Utah Career and Technical Education
Career Pathway Chart
2023-2024 School Year

Web Development
CAREER PATHWAY

Computer Science & Information Technology
CAREER CLUSTER

Career Cluster: Computer Science & Information Technology

Career Pathway: Web Development

JUNIOR HIGH / MIDDLE SCHOOL	
College and Career Awareness	
Computer Science Investigations	Python 1, Intro
Creative Coding	Python 2, Intro

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

Business Leadership 1 *	Secondary Math 2	World Civilization
Math 1050	Secondary Math 3	World Geography

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

Computer Science Principles *	Digital Media 1 *	Exploring Computer Science	Web Development 1 *
Database Development *	Entrepreneurship *	Information Technology, Intro *	

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

	Web Development 2

COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.

UX/UI and Quality Assurances	Web Development Projects *
Web Development, Advanced	
CTE Internship	Apprenticeship

POSTSECONDARY: There are many options for education and training beyond high school.

Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)	UtahMajors.org: Majors Guide

* 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	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Graphic Artist > Web Analyst > Web Technician	> Web Developer	> CTE Teacher > Full Stack Developer > UI/UX Designer

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value. Credentials of Value

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

Student Testimonial

"**My goal is** to go to Utah Valley University and obtain an associate degree in computer technology with the focus on Web design. CTE courses have provided experience in several areas that would not be available without CTE."

Zachary Crocker
Future Web Developer

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Computer Science & Information Technology

UtahCTE.org: Fact Sheet

Department of Workforce Services
Utah Occupational Explorer

FBLA | SkillsUSA | TSA

are the Career and Technical Student Organizations (CTSO) for students in the Web Development Career Pathway.

FBLA-PBL.org | SkillsUSA.org | TSAweb.org
Utah-FBLA-PBL.org | UtahSkillsUSA.org | UtahTSA.org
Utah FBLA flyer | SkillsUSA flyer | Utah TSA flyer