

Construction & Structural Systems CAREER PATHWAY

Architecture & Construction CAREER CLUSTER

Career Cluster: Architecture & Construction

Career Pathway: Construction & Structural Systems

JUNIOR HIGH / MIDDLE SCHOOL

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DONOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: ushe.edu | UtahMajors.org: Utah Majors Guide

Utah System of Technical Colleges: utech.edu

* 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.

e more	1-Year	2-Year	4-Year
	Certificate	Assoc. or Tech. Degree	Bachelor's Degree
COLL	 > Electrical and Electronics Engineering Technician > Pipefitter (Journey Level) > Plumber (Journey Level) 	 > Carpenter > Electrical Drafter 	 > CTE Teacher > Construction Manager > Electrical Engineer

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 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: <u>Fact Sheet</u> UtahFutures.org: Occupation/Wage Search

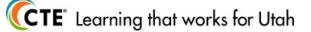
SkillsUSA

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

SkillsUSA.org UtahSkillsUSA.org

SkillsUSA flyer







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

Career Cluster: Arts, Audio/Visual Technology & Communications

Career Pathway: Broadcasting & Digital Media

JUNIOR HIGH / MIDDLE SCHOOL

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: ushe.edu | UtahMajors.org: Utah Majors Guide

Utah System of Technical Colleges: utech.edu

* 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.

or more	1-Year	2-Year	4-Year
	Certificate	Assoc. or Tech. Degree	Bachelor's Degree
	 > Video Editor > Sound Engineering Technician 	 > Audio Video Equipment Technician > Broadcast Technician > Comm. Equipment Mechanic 	 > Announcer > Camera Operator > CTE Teacher

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 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 UtahFutures.org: Occupation/Wage Search

SkillsUSA

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SkillsUSA.org | UtahSkillsUSA.org SkillsUSA flyer



CTE[®] Learning that works for Utah





Business Administration CAREER PATHWAY

Business, Finance & Marketing CAREER CLUSTER

Caroor	Pathway: Br	usiness Administ	ration
Career	ratiway. Di		lation
JUNIOR HIGH / MIDDLE SCHOOL			
HIGH SCHOOL			
EXPLORER COURSES: Choose on	e or more of the following cou	irses.	
CONCENTRATOR COURSES: To I	pe a concentrator you must pa	ass one of the following courses AND one	e explorer course.
COMPLETER COURSES: To be a c	completer you must pass enou	ugh courses to earn 3.0 credits in this Pat	hway.
POSTSECONDARY:			
Utah System of Higher Education: <u>u</u>	<u>she.edu</u> UtahMajors.org: <u>Uta</u>	h Majors Guide	
· · ·			
concurrent enrollment course +	recommended explorer cou		
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concurrent enrollment course + HIGH SCHO There are several option	recommended explorer cou OL TO POSTSECO ns for education and train 1-Year	NDARY EDUCATION AND ing beyond high school, depending 2-Year	g on your career goals. 4-Year
concurrent enrollment course + HIGH SCHO There are several option	recommended explorer cou OL TO POSTSECO ns for education and train	NDARY EDUCATION AND ing beyond high school, depending 2-Year Assoc. or Tech. Degree > Account Representative	g on your career goals. 4-Year Bachelor's Degree > Budget Analyst
There are several option	recommended explorer cou OL TO POSTSECO ns for education and train 1-Year Certificate	NDARY EDUCATION AND ing beyond high school, depending 2-Year Assoc. or Tech. Degree	g on your career goals. 4-Year Bachelor's Degr

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

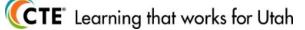
UtahCTE.org: <u>Fact Sheet</u> UtahFutures.org: <u>Occupation/Wage Search</u>

DECA | FBLA | FCCLA

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

DECAdirect.org | UtahDECA.org | Utah DECA flyer FBLA-PBL.org | Utah-FBLA-PBL.org | Utah FBLA flyer FCCLAinc.org | UtahFCCLA.org | Utah FCCLA flyer







Cybersecurity CAREER PATHWAY

Computer Science & Information Technology CAREER CLUSTER

Career Cluster: Computer Science & Information Technology Career Pathway: Cybersecurity JUNIOR HIGH / MIDDLE SCHOOL **HIGH SCHOOL** SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway) EXPLORER COURSES: Choose one or more of the following courses. CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course. COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway. POSTSECONDARY: Utah System of Higher Education: ushe.edu | UtahMajors.org: Utah Majors Guide Utah System of Technical Colleges: utech.edu 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-Year 2-Year 4-Year のた more Assoc. or Tech. Degree Certificate > Computer Network Support > CTE Teacher N/A Specialist > Computer and Information Systems Managers > Computer Programmers

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

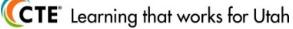
UtahCTE.org: Fact Sheet

UtahFutures.org: Occupation/Wage Search

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





Information Technology Systems CAREER PATHWAY

Computer Science & Information Technology CAREER CLUSTER

Career Cluster: Computer Science & Information Technology

Career Pathway: Information Technology Systems

JUNIOR HIGH / MIDDLE SCHOOL

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: <u>ushe.edu</u> | UtahMajors.org: <u>Utah Majors Guide</u>

Utah System of Technical Colleges: utech.edu

* 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.

or more	1-Year	2-Year	4-Year
	Certificate	Assoc. or Tech. Degree	Bachelor's Degree
	N/A	 Computer Network Support Specialist 	 > CTE Teacher > Computer Network Architect > Computer and Information Systems Manager

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

UtahFutures.org: Occupation/Wage Search

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 flver | SkillsUSA flver | Utah TSA flver

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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

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: <u>ushe.edu</u> | UtahMajors.org: <u>Utah Majors Guide</u>

Utah System of Technical Colleges: <u>utech.edu</u>

* 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.

er more	1-Year	2-Year	4-Year
	Certificate	Assoc. or Tech. Degree	Bachelor's Degree
COL	N/A	> Web Developer	 > CTE Teacher > Computer Programmer > Computer Systems Analyst

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

UtahFutures.org: Occupation/Wage Search

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 FBLA flyer | SkillsUSA flyer | Utah TSA flyer



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	Career Cluster:		
	Career Pathway	: Health Scienc	e
JUNIOR HIGH / MIDDLE SCHO	DOL		
HIGH SCHOOL			
EXPLORER COURSES: Choos	e one or more of the following courses	S.	
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COMPLETER COURSES: To b	e a completer you must pass enough	courses to earn 3.0 credits in this Pat	hway.
	e a completer you must pass enough	courses to earn 3.0 credits in this Pat	hway.
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POSTSECONDARY: Utah System of Higher Educatio Utah System of Technical Colle concurrent enrollment course HIGH SCH There are several op	on: <u>ushe.edu</u> UtahMajors.org: <u>Utah M</u> ges: <u>utech.edu</u> e + recommended explorer course HOOL TO POSTSECONI otions for education and training	Aajors Guide DARY EDUCATION AND beyond high school, depending 2-Year Assoc. or Tech. Degree	TRAINING on your career goals.
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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."

> Taylar Brown Riverton High School

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Health Science

UtahCTE.org: Fact Sheet

UtahFutures.org: Occupation/Wage Search

HOSA

is the Career and Technical Student Organization (CTSO) for students in the Health Science Career Pathway. <u>HOSA.org | UTHOSA.wordpress.com</u> Utah HOSA flyer



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Personal Care Services CAREER PATHWAY Human Services CAREER CLUSTER

	Odreer Oluster.	Human Services	
Care	eer Pathway: Pe	rsonal Care Serv	vices
JUNIOR HIGH / MIDDLE SCHO	DOL		
HIGH SCHOOL			
SUPPORTING COURSES: Sug	ggested high school courses that supp	oort the Career Pathway (Courses DO N	OT count towards the Pathway)
EXPLORER COURSES: Choose	se one or more of the following course	S	
CONCENTRATOR COURSES	: To be a concentrator you must pass	one of the following courses AND one	explorer course.
COMPLETER COURSES: To b	be a completer you must pass enough	courses to earn 3.0 credits in this Path	way.
			way.
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POSTSECONDARY: There are Utah System of Higher Educatio Utah System of Technical Colle * concurrent enrollment cours HIGH SCI	e many options for education and train on: <u>ushe.edu </u> UtahMajors.org: <u>Utah N</u> eges: <u>utech.edu</u> e + recommended explorer course HOOL TO POSTSECONI	ing beyond high school. <u>Majors Guide</u> DARY EDUCATION AND	TRAINING
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POSTSECONDARY: There are Utah System of Higher Educatio Utah System of Technical Colle * concurrent enrollment cours HIGH SCI There are several o	e many options for education and train on: <u>ushe.edu</u> UtahMajors.org: <u>Utah M</u> eges: <u>utech.edu</u> e + recommended explorer course HOOL TO POSTSECONI ptions for education and training <u>1-Year</u> <u>Certificate</u> > Barber > Cosmetologist > Hair Designer	ing beyond high school. <u>Majors Guide</u> DARY EDUCATION AND beyond high school, depending 2-Year	TRAINING on your career goals. 4-Year Bachelor's Degree
POSTSECONDARY: There are Utah System of Higher Educatio Utah System of Technical Colle * concurrent enrollment cours HIGH SCI There are several o	e many options for education and train on: <u>ushe.edu</u> UtahMajors.org: <u>Utah M</u> eges: <u>utech.edu</u> e + recommended explorer course HOOL TO POSTSECONI ptions for education and training <u>1-Year</u> <u>Certificate</u> > Barber > Cosmetologist	ing beyond high school. <u>Majors Guide</u> DARY EDUCATION AND beyond high school, depending 2-Year	TRAINING on your career goals. 4-Year Bachelor's Degree

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

UtahFutures.org: Occupation/Wage Search

SkillsUSA

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

SkillsUSA.org | UtahSkillsUS SkillsUSA flyer



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Protective Services CAREER PATHWAY Law, Public Safety, Corrections & Security CAREER CLUSTER

Career C	luster: Law, Public	Safety, Corrections	& Security
Ca	reer Pathway: I	Protective Servi	ces
JUNIOR HIGH / MIDDLE SCHO	OL		
HIGH SCHOOL			
	gested high school courses that supp	port the Career Pathway (Courses DO	NOT count towards the Pathway)
EXPLORER COURSES: Choos	e one or more of the following course	25.	
	-		
CONCENTRATOR COURSES:	To be a concentrator you must pass	one of the following courses AND one	e explorer course.
COMPLETER COURSES: To b	e a completer you must pass enough	courses to earn 3.0 credits in this Pa	thway.
POSTSECONDARY:	n: <u>ushe.edu</u> UtahMajors.org: <u>Utah I</u>	Majors Guide	
Utah System of Technical Colleg			
* concurrent enrollment course	+ recommended explorer course	9	
HIGH SCH	OOL TO POSTSECON	DARY EDUCATION AND	
		beyond high school, depending	
	1-Year	2-Year	4-Year
e more	Certificate	Assoc. or Tech. Degree	Bachelor's Degree
	 > Firefighter > First-Line Supervisor of Fire 	N/A	 CTE Teacher Criminal Justice and Law
	Fighting and Prevention		Enforcement Teachers,
	Workers		postsecondary

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

UtahFutures.org: Occupation/Wage Search

SkillsUSA

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

SkillsUSA.org | UtahSkillsUSA.org

SkillsUSA flyer



CTE[®] Learning that works for Utah



Welding & Machining CAREER PATHWAY Manufacturing CAREER CLUSTER

	Career Cluste	r: Manufacturing	
Ca	reer Pathway: V	Velding & Machi	ning
JUNIOR HIGH / MIDDLE SCH			-
HIGH SCHOOL			
EXPLORER COURSES: Choo	ose one or more of the following cours	es.	
CONCENTRATOR COURSES	5: To be a concentrator you must pass	s one of the following courses AND one	e explorer course.
COMPLETER COURSES: To	be a completer you must pass enoug	h courses to earn 3.0 credits in this Pa	thway.
POSTSECONDARY:			
	tion: <u>ushe.edu</u> UtahMajors.org: <u>Utah</u>	Majors Guide	
Utah System of Technical Col	·		
	se + recommended explorer cours		
There are several		g beyond high school, dependin	
b or more	1-Year	2-Year	4-Year
and the second s	Certificate >Tool and Die Maker	Assoc. or Tech. Degree > Machine Tool Technician	Bachelor's Degree > CTE Teacher
	>Tool Maker > Welder	> Welding Technician	 Machine Tool Engineer Welding Engineer

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: <u>Fact Sheet</u> UtahFutures.org: <u>Occupation/Wage Search</u>

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



(CTE^{*} Learning that works for Utah



CAREER PATHWAY Transportation, Distribution & Logistics CAREER CLUSTER

Career Cluster: Transportation, Distribution & Logistics Career Pathway: Diesel JUNIOR HIGH / MIDDLE SCHOOL **HIGH SCHOOL** SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway) EXPLORER COURSES: Choose one or more of the following courses. CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course. COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway. **POSTSECONDARY:** Utah System of Higher Education: ushe.edu | UtahMajors.org: Utah Majors Guide Utah System of Technical Colleges: utech.edu 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. 2-Year 4-Year 1-Year Certificate Assoc. or Tech. Degree **Bachelor's Degree** > Automotive Service N/A > CTE Teacher Technician – ASE (Automotive Service Excellence) www.ase.com/ is a national certification for automotive service technicians

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

UtahFutures.org: Occupation/Wage Search

SkillsUSA

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

SkillsUSA.org | UtahSkillsUSA.org

SkillsUSA flyer



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