

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 Graphic Arts Intro *	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.			
HTML 5 Application Development Fundamentals *			
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 Capstone			
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.

	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
 Springville High School

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](#)