

Digital Technology



Digital Technology
Utah Career and Technical Education
CAREER CLUSTER

The **Digital Technology** Career Cluster focuses on developing digital systems for communication and data storage using critical technologies such as artificial intelligence, data analytics, and cybersecurity. Students will prepare for careers to navigate and lead in the constantly evolving tech landscape driving innovation across all industries.



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.
- > Utah's tech sector is the fastest growing industry in the state.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.¹
- > Last year, tech companies in Utah provided more than 118,000 jobs with an average wage of \$106,000.¹
- > Utah has deep consumer software roots. Ancestry.com, Overstock.com, Backcountry.com, and Vivint.com all started in the Beehive State.
- > With more than 1.13 billion websites and 5.4 billion Internet users worldwide, the demand for individuals skilled in digital media is high.²

¹ Kem C. Gardner Policy Institute, The University of Utah

² 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 **Digital Technology Career Cluster** at UtahCTE.org.