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 *	Seconda	ary Math 2		
EXPLORER COURSES: Choose one or more of the following courses.				
Business Communication 1 *	Construction Trades Foundation	1 * Plumbing 1		
Architectural Design 1 * +	Digital Media 1 *	Small Business Math *		
Carpentry 1 *	Electrician 1 *	Unmanned Aerial Systems		
Construction Technology	Interior Design 1 * +			
CONCENTRATOR COURSES: To be	a concentrator you must pass the following	ng course AND one explorer course.		
Architectural Design 2 *	hitectural Design 2 * Interior Design 2 *			
COMPLETER COURSES: To be a co	mpleter you must pass a concentrator cou	rse and enough courses to equal 3.0 credits in this Pathway.		
Architectural Design 3 *	Interior Design 3	Sewing Construction and Textiles 3		
CTE Internship	Apprent	<u>iceship</u>		
POSTSECONDARY: There are many	options for education and training beyond	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.

or more

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

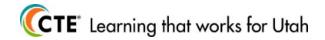
<u>Utah Occupational Explorer</u>

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

JUNIOR HIGH / MIDDLE SCHOO	DL					
College and Career Awareness						
Exploring Technology						
HIGH SCHOOL						
SUPPORTING COURSES: Sugg	ested high so	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 : Choose	one or more	of the following courses	S.			
Agricultural Mechanics and Technology 1		Construction Trades Foundation * +		Unmanned Aerial Systems		
Architectural Design 1 * +		Entrepreneurship *		Welding Technician, Entry *		
Construction Management 1 +		Interior Design 1 *		Woods 1 +		
Construction Technology +		Metalworking 1				
CONCENTRATOR COURSES:	o be a conce	entrator you must pass o	one of the following cour	ses AND one	e explorer course.	
Carpentry 1 *	Constructi	on Management 2 Electrician 1 *			Plumbing 1	
COMPLETER COURSES : To be	a completer	you must pass a concer	ntrator course and enoug	gh courses to	o equal 3.0 credits in this Pathway.	
Carpentry 2 *	Constructi	tion Management 3 Electrician 2			Plumbing 2	
CTE Internship		Apprenticeship				
POSTSECONDARY: There are r	nany options	for education and traini	ng beyond high school.			
Utah System of Higher Education: <u>ushe.edu</u> (Utah's public colleges and universities) UtahMajors.org: <u>Majors Guide</u>				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.



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

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

"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

UtahCTE.org: Fact Sheet

Department of Workforce Services

<u>Utah Occupational Explorer</u>

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



