# Utah Career and Technical Education
## Career Pathway Chart
### 2025-2026 School Year

**Web Development**
CAREER PATHWAY
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**Digital Technology**
CAREER CLUSTER

## Career Cluster: Digital Technology

# Career Pathway: Web Development

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

| HIGH SCHOOL | | |
|---|---|---|
| **SUPPORTING COURSES:** Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway) | | |
| Secondary Math 2 | Secondary Math 3 | |
| **EXPLORER COURSES**: Choose one or more of the following courses. | | |
| Computer Programming 1 * | Entrepreneurship * | Math 1050 |
| Computer Science Principles * | Exploring Computer Science | Web Development 1 * |
| Computer Science Principles (AP) * | Information Technology, Intro * | |
| Digital Media 1 * | Marketing 1 * | |
| **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 1 2 4 or more | Certificate | 2-Year Associate Degree | 4-Year Bachelor's Degree |
|---|---|---|---|
| | > Graphic Artist<br>> Web Analyst<br>> Web Technician | > Web Developer | > CTE Teacher<br>> Full Stack Developer<br>> 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

### Digital Technology

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