Utah Career and Technical Education Career Pathway Chart

2020-2021 School Year



Career Cluster: Architecture & Construction

Career Pathway: Architectural Design (CAD)

JUNIOR HIGH / MIDDLE SCHOOL

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: ushe.edu | UtahMajors.org: Utah Majors Guide

Utah System of Technical Colleges: utech.edu

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	2-Year	4-Year
	Certificate	Assoc. or Tech. Degree	Bachelor's Degree
N/A	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

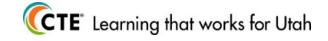
TSA

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

TSAweb.org | UtahTSA.org

Utah TSA flyer





^{*} concurrent enrollment course + recommended explorer course

Utah Career and Technical Education Career Pathway Chart

2020-2021 School Year



Career Cluster: Architecture & Construction

Career Pathway: Construction & Structural Systems

JUNIOR HIGH / MIDDLE SCHOOL

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DONOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: ushe.edu | UtahMajors.org: Utah Majors Guide

> Plumber (Journey Level)

Utah System of Technical Colleges: utech.edu

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	2-Year	
Certificate	Assoc. or Tech. Degree	
> Electrical and Electronics	> Carpenter	> C1
Engineering Technician	> Electrical Drafter	> Cc

> Pipefitter (Journey Level)

Bachelor's Degree TE Teacher Construction Manager > Electrical Engineer

4-Year

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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

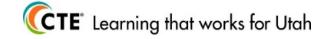
UtahFutures.org: Occupation/Wage Search

SkillsUSA

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

SkillsUSA.org | UtahSkillsUSA.org SkillsUSA flyer





^{*} concurrent enrollment course + recommended explorer course

Utah Career and Technical Education Career Pathway Chart

2020-2021 School Year



Career Cluster: Architecture & Construction

Career Pathway: Interior Design

JUNIOR HIGH / MIDDLE SCHOOL

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)

EXPLORER COURSES: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

POSTSECONDARY:

Utah System of Higher Education: <u>ushe.edu</u> | UtahMajors.org: <u>Utah Majors Guide</u>

Utah System of Technical Colleges: utech.edu

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	2-Year	4-Year
Certificate	Assoc. or Tech. Degree	Bachelor's Degree
N/A	> Photo Stylist	> Architect > CTE Teacher > Interior Designer > Sales Manager

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

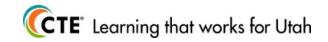
UtahCTE.org: Fact Sheet

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



^{*} concurrent enrollment course + recommended explorer course