



Career Cluster: Computer Science & Information Technology

Career Pathway: Programming & Software Development

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| JUNIOR HIGH / MIDDLE SCHOOL |
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| HIGH SCHOOL |
| SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway) |
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| EXPLORER COURSES: Choose one or more of the following courses. |
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| CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course. |
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| COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway. |
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| POSTSECONDARY: |
| Utah System of Higher Education: ushe.edu UtahMajors.org: Utah Majors Guide |
| Utah System of Technical Colleges: utech.edu |

* 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 | > CTE Teacher > Computer Programmer > Computer Systems Analyst |

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 become a video game designer or programmer. The classes I took in high school taught me how to use the programs that I would be pursuing in my career field and have given me a taste of what programming and design are like.”

Jenny Whitecar
 Syracuse 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 Programming & Software 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](#)