	<b>2-Year Associate Degree</b> > Carpenter > Electrical Drafter > General Contractor	<b>4-Year Bachelor's Degree</b> > CTE Teacher > Civil Engineer > Construction Manager > Electrical Engineer > Environmental Engineer

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**Student Testimonial**

The CTE classes I have taken have led me to see that I am interested in a career in construction. With the CTE classes I have learned many skills needed to go farther in my career. I have learned that I like framing, shingling, and now I found out I like doing the finish mud on sheet rock. Once I finish my schooling, I will be able to get a job that I will enjoy and that I can improve throughout my life."

Tyler Stettler  
 Murray High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Architecture & Construction**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

[UAEC Pathways](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Construction & Structural Systems Career Pathway.

[SkillsUSA.org](#) | [UtahSkillsUSA.org](#)

[SkillsUSA flyer](#)






**Career Cluster: Architecture & Construction**

**Career Pathway: Interior Design**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
FCS 6th Grade	
FCS Exploration	
HIGH SCHOOL	
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Entrepreneurship *	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Business Communication 1 *	Interior Design 1 * +
CAD Architectural Design 1 *	Marketing 1 *
Digital Media 1 *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
Interior Design 2 *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
Interior Design 3	
Sewing Construction and Textiles 3	
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://www.ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	N/A	> Photo Stylist	> Architect > CTE Teacher > Interior Designer > Sales Manager

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Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

**"The most influential decision I made** during high school was to participate in a CTE Internship. The path towards interior design began with my quick start into the field through my internship. Because my decision was made during high school, I didn't have to waste thousands of dollars in tuition trying to decide on a major."

Paige Kirschbaum  
 American Fork High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Architecture & Construction**

UtahCTE.org: [Fact Sheet](#)

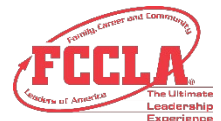
Department of Workforce Services  
[Utah Occupational Explorer](#)

**FCCLA**

is the Career and Technical Student Organization (CTSO) for students in the Interior Design Career Pathway.

[FCCLAinc.org](https://www.fccla.org) | [UtahFCCLA.org](https://www.utahfccla.org)

[Utah FCCLA flyer](#)





**Career Cluster: Arts, Audio/Visual Technology & Communications**

**Career Pathway: Broadcasting & Digital Media**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>			
College and Career Awareness			
<b>HIGH SCHOOL</b>			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
Drama	Film Making	Music Theater	Photography
Drawing 1	Marketing 1 *	Painting	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
3D Graphics * +	Computer Science Principles * +	Screen Printing Technology * +	
AR/VR * +	Digital Media 1 * +	Web Development 1 * +	
Computer Programming 1 * +	Digital Print Design * +		
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
3D Animation 1 * +	Digital Media 2 *	Video Production 1 *	
Digital Audio 1	TV Broadcasting 1		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
3D Animation 2	Digital Media Advanced *	Video Production 2 *	
Digital Audio 2	TV Broadcasting 2 *		
CTE Internship		<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

<b>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</b>			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b> > Camera Operator > Designer > Graphic Artist > Videographer Editor	<b>2-Year Associate Degree</b> > Audio Technician > Audio Video Equipment Tech. > Broadcast Technician > Production Specialist	<b>4-Year Bachelor's Degree</b> > CTE Teacher > Audio Engineer > Motion Graphic Artist > Producer

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**Student Testimonial**

"The CTE courses have helped me focus, get experience, and gain an understanding of the dedication and work required to obtain my goal. These classes have also helped me make the right choice to continue my education."

Marian Vega  
 Box Elder High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Arts, Audio/Visual Technology & Communications**

UtahCTE.org: [Fact Sheet](#)

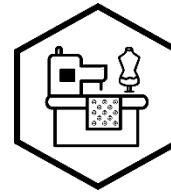
Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Broadcasting & Digital Media Career Pathway.

[SkillsUSA.org](https://SkillsUSA.org) | [UtahSkillsUSA.org](https://UtahSkillsUSA.org)  
[SkillsUSA flyer](#)





**Career Cluster: Arts, Audio/Visual Technology & Communications**

**Career Pathway: Fashion Apparel & Textiles**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
FCS 6th Grade		
FCS Exploration		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Entrepreneurship *		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Digital Media 1 *	Screen Printing Technology *	
Sports and Outdoor Design 1 * +	Sewing Construction and Textiles 1 +	Fashion Design Studio * +
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Sports and Outdoor Design 2 *	Sewing Construction and Textiles 2	Fashion Design Merchandising
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Textile Technology	Sewing Construction and Textiles 3	Fashion Merchandising, Advanced
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Graphic Designer	> Fashion Design and Merchandising	> CTE Teacher > Fashion Designer > Fashion Illustrator > Textile Scientist

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"The information I learned from the CTE classes provided me with a knowledge base about the theories and application of fashion design. I found it exciting and motivating to be able to take classes in high school that fulfilled my passions."

Tyllar Hubbard  
 Herriman High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Arts, Audio/Visual Technology & Communications**

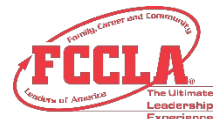
UtahCTE.org: [Fact Sheet](#)

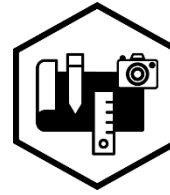
Department of Workforce Services  
[Utah Occupational Explorer](#)

**FCCLA**

is the Career and Technical Student Organization (CTSO) for students in the Fashion Apparel & Textiles Career Pathway.

[FCCLAinc.org](http://FCCLAinc.org) | [UtahFCCLA.org](http://UtahFCCLA.org)  
[Utah FCCLA flyer](#)





**Career Cluster: Arts, Audio/Visual Technology & Communications**

**Career Pathway: Graphic Design & Communication**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Drawing 1	Painting	
Entrepreneurship *	Photography	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Commercial Art 1 * +	Digital Print Design *	
Digital Media 1 * +	Screen Printing Technology *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Commercial Art 2 *	Commercial Photography 1 *	Production Graphics 1 *
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Commercial Art 3	Commercial Photography 2	Production Graphics 2
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	<ul style="list-style-type: none"> <li>&gt; Camera Operator</li> <li>&gt; Commercial Photographer</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Graphic Artist</li> <li>&gt; UX/UI Designer</li> <li>&gt; Web Designer</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Art Director</li> <li>&gt; CTE Teacher</li> <li>&gt; Commercial Designer</li> <li>&gt; Product Developer</li> <li>&gt; Web/App Developer</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“To reach my goal of becoming a graphic designer and animator, I will need to gain both an education and extensive experience. The CTE classes have given me the preparation and foundation for college that I will need to stay one step ahead in order to succeed.”

Lauren Yancey  
 Hunter High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Arts, Audio/Visual Technology & Communications**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FBLA | SkillsUSA | TSA**

are the Career and Technical Student Organizations (CTSO) for students in the Graphic Design & Communication Career Pathway.

[FBLA-PBL.org](http://FBLA-PBL.org) | [Utah-FBLA-PBL.org](http://Utah-FBLA-PBL.org) | [Utah FBLA flyer](#)

[SkillsUSA.org](http://SkillsUSA.org) | [UtahSkillsUSA.org](http://UtahSkillsUSA.org) | [SkillsUSA flyer](#)

[TSAweb.org](http://TSAweb.org) | [UtahTSA.org](http://UtahTSA.org) | [Utah TSA flyer](#)




**Career Cluster: Business, Finance & Marketing**

**Career Pathway: Accounting & Finance**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Digital Literacy	Exploring Business and Marketing	Word Processing
HIGH SCHOOL		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Accounting 1 * +	Business Math and Personal Finance *	Marketing 1 *
Business Communication 1 *	Customer Service *	Real Estate
Business Communication 2	Economics * +	Sports and Entertainment Marketing
Business Law	Entrepreneurship *	Web Development 1 *
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Accounting 2 *		
Accounting, Advanced		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Business and Marketing Capstone		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		N/A	N/A

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“Because of my CTE Internship, I am going to be more prepared when I go into the field of accounting. I will be able to understand and apply it to real hands-on learning experiences.”

Brayden Austin  
 Sky View High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Business, Finance & Marketing**

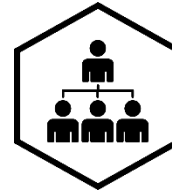
UtahCTE.org: [Fact Sheet](#)  
 Department of Workforce Services  
[Utah Occupational Explorer](#)

**FBLA**

is the Career and Technical Student Organization (CTSO) for students in the Accounting & Finance Career Pathway.

[FBLA-PBL.org](http://FBLA-PBL.org) | [Utah-FBLA-PBL.org](http://Utah-FBLA-PBL.org)  
[Utah FBLA flyer](#)






## Career Cluster: Business, Finance & Marketing

### Career Pathway: Business Administration

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Digital Literacy	Exploring Business and Marketing	Word Processing	
HIGH SCHOOL			
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Accounting 1 * +	Business Math and Personal Finance *	Entrepreneurship * +	Sports and Entertainment Marketing
Business Communication 1 * +	Customer Service *	Business Leadership 1 * +	Web Development 1 *
Business Communication 2	Digital Media 1 *	Marketing 1 * +	
Business Law +	Economics *	Real Estate	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
Business Management *			
Business Leadership 2			
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Business and Marketing Capstone			
CTE Internship		<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	N/A		> Account Representative > Consumer Advocate > Dispute Resolution Analyst

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

**“Taking Business Management** sparked my interest to pursue a business degree. Taking advantage of the CTE program ultimately helped to pinpoint my career trajectory.”

Andrew Nadauld  
 Murray High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Business, Finance & Marketing

UtahCTE.org: [Fact Sheet](#)  
 Department of Workforce Services  
[Utah Occupational Explorer](#)

### DECA | FBLA

are the Career and Technical Student Organizations (CTSO) for students in the Business Administration Career Pathway.

[DECAdirect.org](https://deca.org) | [UtahDECA.org](https://utahdeca.org) | [Utah DECA flyer](#)  
[FBLA-PBL.org](https://fbla-pbl.org) | [Utah-FBLA-PBL.org](https://utah-fbla-pbl.org) | [Utah FBLA flyer](#)





**Career Cluster: Business, Finance & Marketing**


**Career Pathway: Business Information Management**

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Creative Coding		Exploring Business and Marketing	
Digital Literacy		Word Processing	
HIGH SCHOOL			
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Accounting 1 *	Business Law	Database Development * +	Entrepreneurship *
Business Communication 1 * +	Business Math and Personal Finance *	Digital Media 1 *	Information Technology, Intro +
Business Communication 2	Customer Service * +	Economics *	Web Development 1 *
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
Business Office Specialist *			
Digital Business Applications *			
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Business and Marketing Capstone			
CTE Internship		<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	N/A	<ul style="list-style-type: none"> <li>&gt; Desktop Publisher</li> <li>&gt; Legal Assistant/Paralegal</li> <li>&gt; Web Developer</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; General and Operations Manager</li> <li>&gt; Marketing Manager</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"The [Microsoft Office Specialist] certifications helped me land my current job at Lowe's Home Improvement. I am the manager there and perform all of the administrative functions."

Andrew McLay  
 Murray High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Business, Finance & Marketing**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FBLA**

is the Career and Technical Student Organization (CTSO) for students in the Business Information Management Career Pathway.

[FBLA-PBL.org](#) | [Utah-FBLA-PBL.org](#)  
[Utah FBLA flyer](#)






**Career Cluster: Business, Finance & Marketing**

**Career Pathway: Marketing**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Digital Literacy	Exploring Business and Marketing	Word Processing
HIGH SCHOOL		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Accounting 1 *	Customer Service *	Real Estate
Business Communication 1 *	Digital Media 1 *	Sports and Entertainment Marketing +
Business Communication 2 +	Economics *	Web Development 1 *
Business Law	Entrepreneurship * +	
Business Math and Personal Finance *	Marketing 1 * +	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Digital Marketing *		
Retailing *		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Business and Marketing Capstone		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		N/A	N/A

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“The business and marketing courses I have taken in high school have really influenced me in the direction I would like to go for my future education and career.”

Rory James Pollard  
 Fremont High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Business, Finance & Marketing**

UtahCTE.org: [Fact Sheet](#)  
 Department of Workforce Services  
[Utah Occupational Explorer](#)

**DECA**

is the Career and Technical Student Organization (CTSO) for students in the Marketing Pathway.

[DECAdirect.org](#) | [UtahDECA.org](#) | [Utah DECA flyer](#)





## Career Cluster: Computer Science & Information Technology


### Career Pathway: Cybersecurity

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Computer Science Investigations	Python 1, Intro	
Creative Coding	Python 2, Intro	
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Current Issues	Math 1050	Secondary Math 3
Law Enforcement *	Secondary Math 2	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Computer Programming 1 *	Exploring Computer Science	Web Development 1 *
Computer Science Principles *	Information Technology, Intro *	
Database Development *	Linux Fundamentals *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Principles of Cyber Defense and Ethics *		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Cybersecurity Forensics *		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

### HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are several options for education and training beyond high school, depending on your career goals.

	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	<ul style="list-style-type: none"> <li>&gt; Computer Technician</li> <li>&gt; Cybersecurity Operations</li> <li>&gt; Security Specialist</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Computer Network Support</li> <li>&gt; Cybersecurity Technical Writer</li> <li>&gt; Security Architect</li> <li>&gt; Vulnerability Analysis</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Computer and Information Systems Manager</li> <li>&gt; Security App. Programmer</li> <li>&gt; Security Engineer</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

“Getting a degree will help me to pursue my goal of working as a computer programmer at a large company. CTE classes prepared me by showing me what I would actually be doing in the different job fields and how I would apply the information that I learned in class.”

Aaron Montoya  
 Jordan High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Computer Science & Information Technology

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

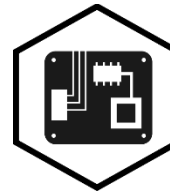
### FBLA | SkillsUSA | TSA

are the Career and Technical Student Organizations (CTSO) for students in the Cybersecurity Career Pathway.

[FBLA-PBL.org](#) | [SkillsUSA.org](#) | [TSAweb.org](#)

[Utah-FBLA-PBL.org](#) | [UtahSkillsUSA.org](#) | [UtahTSA.org](#)

[Utah FBLA flyer](#) | [SkillsUSA flyer](#) | [Utah TSA flyer](#)



**Career Cluster: Computer Science & Information Technology**

**Career Pathway: Information Technology Systems**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Computer Science Investigations	Python 1, Intro	
Creative Coding	Python 2, Intro	
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Math 1050	Secondary Math 2	Secondary Math 3
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Exploring Computer Science	Network Fundamentals *	
Computer Programming 1 *	Information Technology, Intro *	Web Development 1 *
Computer Science Principles 1 *		
Database Development *	Robotics 1	Robotics Technology
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.		
Computer Systems 1	Cloud Computing 1	Geographical Information Systems, Intro
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Computer Systems 2	Cloud Computing 2	Geographic Information Systems Remote Sensing *
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Computer Service Technician > Data Center Technician > Service Desk Analyst	> Computer Network Technician > Computer Systems Manager > Database Administrator > IT Coordinator	> CTE Teacher > Computer and Information Systems Manager > Computer Network Architect > Network Engineer

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"This program helped me earn many industry-level certifications including CompTIA, IT Strata Fundamentals, IC3, Microsoft Technical Associate (MIT), OS Fundamentals, and Security and Academy of Information Technology certifications."

Parker Kingsford  
 West Jordan High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Computer Science & Information Technology**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services

[Utah Occupational Explorer](#)

**FBLA | SkillsUSA | TSA**

are the Career and Technical Student Organizations (CTSO) for students in Information Technology Systems Career Pathway.

[FBLA-PBL.org](#) | [SkillsUSA.org](#) | [TSAweb.org](#)

[Utah-FBLA-PBL.org](#) | [UtahSkillsUSA.org](#) | [UtahTSA.org](#)

[Utah FBLA flyer](#) | [SkillsUSA flyer](#) | [Utah TSA flyer](#)



## Career Cluster: Computer Science & Information Technology


### Career Pathway: Programming & Software Development

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Computer Science Investigations	Python 1, Intro	
Creative Coding	Python 2, Intro	
Digital Literacy		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Business Leadership 1 *	Physics	Secondary Math 3
Math 1050	Secondary Math 2	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
AP Computer Science Principles	Robotics 1	Robotics Technology
Computer Programming 1 *	Mobile Development Fundamentals	
Computer Science Principles *	Exploring Computer Science	Information Technology, Intro
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Computer Programming 2 *	Database Development *	Game Development Fundamentals 1
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
AP Computer Science	Computer Programming, Advanced *	
Algorithms and Data Structures *	Game Development Fundamentals 2	
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

### HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are several options for education and training beyond high school, depending on your career goals.

	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		> Entry Level Programmer	> Computer Systems Analyst > Game Play Programmer > Software Developer

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

"My goal is to become a video game designer or programmer. The classes I took in high school taught me how to use the programs that I would be pursuing in my career field and have given me a taste of what programming and design are like."

Jenny Whitecar  
 Syracuse High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Computer Science & Information Technology

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

### FBLA | SkillsUSA | TSA

are the Career and Technical Student Organizations (CTSO) for students in the Programming & Software Development Career Pathway.

[FBLA-PBL.org](http://FBLA-PBL.org) | [SkillsUSA.org](http://SkillsUSA.org) | [TSAweb.org](http://TSAweb.org)  
[Utah-FBLA-PBL.org](http://Utah-FBLA-PBL.org) | [UtahSkillsUSA.org](http://UtahSkillsUSA.org) | [UtahTSA.org](http://UtahTSA.org)



## Career Cluster: Computer Science & Information Technology

### Career Pathway: Web Development

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Computer Science Investigations	Python 1, Intro		
Creative Coding	Python 2, Intro		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
Business Leadership 1 *	Secondary Math 2	World Civilization	
Math 1050	Secondary Math 3	World Geography	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Computer Science Principles *	Digital Media 1 *	Exploring Computer Science	Web Development 1 *
Database Development *	Entrepreneurship *	Information Technology, Intro *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
HTML 5 Application Development Fundamentals *			
Web Development 2			
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
UX/UI and Quality Assurances			
Web Development Capstone			
CTE Internship	<a href="#">Apprenticeship</a>		
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

### HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are several options for education and training beyond high school, depending on your career goals.

	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Graphic Artist > Web Analyst > Web Technician	> Web Developer	> CTE Teacher > Full Stack Developer > UI/UX Designer

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

"My goal is to go to Utah Valley University and obtain an associate degree in computer technology with the focus on Web design. CTE courses have provided experience in several areas that would not be available without CTE."

Zachary Crocker  
 Springville High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Computer Science & Information Technology

UtahCTE.org: [Fact Sheet](#)

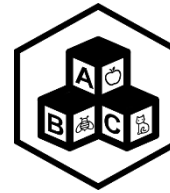
Department of Workforce Services  
[Utah Occupational Explorer](#)

### FBLA | SkillsUSA | TSA

are the Career and Technical Student Organizations (CTSO) for students in the Web Development Career Pathway.

[FBLA-PBL.org](#) | [SkillsUSA.org](#) | [TSAweb.org](#)  
[Utah-FBLA-PBL.org](#) | [UtahSkillsUSA.org](#) | [UtahTSA.org](#)

[Utah FBLA flyer](#) | [SkillsUSA flyer](#) | [Utah TSA flyer](#)



**Career Cluster: Education & Training**

**Career Pathway: Pre-K: Early Childhood Education**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
FCS 6th Grade	
FCS Exploration	
HIGH SCHOOL	
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Business Office Specialist *	Entrepreneurship *
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Child Development	
Early Childhood Education 1 * +	
Food and Nutrition	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
Early Childhood Education 2 *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
Early Childhood Education 3	
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Teacher Assistant	> Education Administrator, Preschool > Preschool Teacher Assistant	> CTE Teacher > Elementary Education Teacher > Special Education Teacher > Social Worker

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

**"The CTE classes I have taken** throughout high school have introduced me to my dream career path. After taking child development my sophomore year, I decided I wanted a career working with children. CTE classes helped me figure out what career I want in the future."

Kayla Clopten  
 Kearns High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Education & Training**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**EdRising | FCCLA**

are the Career and Technical Student Organizations (CTSOs) for students in the Pre-K: Early Childhood Education Career Pathway.

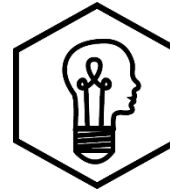
[FCCLAinc.org](https://fcclaainc.org) | [UtahFCCLA.org](https://UtahFCCLA.org)

[Utah FCCLA flyer](#)

[EducatorsRising.org](https://EducatorsRising.org)

[Utah Educators Rising flyer](#)





**Career Cluster: Education & Training**

**Career Pathway: K-12: Teaching as a Profession**

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Digital Literacy			
HIGH SCHOOL			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
Business Communication 2		Psychology	
Business Office Specialist *		Web Development 1 *	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Business Communication 1 *	English 1010	Human Development *	Math 1050
Teaching as a Profession 1 +			
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.			
Teaching as a Profession 2			
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Teaching as a Profession 3 *			
CTE Internship		<a href="#">Apprenticeship</a>	
POSTSECONDARY:			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Teacher Assistant/ Para Professional	> Preschool Teacher	> CTE Teacher > Elementary School Teacher > Kindergarten Teacher > Middle School Teacher > Secondary School Teacher > Special Education Teacher

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“My career goal is to become a high school welding teacher. My plan is to attend Utah Valley University and get a bachelor’s degree in education. CTE classes have changed my life. All of these classes have taught me skills that I can apply in life, some of which I have already applied in the workforce.”

Miguel Lopez  
 Provo High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Education & Training**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

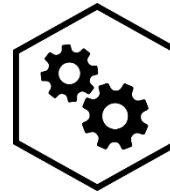
**Educators Rising**

is the Career and Technical Student Organization (CTSO) for students in the K-12: Teaching as a Profession Career Pathway.

[EducatorsRising.org](https://educatorsrising.org)

[Utah Educators Rising flyer](#)





## Career Cluster: Engineering & Technology

### Career Pathway: Engineering

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Exploring Technology		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Chemistry	Physics	Secondary Math 2
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
CAD Architectural Design 1 *	Engineering Principles 1 +	Plastics 1
CAD Mechanical Design 1 *	Engineering Technology	Robotics 1 +
CAM Automated Manufacturing	Machining 1 *	Robotics Technology
Composites 1	Manufacturing Principles 1 +	Welding Technician, Entry Level *
Electronics 1 * +	Metalworking 1	Woods 1
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Aerospace Engineering	Engineering Principles 2 *	Materials Science
Electronics 2 *	Manufacturing Principles 2 *	Robotics 2 *
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Electronics 3 *		
Engineering Capstone		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Machine Operator > Production Technician	> Electro-Mechanical Technicians > Electronics Equipment Assembler	> Automation Engineer > CTE Teacher > Electrical Engineer > Electronics Drafter

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

"I have always liked doing hands-on projects and thinking of different ways to make something better. With the CTE classes I was able to see whole processes, from the design stage on paper to transferring that design and idea into a computer application, then all the way to building a prototype."

Hunter Okerlund  
 Fremont High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Engineering & Technology

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

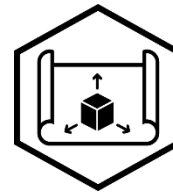
### TSA

is the Career and Technical Student Organization (CTSO) for students in the Engineering Career Pathway.

[TSAweb.org](http://TSAweb.org) | [UtahTSA.org](http://UtahTSA.org)

[Utah TSA flyer](#)






## Career Cluster: Engineering & Technology

### Career Pathway: Mechanical Design (CAD)

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Exploring Technology		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Secondary Math 2		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
CAD Mechanical Design 1 * +	Engineering Technology	Plastics 1
CAM Automated Manufacturing	Machining 1 *	Welding Technician, Entry Level *
Composites 1	Metalworking 1	Woods 1
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.		
CAD Mechanical Design 2 *		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
CAD Mechanical Design 3 *		
CTE Internship		<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
N/A		> Engineering Technician > Mechanical Drafter > Mechanical Engineering Technician	> Aerospace Engineer > CTE Teacher > Civil Engineer > Industrial Designer

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Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

“My training, in CTE courses in high school, prepared me for life after high school by helping me discover my love of drafting. I discovered the need for drafters in the world of engineering. I focused my CTE Pathway toward this career goal and have taken some advanced drafting classes to improve both my knowledge of the field and my employability in the field.”

Calvin Hill  
 Intech Collegiate High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Engineering & Technology

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

### TSA

is the Career and Technical Student Organization (CTSO) for students in the Mechanical Design (CAD) Career Pathway.

[TSAweb.org](https://tsaweb.org) | [UtahTSA.org](https://utahtsa.org)

[Utah TSA flyer](#)





**Career Cluster: Health Science**

**Career Pathway: Health Science**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>		
College and Career Awareness		
Exploring Health Science		
<b>HIGH SCHOOL</b>		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Health Science, Intro	Medical Math	
Human Development *	Medical Technology	
Medical Anatomy and Physiology *	Medical Terminology *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Biotechnology *	Health Science Capstone *	Medical Forensics *
Dental Assistant	IB Sports Exercise & Health Science SL 1	Nurse Assistant (CNA) *
Emergency Medical Response *	IB Sports Exercise & Health Science SL 2	Pharmacy Technician *
Emergency Medical Technician *	Medical Anatomy and Physiology, Advanced	Physical Therapy, Intro
Exercise Science/Sports Medicine *	Medical Assistant	Surgical Technician *
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
IB Sports Exercise & Health Science HL 1	IB Sports Exercise & Health Science HL 2	
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

<b>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</b>			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	<ul style="list-style-type: none"> <li>&gt; Clinical Lab Technician</li> <li>&gt; Certified Nurse Assistant</li> <li>&gt; Emergency Medical Technician</li> <li>&gt; Medical Assistant</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Clinical Lab Technologist</li> <li>&gt; Dental Hygienist</li> <li>&gt; Occupational Therapy Assistant</li> <li>&gt; Registered Nurse (RN)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Athletic Trainer</li> <li>&gt; CTE Teacher</li> <li>&gt; Forensic Science Technician</li> <li>&gt; Microbiologist</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**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  
 Riverton High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Health Science**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**HOSA**

is the Career and Technical Student Organization (CTSO) for students in the Health Science Career Pathway.

[HOSA.org](http://HOSA.org) | [UTHOSA.wordpress.com](http://UTHOSA.wordpress.com)

[Utah HOSA flyer](#)






## Career Cluster: Hospitality & Tourism

### Career Pathway: Culinary Arts

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
FCS 6th Grade		
FCS Exploration		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Entrepreneurship *	Event Planning and Management	Hospitality and Tourism *
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Customer Service *		
Food and Nutrition		
Culinary 1 * +		
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Culinary 2	ProStart® 1 +	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Culinary 3	ProStart® 2	
Baking and Pastry		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		N/A	> Baker/Pastry Chef > Sous Chef > Restaurant Manager

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

### Student Testimonial

"I'm going to further my education after high school and study how to become a pastry chef. One day I plan to open my own bakery. By taking culinary classes in high school, I will take the skills and knowledge of food that have learned to the next level and become the best pastry chef I can be."

Marissa Muhlestein  
 Granger High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Hospitality & Tourism

UtahCTE.org: [Fact Sheet](#)

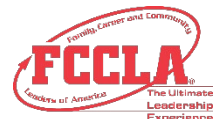
Department of Workforce Services  
[Utah Occupational Explorer](#)

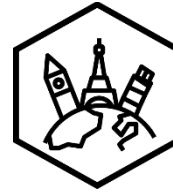
### FCCLA

is the Career and Technical Student Organization (CTSO) for students in the Culinary Arts Career Pathway.

[FCCLAinc.org](http://FCCLAinc.org) | [UtahFCCLA.org](http://UtahFCCLA.org)

[Utah FCCLA flyer](#)






**Career Cluster: Hospitality & Tourism**

**Career Pathway: Hospitality & Tourism**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Digital Literacy	Exploring Business and Marketing	Word Processing
HIGH SCHOOL		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Accounting 1 *	Culinary 1 * +	Entrepreneurship * +
Business Communication 1 *	Customer Service * +	Marketing 1 * +
Business Law	Digital Media 1 *	Web Development 1 *
Business Math and Personal Finance *	Economics *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Event Planning and Management		
Hospitality and Tourism *		
Lodging and Recreation		
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Business and Marketing Capstone		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	N/A	N/A	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Marketing Manager</li> <li>&gt; Meeting, Convention, and Event Planner</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“The CTE courses I took prepared me for my chosen career path. I received knowledge and training in business management and restaurant fundamentals. I would like to open my own restaurant.”

Alexis Kingery  
 Herriman High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Hospitality & Tourism**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

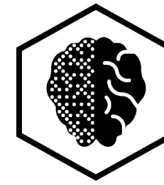
**FBLA**

is the Career and Technical Student Organization (CTSO) for students in the Hospitality & Tourism Career Pathway.

[FBLA-PBL.org](https://fbla-pbl.org) | [Utah-FBLA-PBL.org](https://Utah-FBLA-PBL.org)

[Utah FBLA fiver](#)






**Career Cluster: Human Services**

**Career Pathway: Family & Human Services**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>		
College and Career Awareness		
<b>HIGH SCHOOL</b>		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Medical Terminology *	Psychology	Sociology
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Behavioral Health, Intro +		
Health Science, Intro	Human Development *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Individual and Family Relationships *	Personal and Family Finance *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
<b>The courses listed below are under development. Available SY 2023-2024. NOTE: Course names may change.</b>		
Behavioral Health	Community Health	
Health Career Integration	Social Services	
Mental & Counseling Health		
CTE Internship	<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

<b>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</b>			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		<ul style="list-style-type: none"> <li>&gt; Autism Technician</li> <li>&gt; Community Health Worker</li> <li>&gt; Job Coach</li> <li>&gt; Life Coach</li> <li>&gt; Peer Support Specialist</li> <li>&gt; Registered Behavior Tech.</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Alcohol &amp; Drug Counselor</li> <li>&gt; Community/Social Service</li> <li>&gt; Assistant</li> <li>&gt; Psychiatric Technician</li> <li>&gt; Licensed Vocational Nurse</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"I have come to love the CTE program because it provides me with the opportunity to find both my strengths and my passions. CTE classes are essential to students, like me, who grew up in less populous areas. CTE is the medium through which students display their talent. CTE classes help mold students into who they want to be."

Andrew Grunander  
 Box Elder High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Human Services**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services

[Utah Occupational Explorer](#)

**FCCLA | HOSA**

is the Career and Technical Student Organization (CTSO) for the students in the Family & Human Services Career Pathway.

[FCCLAinc.org](https://fccla.org) | [UtahFCCLA.org](https://UtahFCCLA.org)

[Utah FCCLA flyer](#)

[HOSA.org](https://HOSA.org) | [UTHOSA.wordpress.com](https://UTHOSA.wordpress.com)

[Utah HOSA flyer](#)




**Career Cluster: Human Services**

**Career Pathway: Personal Care Services**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>	
College and Career Awareness	
<b>HIGH SCHOOL</b>	
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Entrepreneurship *	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Accounting 1 *	
Business Management *	
Business Math and Personal Finance *	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.	
Barbering *	Hair Design
Basic Esthetician and Skin Care	Nail Technician/Specialist Manicurist *
Cosmetology *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

<b>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</b>			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Barber > Cosmetologist > Hair Designer > Manicurists and Pedicurists > Skincare Specialist (Esthetician)	> N/A	> CTE Teacher

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"The cosmetology CTE courses I took in high school helped teach me the basic knowledge I need to continue in the field. I learned all the tips and tricks to methods and was taught that there is more than just one way to do task."

Alexas Walker  
 Tooele High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Human Services**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for the students in the Personal Care Services Career Pathway.

[SkillsUSA.org](#) | [UtahSkillsUSA.org](#)  
[SkillsUSA flyer](#)





**Career Cluster: Law, Public Safety, Corrections & Security**

**Career Pathway: Protective Services**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>			
College and Career Awareness			
<b>HIGH SCHOOL</b>			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
Emergency Medical Response *	Commercial Photography 1 *		
Emergency Medical Technician *	Cybersecurity Forensics *		
Medical Forensics *	Principles of Cyber Defense and Ethics		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Behavioral Health, Intro +	Health Science, Intro		
Criminal Justice, Intro *	Information Technology, Intro +		
Exploring Computer Science	Law Enforcement *		
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
Criminal Law *	Careers in Law Enforcement *	Fire Science *	Corrections *
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
CTE Internship	<a href="#">Apprenticeship</a>		
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Firefighter > First-Line Supervisor of Fire Fighting and Prevention Workers	N/A	> CTE Teacher > Criminal Justice and Law Enforcement Teachers, postsecondary

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

**“Firefighting is in my blood.** I love being on the scene with my grandfather and learning from him and my fellow firefighters. The pungent smell of smoke really gets me excited to get my career moving. I have never wanted anything more in my life than to be a firefighter.”

Nate Buchanan  
 Morgan High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Law, Public Safety, Corrections & Security**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for the students in the Protective Services Career Pathway.

[SkillsUSA.org](https://SkillsUSA.org) | [UtahSkillsUSA.org](https://UtahSkillsUSA.org)  
[SkillsUSA flyer](#)





**Career Cluster: Manufacturing**

**Career Pathway: Manufacturing & Production**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Exploring Technology		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school course that supports the Career Pathway (Course DOES NOT count towards the Pathway)		
Secondary Math 2		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Biomanufacturing 1	Composites 1 +	Manufacturing Technology
CAD Mechanical Design 1 *	Manufacturing Principles 1	Plastics 1 +
CAM Automated Manufacturing	Medical Technology	Woods 1 +
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
Biomanufacturing 2	Plastics 2	
Composites 2	Woods 2	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Woods 3		
CTE Internship	<a href="#">Apprenticeship</a>	
POSTSECONDARY:		
There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b> > Production Technician	<b>2-Year Associate Degree</b> N/A	<b>4-Year Bachelor's Degree</b> > CTE Teacher > Manufacturing Engineer

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"I would like a career as a **manufacturing engineer** and go on to pursue my own business in the manufacturing industry. CTE gave me experience for what my career will be like. CTE also [allowed me] to be able to work on the skills that I need to improve on in that specific area."

Garret Maycock  
 Tooele High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Manufacturing**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA | TSA**

is the Career and Technical Student Organization (CTSO) for students in the Manufacturing & Production Career Pathway.

[SkillsUSA.org](#) | [TSAweb.org](#)  
[UtahSkillsUSA.org](#) | [UtahTSA.org](#)  
[SkillsUSA flyer](#) | [Utah TSA flyer](#)





**Career Cluster: Manufacturing**

**Career Pathway: Welding & Machining**

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Exploring Technology	
HIGH SCHOOL	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
Machining 1 *	Sheet Metal
Metal Working 1	Welding Technician, Entry Level *
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.	
Machining 2 *	
Welding Technician, Intermediate Level *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
Non-Destructive Testing *	Welding-Pipe Fitting
Welding-Structural Fitting	Welding Technician, Advanced Level *
CTE Internship	<a href="#">Apprenticeship</a>
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.	
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Tool and Die Maker > Tool Maker > Welder	> Machine Tool Technician > Welding Technician	> CTE Teacher > Machine Tool Engineer > Welding Engineer

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Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“The welding and agricultural classes [I took in high school] gave me the needed skills to be successful in my career and in all aspects of life.”

Erica McPherson  
 Delta High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Manufacturing**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**FFA | SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Welding & Machining Career Pathway.

[FFA.org](#) | [SkillsUSA.org](#)

[UtahFFA.org](#) | [UtahSkillsUSA.org](#)

[Utah FFA flyer](#) | [SkillsUSA flyer](#)





**Career Cluster: Transportation, Distribution & Logistics**

**Career Pathway: Automotive**

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Exploring Technology		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Entrepreneurship *		
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Automotive, Introduction * +	Collision Non-Structural Repair * +	Small Engine Repair
Basic Automotive Collision Repair	Electronics 1 *	Transportation Technology
Bicycle Repair Training	Machining 1 *	Welding Technician, Entry Level *
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
ASE Chassis MLR *	Collision Structural Repair	
ASE Engine MLR *	Electric Vehicle	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
ASE Diesel Brakes *	ASE Engine Performance *	Collision Refinishing and Painting *
ASE Electrical/Electronics *	ASE Steering and Suspension *	Professional Driver
CTE Internship	<a href="#">Apprenticeship</a>	
POSTSECONDARY:		
There are many options for education and training beyond high school.		
Utah System of Higher Education: <a href="https://www.ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	<ul style="list-style-type: none"> <li>&gt; Automotive Service Technician</li> <li>&gt; Tire Technician</li> <li>&gt; Quick Lube Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Fleet Administrator</li> <li>&gt; Master Technician</li> <li>&gt; Restoration Specialist</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; OEM Trainer</li> <li>&gt; Technical Researcher and Developer</li> <li>&gt; Technical Salesperson</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

“My overall goal of taking CTE courses was to become an automotive technician. I found my passion during my sophomore year and ever since then I’ve been staying on track with the automotive industry. I took collision and refinishing, and I love it. I found my passion in life and intend to make a full career out of it.”

Tyerell Przybocin  
 Spanish Fork High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Transportation, Distribution & Logistics**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Automotive Career Pathway.

[SkillsUSA.org](https://www.skillsusa.org) | [UtahSkillsUSA.org](https://www.utahskillsusa.org)  
[SkillsUSA flyer](#)





**Career Cluster: Transportation, Distribution & Logistics**

**Career Pathway: Aviation**

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Exploring Technology			
HIGH SCHOOL			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Math 1050	Math 1060	Meteorology
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Aviation History *	Aviation Maintenance 1	Machining 1 *	
Aviation 1	Electronics 1 *	Unmanned Aerial Systems	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
Aviation 2		Aviation Maintenance 2	
<b>Pilot Courses—Unmanned Aerial Systems (UAS):</b> Strands and Standards available SY 2023-2024			
UAS Lab: Intermediate Flight	UAS Lab: Design, Build, and Maintain	UAS Lab: Exploration of Industry Applications	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Air Transportation *	Aviation Weather	Private Pilot	
Aircraft Systems *	Flight Simulator *		
<b>Pilot Course—Unmanned Aerial Systems (UAS):</b> Strands and Standards available SY 2023-2024			
UAS Capstone			
CTE Internship		<a href="#">Apprenticeship</a>	
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)			UtahMajors.org: <a href="#">Majors Guide</a>

\* concurrent enrollment course + recommended explorer course

**HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING**

There are several options for education and training beyond high school, depending on your career goals.

	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	<ul style="list-style-type: none"> <li>&gt; Aircraft Service Technician</li> <li>&gt; Drone Pilot</li> <li>&gt; Helicopter Maintenance Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Air Traffic Controller</li> <li>&gt; Certified Flight Instructor</li> <li>&gt; Drone Mission Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Aircraft Co-pilot and Pilot</li> <li>&gt; CTE Teacher</li> <li>&gt; Drone Design Engineer</li> <li>&gt; Drone GIS Engineer</li> <li>&gt; Flight Engineer</li> </ul>

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"I plan to become a certified flight instructor and use that [credential] in order to build up my hours until I can get a job with a local airline. I learned everything I know about planes from Private Pilot Ground School [through CTE].

Braden Ottley  
 Olympus High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Transportation, Distribution & Logistics**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Aviation Career Pathway.

[SkillsUSA.org](https://SkillsUSA.org) | [UtahSkillsUSA.org](https://UtahSkillsUSA.org)  
[SkillsUSA flyer](#)





**Career Cluster: Transportation, Distribution & Logistics**

**Career Pathway: Diesel**

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Exploring Technology			
HIGH SCHOOL			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
Entrepreneurship *			
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
Automotive, Introduction * +	Transportation Technology		
Electronics 1 *	Welding Technician, Entry Level *		
Machining 1 *			
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.			
ASE Diesel IMMR			
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
ASE Diesel Brakes	ASE Diesel Electrical Systems	ASE Diesel Engine	ASE Diesel Steering and Suspension
CTE Internship	<a href="#">Apprenticeship</a>		
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Diesel Service Technician > Farm Equipment Mechanic	> Heavy Equipment Maintenance Technician > Heavy Locomotive Technician	> CTE Teacher > Fleet Administrator > Logistics Operation Manager

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. [Credentials of Value](#)

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

**Student Testimonial**

"I completed a CTE Internship at a local garage in my community. Because of the courses I have taken, the safety certifications I have earned, and my internship, Jiffy Lube hired me on the spot. The CTE Pathways program helped me learn to set goals and make wise choices. CTE courses gave me real-life, marketable skills."

Trever Gardner  
 Grantsville High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Transportation, Distribution & Logistics**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Diesel Career Pathway.

[SkillsUSA.org](http://SkillsUSA.org) | [UtahSkillsUSA.org](http://UtahSkillsUSA.org)

[SkillsUSA flyer](#)

