Utah Career and Technical Education Career Pathway Chart 2025-2026 School Year



Career Cluster: Digital Technology

Career Pathway: Cybersecurity

Computer Science Investigations			Python 1, Intro			
Creative Coding			Python 2, Intro			
HIGH SCHOOL			· j			
SUPPORTING COURSES: Sug	aested high scho	ool courses that sur	poort the Career Path	way (Courses DO	NOT count towards the Pathway)	
Law Enforcement *		Secondary Math 2		Secondary Math 3		
EXPLORER COURSES: Choose		•	ses.			
Computer Programming 1 *		Data Analytics		Linux Fun	Linux Fundamentals *	
Computer Science Principles *		Data Science		Math 1050	Math 1050	
Computer Science Principles (AP) *		Exploring Computer Science		Network F	Network Fundamentals *	
Cybersecurity Kickstart: Networking (AP)		Information Technology, Intro *		Web Deve	Web Development 1 *	
CONCENTRATOR COURSES:	To be a concent	trator you must pas	s one of the following	courses AND on	e explorer course.	
Cybersecurity Kickstart: Fundamentals (AP)		Principles of Cyber De		er Defense and E	fense and Ethics *	
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<u>, , , , , , , , , , , , , , , , , , , </u>	e a completer yo	ou must pass a cono	· · ·	enough courses t	o equal 3.0 credits in this Pathwa	
COMPLETER COURSES: To be	e a completer yo	ou must pass a cond	· · ·	enough courses t	o equal 3.0 credits in this Pathwa	
COMPLETER COURSES: To be Cyber Forensics *		•	Apprenticeship		o equal 3.0 credits in this Pathwa	
COMPLETER COURSES: To be Cyber Forensics * CTE Internship POSTSECONDARY: There are	many options fo	or education and tra	Apprenticeship	ool.	o equal 3.0 credits in this Pathwa	
COMPLETER COURSES: To be Cyber Forensics * CTE Internship POSTSECONDARY: There are Utah System of Higher Educatio	many options fo n: <u>ushe.edu</u> (Uta	or education and tra	Apprenticeship ining beyond high sch and universities)	ool.		
COMPLETER COURSES: To be Cyber Forensics * CTE Internship POSTSECONDARY: There are Utah System of Higher Educatio concurrent enrollment course	many options fo n: <u>ushe.edu</u> (Uta + recommend	or education and tra ah's public colleges ded explorer cours	Apprenticeship ining beyond high sch and universities)	ool.	rs.org: <u>Majors Guide</u>	
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COMPLETER COURSES: To be Cyber Forensics * CTE Internship POSTSECONDARY: There are Utah System of Higher Educatio concurrent enrollment course HIGH SCH There are several op	many options fo n: <u>ushe.edu</u> (Uta + recommend IOOL TO F otions for educ Ce > Computer	or education and tra ah's public colleges ded explorer cours POSTSECON cation and trainin rtificate Technician urity Operations	Apprenticeship ining beyond high sch and universities) se IDARY EDUCA Ig beyond high sch 2-Ye Associate > Computer Netw	ool. UtahMajor ATION ANI nool, dependin ear Degree ork Support echnical Writer ct	s.org: <u>Majors Guide</u> D TRAINING g on your career goals. 4-Year Bachelor's Degree > CTE Teacher	

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

Advice to Students

"Take a wide variety of CTE classes because high school is your time to explore your interests. Taking these classes will help guide you on your future career. Put forth the effort and time it takes to get the certifications because they can be a valuable asset, and it is cheaper and easier to earn them now."

> Alea Maxwell Future Cybersecurity Specialist

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Digital Technology

Department of Workforce Services Utah Occupational Explorer

FBLA | SkillsUSA | TSA

are the Career and Technical Student Organizations (CTSO) for students in Cybersecurity Career Pathway. FBLA-PBL.org | SkillsUSA.org | TSAweb.org Utah-FBLA-PBL.org | UtahSkillsUSA.org | UtahTSA.org Utah FBLA flyer | SkillsUSA Utah flyer | Utah TSA flyer



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