

# Computer Science & Information Technology



Computer Science &  
Information Technology  
Utah Career and Technical Education  
CAREER CLUSTERS

**Information Technology** focuses on preparing students for employment in careers related to building linkages in IT occupations for entry level, technical and professional careers that relate to the design, development, support and management of hardware, software, multimedia and systems integration services.



## CAREER PATHWAYS

- > Cybersecurity
- > Information Technology Systems
- > Programming & Software Development
- > Web Development

Each CTE Career Pathway culminates in an industry recognized credential of value.

## FACTS

- > IT occupations account for \$6.9 billion (14.3 percent) of Utah's total payroll.<sup>1</sup>
- > Tech occupations are high, skill, high wage, and are in high demand, especially in Utah.
- > In Utah, there are approximately 7,000 tech-focused companies.<sup>1</sup>
- > Utah has deep consumer software roots. Ancestry.com, Overstock.com, Backcountry.com, and Vivint.com all started in the Beehive State.
- > With more than 1 billion websites and 3.9 billion Internet users worldwide, the demand for individuals skilled in digital media is high.
- > "The talent pool of computer engineers, digital artists and animators in Utah is astounding," said WildWorks CEO Clark Stacey.

<sup>1</sup> Utah Technology Council

*"I've learned how computers talk to each other while receiving the IC3 and A+ certifications."*

**Participation in and completion of a CTE Career Pathway** will provide you with the academic knowledge and technical skills to successfully compete in a global economy. Learn about Career and Technical Education and the **Information Technology Career Cluster** at [UtahCTE.org](https://UtahCTE.org).