Utah Career and Technical Education Career Pathway Chart 2024-2025 School Year



Career Cluster: Architecture & Construction

Career Pathway: Architectural & Interior Design

JUNIOR HIGH / MIDDLE SCHOOL						
College and Career Awareness						
Exploring Technology	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 *	Se	econdary Math 2				
EXPLORER COURSES: Choose one or more of the following courses.						
Business Communication 1 *	Construction Trades Foun	dation * Plumbing 1				
CAD Architectural Design 1 * +	Digital Media 1 *	Small Business Math and Startup *				
Carpentry 1 *	Electrician 1 *	Unmanned Aerial Systems				
Construction Technology	Interior Design 1 * +					
CONCENTRATOR COURSES: To be	a concentrator you must pass the fo	ollowing course AND one explorer course.				
CAD Architectural Design 2 * Interior Design 2		erior Design 2 *				
COMPLETER COURSES: To be a con	npleter you must pass a concentrate	or course and enough courses to equal 3.0 credits in this Pathway.				
CAD Architectural Design 3 *	Interior Design 3	Sewing Construction and Textiles 3				
CTE Internship	A	prenticeship				
POSTSECONDARY: There are many	options for education and training b	eyond high school.				
Utah System of Higher Education: <u>ushe.edu</u> (Utah's public colleges and universities) UtahMajors.org: <u>Majors Guide</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.



Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
> Civil Drafter	> Architectural Drafter > Civil Drafter > Photo Stylist	 > Architect > Architectural and Engineering Manager > Civil Engineer > Interior 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.

Advice to Students

"Just do it! You don't look as cool outside of class as you do inside a Career and Technical Education course. Real life experience is priceless. CTSOs provide the opportunity to learn and grow."

Eric Manzanares Future Architect

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Architecture & Construction

UtahCTE.org: Fact Sheet

Department of Workforce Services

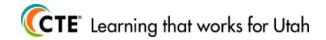
<u>Utah Occupational Explorer</u>

FCCLA | TSA

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

FCCLAinc.org | UtahFCCLA.org Utah FCCLA flyer

TSAweb.org | UtahTSA.org Utah TSA flyer



Utah Career and Technical Education Career Pathway Chart 2024-2025 School Year



Career Cluster: Architecture & Construction

Career Pathway: Construction & Structural Systems

Exploring Technology						
HIGH SCHOOL						
SUPPORTING COURSES: Sug	gested high s	chool courses that supp	ort the Career Pathway	(Courses DO	NOT count towards the Pathway)	
Business Office Specialist *		English 1010		Math 1050		
Customer Service *						
EXPLORER COURSES: Choos	e one or more	of the following courses	S.			
Agricultural Mechanics and Tec	hnology 1	Construction Trades I	oundation * +	Unmanned Aerial Systems		
CAD Architectural Design 1 * +		Entrepreneurship *	Welding		echnician, Entry *	
Construction Management 1 +		Interior Design 1 *	Wood		+	
Construction Technology +		Metalworking 1				
CONCENTRATOR COURSES:	To be a conc	entrator you must pass	one of the following cou	rses AND on	e explorer course.	
Carpentry 1 *	Construct	on Management 2 Electrician 1 *			Plumbing 1	
COMPLETER COURSES: To b	e a completer	you must pass a conce	ntrator course and enou	igh courses t	o equal 3.0 credits in this Pathway	
Carpentry 2 *	Construct	ion Management 3	Electrician 2		Plumbing 2	
CTE Internship			Apprenticeship			

^{*} 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.



Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
> Electrical and Electronics Engineering Technician > Pipefitter (Journey Level) > Plumber (Journey Level)	> Carpenter > Electrical Drafter > General Contractor	> CTE Teacher > Civil Engineer > Construction Manager > Electrical Engineer > Environmental 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.

Advice to Students

"Take as many CTE classes as you can. It is a great way to learn a little bit about a lot of different areas. CTE classes taught me about careers that I did not know about. It is a great way to develop skills that will help you throughout your life. I also met good friends in CTE classes because I was able to be around people with the same interests."

Tyler Bruck Future Construction Manager

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Architecture & Construction

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Department of Workforce Services

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UAFC Pathways

SkillsUSA

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

SkillsUSA.org | UtahSkillsUSA.org | SkillsUSA Utah flyer



