

Utah Career and Technical Education Career Pathway Chart 2021-2022 School Year



Architectural Design (CAD)
CAREER PATHWAY
Architecture & Construction
CAREER CLUSTER

Career Cluster: Architecture & Construction


Career Pathway: Architectural Design (CAD)

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)	
Secondary Math 2	
EXPLORER COURSES: Choose one or more of the following courses.	
CAD Architectural Design 1* +	
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.	
CAD Architectural Design 2*	
COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.	
CTE Internship	
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 Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	N/A	<ul style="list-style-type: none"> > Architectural Drafter > Civil Drafter 	<ul style="list-style-type: none"> > Architect > Architectural and Engineering Manager > Civil Engineer

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](#)

UtahFutures.org: [Occupation/Wage Search](#)

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](#)

