

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

- > Tech occupations are high-skill, high-wage, and in-demand, especially in Utah.
- > In Utah, there are 8,200 tech-focused companies.¹
- > Utah's tech sector supports as many as one in seven Utah jobs and as much as one-sixth of worker earnings in the entire state.²
- > IT occupations account for \$6.9 billion (14.3 percent) of Utah's total payroll.¹
- > Utah has deep consumer software roots. Ancestry.com, Overstock.com, Backcountry.com, and Vivint.com all started in the Beehive State.
- > With more than 1.8 billion websites and 5.1 billion Internet users worldwide, the demand for individuals skilled in digital media is high.³

¹ Utah Technology Council

² University of Utah's Kem C. Gardner Policy Institute

³ [websitehostingrating.com/internet-statistics-facts/](https://www.websitehostingrating.com/internet-statistics-facts/)

“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.