



Career Cluster: Transportation, Distribution & Logistics

Career Pathway: Automotive

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

* 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"> > Automotive Service Technician > Tire Technician > Quick Lube Technician 	<ul style="list-style-type: none"> > Fleet Administrator > Master Technician > Restoration Specialist 	<ul style="list-style-type: none"> > CTE Teacher > OEM Trainer > Technical Researcher and Developer > Technical Salesperson

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 Przybycien
Future Automotive Technician

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

[SkillsUSA flyer](#)



Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



**Broadcasting & Digital Media
CAREER PATHWAY**
Arts, Audio/Visual Technology & Communications
CAREER CLUSTER

Career Cluster: Arts, Audio/Visual Technology & Communications

Career Pathway: Broadcasting & Digital Media

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
HIGH SCHOOL			
SUPPORTING COURSES: 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	
EXPLORER COURSES: Choose one or more of the following courses.			
3D Graphics * +	Computer Science Principles * +	Web Development 1 * +	
AR/VR * +	Digital Media 1 * +		
Computer Programming 1 * +	Graphic Print Design 1 * +		
CONCENTRATOR COURSES: 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		
COMPLETER COURSES: 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		Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.			
Utah System of Higher Education: uthe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide	

* 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"> > Camera Operator > Designer > Graphic Artist > Videographer Editor 	<ul style="list-style-type: none"> > Audio Technician > Audio Video Equipment Tech. > Broadcast Technician > Production Specialist 	<ul style="list-style-type: none"> > CTE Teacher > Audio Engineer > Motion Graphic Artist > Producer

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 want to go into film production, CTE classes helped me by giving me experience in camera work, production software, editing, and setting up different kinds of videos. I learned how to manage project-based work, collaborate with a team, and follow a strict timeline."

Marcus Croston
Future Film Production Technician

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 | UtahSkillsUSA.org

[SkillsUSA flyer](#)



Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



Business Administration
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER

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

* 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"> > Account Representative > Consumer Advocate > Dispute Resolution Analyst 	<ul style="list-style-type: none"> > Budget Analyst > CTE Teacher > Credit Counselor > Financial 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

"Through my CTE classes in high school, I've discovered I really enjoy floriculture and greenhouse management, computer technology, and the customer service industry. Because of these passions, I would like to pursue a career in business administration. The CTE classes I was involved in helped prepare me for success."

Kaylee Marchant
Future Business Owner

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-direct.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](#)



Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



Business Information Management
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER

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			
EXPLORER COURSES: 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 *
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.			
Business Office Specialist *			
Digital Business Applications *			
COMPLETER COURSES: 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		Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.			
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide	

* 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	> Desktop Publisher > Legal Assistant/Paralegal > Web Developer	> CTE Teacher > General and Operations Manager > Marketing 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

"The 14 CTE classes I took in high school played a role in preparing me for life after high school. The Entrepreneurship class taught me many skills on how to run my own business. This was my first business class I took in high school and it helped pave the way for future classes and learning."

Reagan Bassett
Future Business Owner

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-FBIA-PBL.org](#)
[Utah FBIA flyer](#)



Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



Family & Human Services
CAREER PATHWAY
Human Services CAREER CLUSTER

Career Cluster: Human Services

Career Pathway: Family & Human Services

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
HIGH SCHOOL		
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Medical Terminology *	Psychology	Sociology
EXPLORER COURSES: Choose one or more of the following courses.		
Behavioral Health, Intro +		
Health Science, Intro	Human Development *	
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.		
Individual and Family Relationships *	Personal and Family Finance *	
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Behavioral Health, Advanced	Community Health	Social Services
CTE Internship		Apprenticeship
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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"> > Autism Technician > Community Health Worker > Job Coach > Life Coach > Peer Support Specialist > Registered Behavior Tech. 	<ul style="list-style-type: none"> > Alcohol & Drug Counselor > Community/Social Service Assistant > Psychiatric Technician > Licensed Vocational Nurse 	<ul style="list-style-type: none"> > Behavioral Health Specialist > Child Welfare Worker > Specialist > Psychiatric RN > Social Worker > Vocational Rehab. 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

"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
Future Healthcare Professional

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.

[FCCLA.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](#)

Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year




Finance
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER

Career Cluster: Business, Finance & Marketing

Career Pathway: Finance

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Digital Literacy	Exploring Business and Marketing	Word Processing
HIGH SCHOOL		
SUPPORTING COURSE: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
General Financial Literacy		
EXPLORER COURSES: 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 *
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.		
Accounting 2 *	Accounting, Advanced	Investing and Wealth Management
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Business, Finance, and Marketing Capstone		
CTE Internship		Apprenticeship
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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"> > Accountant > Auditor > CTE Teacher > Financial 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

"The CTE courses I have taken have been far from simple, actually difficult and challenging at times. They have taught me that with patience hard work, dedication, perseverance, and a smile anything is possible. I will use the skills I have acquired to make sure I perfect these qualities and become as elite as possible."

Mickell Morgan
Future Accountant

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 Finance Career Pathway.

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



Utah Career and Technical Education Career Pathway Chart 2023-2024 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		
EXPLORER COURSES: Choose one or more of the following courses.		
Food and Nutrition +		
Human Development *		
Medical Anatomy and Physiology *		
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.		
Dietetics and Nutrition 1		
COMPLETER COURSES: 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	Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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.			
COLLEGE 12 or more	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	<ul style="list-style-type: none"> > Food Protections Manager > Food Inspector Assistant > Food Sanitation Coordinator 	<ul style="list-style-type: none"> > Research and Development Technician 	<ul style="list-style-type: none"> > CTE Teacher > Dietitian/Nutritionist > Food 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

"I'm extremely grateful for my CTE classes and teachers. Without these classes I don't think I ever would have given a thought to going into food science and dietetics."

Cambri Schmitt
Future Registered Dietitian

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](https://fccla.org) | [UtahFCCLA.org](https://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		
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Drawing 1	Painting	
Entrepreneurship *	Photography	
EXPLORER COURSES: Choose one or more of the following courses.		
Commercial Art 1 * +	Digital Media 1 * +	Graphic Print Design 1 *
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.		
Commercial Art 2 *	Graphic Print Design 2 *	
Commercial Photography 1 *	Screen Printing Technology *	
COMPLETER COURSES: 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	Graphic Print Design 3
CTE Internship	Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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"> > Camera Operator > Commercial Photographer 	<ul style="list-style-type: none"> > Graphic Artist > UX/UI Designer > Web Designer 	<ul style="list-style-type: none"> > Art Director > CTE Teacher > Commercial Designer > Product Developer > Web/App Developer

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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 graphic design course I took my sophomore year became my ideal career choice. Graphic design helped me develop many skills that improved my communication. I feel more confident entering college since I have taken CTE classes."

Hideki Irei
Future Graphic Designer

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

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

[TSAweb.org](https://tsaweb.org) | [UtahTSA.org](https://utahtsa.org) | [Utah TSA flyer](#)



Career Cluster: Health Science

Career Pathway: Health Science

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Exploring Health Science		
HIGH SCHOOL		
EXPLORER COURSES: Choose one or more of the following courses.		
Health Science, Intro	Medical Math	
Human Development *	Medical Terminology *	
Medical Anatomy and Physiology *		
CONCENTRATOR COURSES: 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 *
COMPLETER COURSES: 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	Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: uthe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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"> > Clinical Lab Technician > Certified Nurse Assistant > Emergency Medical Technician > Medical Assistant 	<ul style="list-style-type: none"> > Clinical Lab Technologist > Dental Hygienist > Occupational Therapy Assistant > Registered Nurse (RN) 	<ul style="list-style-type: none"> > Athletic Trainer > CTE Teacher > Forensic Science Technician > Microbiologist

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 really set me up for success in college and life after high school. Not only did the CTE class Intro to Health Science help me decide on the career I wanted to go into, but it also prepared me for some of the things I might see in the operating room."

Clara Cushing
Future Surgical Technician

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

[Utah HOSA flyer](#)



Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



Interior Design
CAREER PATHWAY
Architecture & Construction
CAREER CLUSTER

Career Cluster: Architecture & Construction

Career Pathway: Interior Design

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
FCS 6th Grade	
FCS Exploration	
HIGH SCHOOL	
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Entrepreneurship *	
EXPLORER COURSES: Choose one or more of the following courses.	
Business Communication 1 *	Interior Design 1 * +
CAD Architectural Design 1 *	Marketing 1 *
Digital Media 1 *	
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.	
Interior Design 2 *	
COMPLETER COURSES: 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	Apprenticeship
POSTSECONDARY: There are many options for education and training beyond high school.	
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)	UtahMajors.org: Majors Guide

* 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

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

"A CTE internship offered me the chance to work outside of the classroom for on-the-job training and opportunities to help me better understand what I want to do after graduation."

Jacob Gurney
Future Interior Designer

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Architecture & Construction

UtahCTE.org: [Fact Sheet](#)

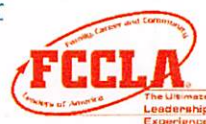
Department of Workforce Services
[Utah Occupational Explorer](#)

FCCLA

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

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

[Utah FCCLA 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		
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Behavior Health, Intro	Psychology	
Business Communication 2	Web Development 1 *	
Business Office Specialist *		
EXPLORER COURSES: Choose one or more of the following courses.		
Business Communication 1 *	Human Development *	Teaching as a Profession 1 +
English 1010	Math 1050	
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.		
Teaching as a Profession 2		
COMPLETER COURSES: 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	Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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
	> 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

"I intend to become certified and start a career as an elementary school teacher in the state of Utah, where I can have a positive impact on children and families. My CTE courses helped to prepare me for college by helping me earn college credit while still in high school."

Raegen Knudsen
Future Elementary Education Teacher

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](#)

[Utah Educators Rising flyer](#)





Career Cluster: Manufacturing


Career Pathway: Manufacturing & Production

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

* 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
	> Production Technician	N/A	> 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](#)

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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
Future Manufacturing Engineer

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: Business, Finance & Marketing

Career Pathway: Marketing

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Digital Literacy	Exploring Business and Marketing	Word Processing
HIGH SCHOOL		
EXPLORER COURSES: 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 * +	
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.		
Digital Marketing *		
Retailing *		
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
Business, Finance, and Marketing Capstone		
CTE Internship	Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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"> > Art Director > CTE Teacher > Editor > Graphic 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

"CTE courses give students many options for different careers, and they are able to try so many different things without having to declare a major or pay thousands of dollars for these types of courses in college."

Emma Greer
Future Marketer

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: Education & Training

Career Pathway: Pre-K: Early Childhood Education

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

* 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
	> 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

"I want to further my education so that one day I can open a preschool of my own and help children learn to love learning. I love helping little kids grow and encouraging their curiosity to sprout. I am grateful for the CTE courses directing me towards my future profession."

Mary Tess Given
Future Preschool Teacher

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

[Utah FCCLA flyer](#)

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

[Utah Educators Rising flyer](#)



Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



Programming & Software Development
CAREER PATHWAY
Computer Science & Information Technology
CAREER CLUSTER

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		
SUPPORTING COURSES: 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	
EXPLORER COURSES: 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
CONCENTRATOR COURSES: 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
COMPLETER COURSES: 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	Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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	> CTE Teacher > Software Engineer > Sys Software Programmer

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

"CTE courses have set the course of my life. I was planning on doing something computer related and taking CTE courses have led me to understand what I am confident about, what I enjoy doing, and what possible careers I could go into."

James Cox
Future IT Developer

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

Utah Career and Technical Education Career Pathway Chart 2023-2024 School Year



Welding & Machining
CAREER PATHWAY
Manufacturing CAREER CLUSTER

Career Cluster: Manufacturing

Career Pathway: Welding & Machining

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Exploring Technology	
HIGH SCHOOL	
EXPLORER COURSES: Choose one or more of the following courses.	
Machining 1 *	Sheet Metal
Metal Working 1	Welding Technician, Entry Level *
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.	
Machining 2 *	
Welding Technician, Intermediate Level *	
COMPLETER COURSES: 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	Apprenticeship
POSTSECONDARY: There are many options for education and training beyond high school.	
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)	
UtahMajors.org: Majors Guide	

* 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.			
COLLEGE 24 or more	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	<ul style="list-style-type: none"> > Tool and Die Maker > Tool Maker > Welder 	<ul style="list-style-type: none"> > Machine Tool Technician > Welding Technician 	<ul style="list-style-type: none"> > CTE Teacher > Machine Tool Engineer > 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

"I found a love for a career in my welding courses. These courses have shown me that I need to study heavily, work with my team, and be prepared for my future. CTE courses not only teach you skills that are highly useful but introduces you to industries that are in high demand for workers."

Marcus Duran
Future Welder

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](#)

