

# Utah Career and Technical Education Career Pathway Chart 2021-2022 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		
HIGH SCHOOL		
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Math 1050	Secondary Math 3	World Geography
Secondary Math 2	World Civilization	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.		
Computer Science Principles 1*	Entrepreneurship*	Web Development 1*
Digital Graphic Arts Intro*	Exploring Computer Science	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.		
<b>COMPLETER COURSES:</b> To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.		
POSTSECONDARY:		
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a>   UtahMajors.org: <a href="#">Utah Majors Guide</a>		
Utah System of Technical Colleges: <a href="http://utech.edu">utech.edu</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-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	N/A	> Web Developer	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Computer and Information Systems Manager</li> <li>&gt; Computer Programmer</li> <li>&gt; Database Administrator</li> </ul>

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](#)

UtahFutures.org: [Occupation/Wage Search](#)

### 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](#)