Utah Career and Technical Education
Career Pathway Chart
2024-2025 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	Secondary Math 3

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

Computer Science Principles *	Digital Media 1 *	Information Technology, Intro *	Web Development 1 *
Computer Programming 1 *	Entrepreneurship *	Marketing 1 *	
Database Development *	Exploring Computer Science	Math 1050	

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

UX/UI and Quality Assurances	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.

Web Development, Advanced	Web Development Projects *
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 124 or more	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.

Advice to Students

"Take advantage of every opportunity. Start planning your courses now. Learn from your teachers, parents, leaders, friends, and others around you. It's never too early to learn and plan. Enjoy high school."

Travis Cook
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 Utah flyer | Utah TSA flyer

CTE Learning that works for Utah