



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 * +	Construction Trades Foundation *
Carpentry 1 *	Electrician 1 *
Construction Technology	Plumbing 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.	
CAD Architectural Design 3 *	
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 > Civil Drafter	2-Year Assoc. or Tech. Degree > Architectural Drafter > Civil Drafter	4-Year Bachelor's Degree > 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](#)





Career Cluster: Architecture & Construction

Career Pathway: Construction & Structural Systems

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Construction Technology		Exploring Technology	
HIGH SCHOOL			
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Entrepreneurship *	Math 1050	
EXPLORER COURSES: Choose one or more of the following courses.			
Construction Management 1 +		Construction Trades Foundation * +	
Construction Technology +		Woods 1 +	
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.			
Carpentry 1 *	Construction Management 2	Electrician 1 *	Plumbing 1
COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.			
Carpentry 2 *	Construction Management 3	Electrician 2	Plumbing 2
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
	<ul style="list-style-type: none"> > Electrical and Electronics Engineering Technician > Pipefitter (Journey Level) > Plumber (Journey Level) 	<ul style="list-style-type: none"> > Carpenter > Electrical Drafter 	<ul style="list-style-type: none"> > CTE Teacher > Construction Manager > Electrical Engineer

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

Student Testimonial

The CTE classes I have taken have led me to see that I am interested in a career in construction. With the CTE classes I have learned many skills needed to go farther in my career. I have learned that I like framing, shingling, and now I found out I like doing the finish mud on sheet rock. Once I finish my schooling, I will be able to get a job that I will enjoy and that I can improve throughout my life."

Tyler Stettler
 Murray High School

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Architecture & Construction

UtahCTE.org: [Fact Sheet](#)

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

SkillsUSA

is the Career and Technical Student Organization (CTSO) for students in the Broadcasting & Digital Media Career Pathway.

SkillsUSA.org | UtahSkillsUSA.org

[SkillsUSA flyer](#)





Career Cluster: Architecture & Construction

Career Pathway: Interior Design

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
FCS Exploration	
HIGH SCHOOL	
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)	
Entrepreneurship *	
EXPLORER COURSES: Choose one or more of the following courses.	
Business Communication 1 *	Interior Design 1 * +
CAD Architectural Design 1 *	Marketing 1 *
Digital Graphic Arts Intro *	
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.	
Interior Design 2 *	
COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.	
Interior Design 3	
Sewing and Textile Design 3	
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	> Photo Stylist

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

Student Testimonial

“The most influential decision I made during high school was to participate in a CTE Internship. The path towards interior design began with my quick start into the field through my internship. Because my decision was made during high school, I didn't have to waste thousands of dollars in tuition trying to decide on a major.”

Paige Kirschbaum
 American Fork High School

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Architecture & Construction

UtahCTE.org: [Fact Sheet](#)

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

FCCLA

is the Career and Technical Student Organization (CTSO) for students in the Interior Design Career Pathway.

FCCLAinc.org | UtahFCCLA.org
[Utah FCCLA flyer](#)

