



## Career Cluster: Computer Science & Information Technology

### Career Pathway: Web Development

JUNIOR HIGH / MIDDLE SCHOOL		
<a href="#">College and Career Awareness</a>		
Computer Science Investigations	<a href="#">Creative Coding</a>	
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
<a href="#">Leadership Principles 1</a> *	Secondary Math 2	World Civilization
Math 1050	Secondary Math 3	World Geography
EXPLORER COURSES: Choose one or more of the following courses.		
<a href="#">Computer Science Principles 1</a> *	<a href="#">Digital Graphic Arts Intro</a> *	<a href="#">Exploring Computer Science</a>
<a href="#">Database Development</a> *	<a href="#">Entrepreneurship</a> *	<a href="#">Information Technology, Intro</a> *
<a href="#">Web Development 1</a> *		
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.		
<a href="#">HTML 5 Application Development Fundamentals</a> *		
<a href="#">Web Development 2</a>		
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 (Course under development. Available SY 2022-2023.)		
<a href="#">Web Development Capstone</a>		
CTE Internship		
POSTSECONDARY:		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>

\* 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
	N/A	> Web Developer	> CTE Teacher > Computer and Information Systems Manager > Computer Programmer > Database Administrator

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](http://FBLA-PBL.org) | [SkillsUSA.org](http://SkillsUSA.org) | [TSAweb.org](http://TSAweb.org)

[Utah-FBLA-PBL.org](http://Utah-FBLA-PBL.org) | [UtahSkillsUSA.org](http://UtahSkillsUSA.org) | [UtahTSA.org](http://UtahTSA.org)

[Utah FBLA flyer](#) | [SkillsUSA flyer](#) | [Utah TSA flyer](#)