



**Career Cluster: Architecture & Construction**

**Career Pathway: Architectural Design (CAD)**

JUNIOR HIGH / MIDDLE SCHOOL	
<a href="#">College and Career Awareness</a>	
<a href="#">Exploring Technology</a>	
HIGH SCHOOL	
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Secondary Math 2	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.	
<a href="#">CAD Architectural Design 1</a> * +	<a href="#">Construction Trades Foundation</a> *
<a href="#">Carpentry 1</a> *	<a href="#">Electrician 1</a> *
<a href="#">Construction Technology</a>	<a href="#">Plumbing 1</a>
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass the following course AND one explorer course.	
<a href="#">CAD Architectural Design 2</a> *	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.	
<a href="#">CAD Architectural Design 3</a> *	
CTE Internship	
POSTSECONDARY:	
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)	UtahMajors.org: <a href="#">Majors Guide</a>

\* 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.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	> Civil Drafter	> 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](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

**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](#)

