Alta High School

Utah Career and Technical Education
Career Pathway Chart
2023-2024 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.

COLLEGE 24 or more	1-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	N/A	> Architectural Drafter > Civil Drafter	> 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

CTE® Learning that works for Utah