Utah Career and Technical Education
Career Pathway Chart
2020-2021 School Year

Cybersecurity
CAREER PATHWAY
Computer Science & Information Technology
CAREER CLUSTER

Career Cluster: Computer Science & Information Technology

Career Pathway: Cybersecurity

JUNIOR HIGH / MIDDLE SCHOOL
College and Career Awareness
Creative Coding

HIGH SCHOOL

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)

Current Issues	Math 1050	Secondary Math 2
Law Enforcement *	Photography	Secondary Math 3

EXPLORER COURSES: Choose one or more of the following courses.

Computer Programming 1 *	Exploring Computer Science
Computer Science Principles 1 *	Information Technology, Intro *
Database Development *	Web Development 1 *

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.

Cybersecurity Ethical Hacking *	Linux Fundamentals *

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

Cloud Computing *	Cybersecurity Forensics *
CTE Internship	

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.

COLLEGE 24 or more	1-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	N/A	> Computer Network Support Specialist	> CTE Teacher > Computer and Information Systems Managers > Computer Programmers

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

Student Testimonial

"Getting a degree will help me to pursue my goal of working as a computer programmer at a large company. CTE classes prepared me by showing me what I would actually be doing in the different job fields and how I would apply the information that I learned in class."

Aaron Montoya
Jordan 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 Cybersecurity 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

CTE Learning that works for Utah