## 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	Python 1 Intro			
Creative Coding			Python 2, Intro				
HIGH SCHOOL			<b>,</b>				
SUPPORTING COURSES: Sug	ggested high schoo	ol courses that su	oport the Career Path	way (Courses DO	NOT count towards the Pathway)		
Law Enforcement * Secondary Math 2		Secondary Math 3					
EXPLORER COURSES: Choose	se one or more of t	the following cours	ses.	·			
Computer Programming 1 *	D	Data Analytics		Linux Fun	Linux Fundamentals *		
Computer Science Principles *	D	ata Science		Math 105	0		
Computer Science Principles (A	AP)* E	xploring Compute	r Science	Network F	<sup>-</sup> undamentals *		
Cybersecurity Kickstart: Networ	rking (AP) In	nformation Techno	logy, Intro *	Web Deve	elopment 1 *		
CONCENTRATOR COURSES	: To be a concentra	ator you must pas	s one of the following	courses AND on	e explorer course.		
Cybersecurity Kickstart: Fundar	mentals (AP)		Principles of Cyb	Principles of Cyber Defense and Ethics *			
COMPLETER COURSES: To b	ne a completer vou		antrator course and	anough courses t	a aqual 2.0 aradita in this Dathura		
COMPLETER COURSES. TO L	ie a completer you	i musi pass a cono	centrator course and e	enough courses t	o equal 5.0 credits in this Pathwa		
Cyber Forensics *		i must pass a cond	centrator course and e	enough courses t	o equal 5.0 credits in this Pathwa		
		i must pass a cond	Apprenticeship	enough courses t	o equal 3.0 credits in this Pathwa		
Cyber Forensics * CTE Internship			Apprenticeship		o equal 3.0 credits in this Pathwa		
Cyber Forensics * CTE Internship POSTSECONDARY: There are	e many options for	education and tra	Apprenticeship ining beyond high sch	1001.	·		
Cyber Forensics * CTE Internship <b>POSTSECONDARY:</b> There are Utah System of Higher Education	e many options for on: <u>ushe.edu</u> (Utal	education and tra	Apprenticeship ining beyond high sch and universities)	1001.	rs.org: <u>Majors Guide</u>		
Cyber Forensics * CTE Internship <b>POSTSECONDARY: There are</b> Utah System of Higher Education <b>concurrent enrollment cours</b>	e many options for on: <u>ushe.edu</u> (Utal e <b>+ recommend</b> e	education and tra h's public colleges ed explorer cours	Apprenticeship ining beyond high sch and universities) se	iool. UtahMajoi	rs.org: <u>Majors Guide</u>		
Cyber Forensics * CTE Internship <b>POSTSECONDARY:</b> There are Utah System of Higher Education f concurrent enrollment cours	e many options for on: <u>ushe.edu</u> (Utal e <b>+ recommend</b> e	education and tra h's public colleges ed explorer cours	Apprenticeship ining beyond high sch and universities)	iool. UtahMajoi	rs.org: <u>Majors Guide</u>		
Cyber Forensics * CTE Internship POSTSECONDARY: There are Utah System of Higher Education concurrent enrollment cours HIGH SCI	e many options for on: <u>ushe.edu</u> (Utah e + recommende HOOL TO P	education and tra h's public colleges ed explorer cours	Apprenticeship ining beyond high sch and universities) se IDARY EDUC	nool. UtahMajon ATION ANI	rs.org: <u>Majors Guide</u>		
Cyber Forensics * CTE Internship POSTSECONDARY: There are Utah System of Higher Education f concurrent enrollment cours HIGH SCI There are several o	e many options for on: <u>ushe.edu</u> (Utah e + recommende HOOL TO P	education and tra h's public colleges ed explorer cours	Apprenticeship ining beyond high sch and universities) se IDARY EDUC ng beyond high sch	ool. UtahMajor ATION ANI	rs.org: <u>Majors Guide</u> D TRAINING Ig on your career goals.		
Cyber Forensics * CTE Internship POSTSECONDARY: There are Utah System of Higher Education concurrent enrollment cours HIGH SCI	e many options for on: <u>ushe.edu</u> (Utah e + recommende HOOL TO P ptions for educa	education and tra h's public colleges ed explorer cours	Apprenticeship ining beyond high sch and universities) se IDARY EDUC	nool. UtahMajor ATION ANI nool, dependin ear	rs.org: <u>Majors Guide</u>		

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 <u>Utah Occupational Explorer</u>

## 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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Published January 2025



Information Technology Systems

**Digital Technology** CAREER CLUSTER

## **Career Cluster: Digital Technology**

# Career Pathway: Information Technology Systems

JUNIOR HIGH / MIDDLE SCHOOL						
College and Career Awareness						
Computer Science Investigations	Python 1, Intro	Python 1, Intro Robotics Technology				
Creative Coding	Python 2, Intro					
HIGH SCHOOL						
SUPPORTING COURSES: Suggested	high school courses that support the Car	eer Pathway (0	Courses DO NOT count towards the Pathway)			
Secondary Math 2	Secondar	y Math 3				
EXPLORER COURSES: Choose one o	more of the following courses.					
3D Print Technology	Data Science		Network Fundamentals *			
Computer Programming 1 *	Exploring Computer Science		Robotics 1			
Computer Science Principles *	Information Technology, Intro *		Unmanned Aerial Systems			
Computer Science Principles (AP) *	Linux Fundamentals *		Web Development 1 *			
Data Analytics	Math 1050					
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.						
Computer Systems 1 Cloud Computing 1						
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.						
Computer Systems 2 Cloud Computing						
CTE Internship						
POSTSECONDARY: There are many options for education and training beyond high school.						
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities) UtahMajors.org: Majors Guide						

\* 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.

er more	Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	<ul> <li>&gt; Computer Service Technician</li> <li>&gt; Data Center Technician</li> <li>&gt; Service Desk Analyst</li> </ul>	<ul> <li>Computer Network Technician</li> <li>Computer Systems Manager</li> <li>Database Administrator</li> <li>IT Coordinator</li> </ul>	<ul> <li>&gt; CTE Teacher</li> <li>&gt; Computer and Information Systems Manager</li> <li>&gt; Computer Network Architect</li> <li>&gt; Network Engineer</li> </ul>

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value. Credentials of Value

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

## Advice to Students

"I am grateful to all of my CTE teachers who have passions for the different types of classes they teach. My father has always told me, and my siblings, that the CTE courses offered in high school are a once in a lifetime opportunity."

**Taevin Hunter** Future IT 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 Information Technology Systems 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





Programming & Software Development CAREER PATHWAY

Digital Technology

## **Career Cluster: Digital Technology**

# Career Pathway: Programming & Software Development

HIGH SCHOOL         SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)         Entrepreneurship       Physics       Secondary Math 2       Secondary Math 3         EXPLORER COURSES: Choose one or more of the following courses.       Sobotics 1       Athena         3D Print Technology       Computer Science Principles (AP)*       Exploring Computer Science       Robotics 1         AR/VR*+       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         Alugmented Reality and Virtual Reality)       Data Science       Math 1050       Web Development 1         Computer Science Principles*       Engineering Principles 1       Mobile Development Fundamentals       Web Development 2         Computer Programming 2*       Computer Science SL 1 (IB)       Database Development *       Computer Science A(AP)       Computer Science SL 2 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway       Algorithms and Data Structures*       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Advanced*       Computer Science SL 2 (IB)       Game Development Fundamentals 2       Computer Science SL 2 (IB)       Computer Science SL 2 (IB)       Camputer Fundamentals 2       Computer Science SL 2 (IB)	Computer Science Investigations	puter Science Investigations Digital Literacy		Python 2, Ir		itro
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)         Entrepreneurship       Physics       Secondary Math 2       Secondary Math 3         EXPLORER COURSES: Choose one or more of the following courses.       Source       Robotics 1         3D Print Technology       Computer Science Principles (AP)*       Exploring Computer Science       Robotics 1         AR/VR*+       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         Computer Programming 1*       Data Science       Math 1050       Web Development 1         Computer Science Principles *       Engineering Principles 1       Mobile Development Fundamentals       Web Development 2         Computer Programming 2*       Computer Science HL 1 (IB)       Database Development *       Computer Science AL 1 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway       Algorithms and Data Structures *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Engineering Capstone       Engineering Capstone       Engineering Capstone         CTE Internship       Apprenticeship       Apprenticeship       Apprenticeship       Apprenticeship         PO	Creative Coding				Robotics Te	echnology
Entrepreneurship       Physics       Secondary Math 2       Secondary Math 3         EXPLORER COURSES: Choose one or more of the following courses.       3D Print Technology       Computer Science Principles (AP) *       Exploring Computer Science       Robotics 1         3D Print Technology       Computer Science Principles (AP) *       Exploring Computer Science       Robotics 1         AR/VR * +       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         Computer Programming 1 *       Data Science       Math 1050       Web Development 1         Computer Science Principles *       Engineering Principles 1       Mobile Development Fundamentals       Concentrator you must pass one of the following courses AND one explorer course.         Computer Science A (AP)       Computer Science HL 1 (IB)       Database Development *       Computer Science AIL 1 (IB)       Game Development Fundamentals 1         Computer Science A (AP)       Computer Science HL 2 (IB)       Game Development Fundamentals 2       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Engineering Capstone       Engineering Capstone         Computer Programming Capstone       Engineering Capstone       Engineering Capstone       Engineering Capstone         Computer Programming Capstone       Engineering Capstone       Engineering Caps	HIGH SCHOOL					
EXPLORER COURSES: Choose one or more of the following courses.         3D Print Technology       Computer Science Principles (AP) *       Exploring Computer Science       Robotics 1         AR/VR * +       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         (Augmented Reality and Virtual Reality)       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         Computer Programming 1 *       Data Science       Math 1050       Web Development 1         Computer Science Principles *       Engineering Principles 1       Mobile Development Fundamentals       Concentrator you must pass one of the following courses AND one explorer course.         Computer Programming 2 *       Computer Science HL 1 (IB)       Database Development *       Computer Science A (AP)         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway         Algorithms and Data Structures *       Computer Science HL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Engineering Capstone         CTE Internship       Apprenticeship       Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.       UtahMajors.org: Majors Guide	SUPPORTING COURSES: Sugge	ested high so	chool courses that suppo	rt the Career Pathw	ay (Courses DO N	NOT count towards the Pathway)
3D Print Technology       Computer Science Principles (AP)*       Exploring Computer Science       Robotics 1         AR/VR *+ (Augmented Reality and Virtual Reality)       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         Computer Programming 1*       Data Science       Math 1050       Web Development 1         Computer Science Principles *       Engineering Principles 1       Mobile Development Fundamentals       Web Development 1         Computer Programming 2*       Computer Science HL 1 (IB)       Database Development *       Computer Science A(AP)       Computer Science SL 1 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway       Algorithms and Data Structures *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Game Development Fundamentals 2       Computer Science SL 2 (IB)         Computer Programming Capstone       Engineering Capstone       Engineering Capstone       Engineering Capstone         CTE Internship       Apprenticeship       Apprenticeship       Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.       UtahMajors.org: Majors Guide	Entrepreneurship Physics		Secondary Math 2			Secondary Math 3
AR/VR * + (Augmented Reality and Virtual Reality)       Data Analytics       Information Technology, Intro       Unmanned Aerial Systems         Computer Programming 1 *       Data Science       Math 1050       Web Development 1         Computer Science Principles *       Engineering Principles 1       Mobile Development Fundamentals       Web Development 1         Computer Programming 2 *       Computer Science HL 1 (IB)       Database Development *       Database Development *         Computer Science A (AP)       Computer Science SL 1 (IB)       Game Development Fundamentals 1       Computer Science A (AP)         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway       Algorithms and Data Structures *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Engineering Capstone       POSTSECONDARY: There are many options for education and training beyond high school.         Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)       UtahMajors.org: Majors Guide	EXPLORER COURSES: Choose	one or more	of the following courses			
(Augmented Reality and Virtual Reality)       2       0 <td>3D Print Technology</td> <td>Computer S</td> <td>Science Principles (AP) *</td> <td>Exploring Compute</td> <td>er Science</td> <td>Robotics 1</td>	3D Print Technology	Computer S	Science Principles (AP) *	Exploring Compute	er Science	Robotics 1
Computer Science Principles *       Engineering Principles 1       Mobile Development Fundamentals         CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.         Computer Programming 2 *       Computer Science HL 1 (IB)       Database Development *         Computer Science A (AP)       Computer Science SL 1 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway         Algorithms and Data Structures *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         CTE Internship       Apprenticeship       POSTSECONDARY: There are many options for education and training beyond high school.         Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)       UtahMajors.org: Majors Guide	AR/VR * + (Augmented Reality and Virtual Reality)	Data Analy	tics	Information Technology, Intro		Unmanned Aerial Systems
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.         Computer Programming 2 *       Computer Science HL 1 (IB)       Database Development *         Computer Science A (AP)       Computer Science SL 1 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway         Algorithms and Data Structures *       Computer Science HL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Engineering Capstone         CTE Internship       Apprenticeship       POSTSECONDARY: There are many options for education and training beyond high school.         Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)       UtahMajors.org: Majors Guide	Computer Programming 1 *	Data Scien	се	Math 1050		Web Development 1
Computer Programming 2 *       Computer Science HL 1 (IB)       Database Development *         Computer Science A (AP)       Computer Science SL 1 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway         Algorithms and Data Structures *       Computer Science HL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Engineering Capstone         CTE Internship       Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.       Utah Majors.org: Majors Guide	Computer Science Principles *	Engineerin	g Principles 1	Mobile Developme	ent Fundamentals	
Computer Science A (AP)       Computer Science SL 1 (IB)       Game Development Fundamentals 1         COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway         Algorithms and Data Structures *       Computer Science HL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Computer Science SL 2 (IB)         CTE Internship       Apprenticeship       POSTSECONDARY: There are many options for education and training beyond high school.         Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)       UtahMajors.org: Majors Guide	CONCENTRATOR COURSES: T	o be a conce	entrator you must pass o	ne of the following c	ourses AND one	explorer course.
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway         Algorithms and Data Structures *       Computer Science HL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Computer Programming Capstone         Computer Programming Capstone       Engineering Capstone       Computer Science SL 2 (IB)         CTE Internship       Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.       UtahMajors.org: Majors Guide	Computer Programming 2 *		Computer Science HL 1	(IB)	Database Devel	opment *
Algorithms and Data Structures *       Computer Science HL 2 (IB)       Game Development Fundamentals 2         Computer Programming, Advanced *       Computer Science SL 2 (IB)       Game Development Fundamentals 2         Computer Programming Capstone       Engineering Capstone       Game Development Fundamentals 2         CTE Internship       Apprenticeship       POSTSECONDARY: There are many options for education and training beyond high school.         Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)       UtahMajors.org: Majors Guide			(IB) Game Developm		nent Fundamentals 1	
Computer Programming, Advanced *       Computer Science SL 2 (IB)         Computer Programming Capstone       Engineering Capstone         CTE Internship       Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.       Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)         Utah Majors.org: Majors Guide	COMPLETER COURSES: To be	a completer	you must pass a concen	trator course and er	ough courses to	equal 3.0 credits in this Pathway
Computer Programming Capstone       Engineering Capstone         CTE Internship       Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.       Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)         Utah Majors.org: Majors Guide	Algorithms and Data Structures * Computer Science HL 2 (		(IB) Game Deve		elopment Fundamentals 2	
Apprenticeship         POSTSECONDARY: There are many options for education and training beyond high school.         Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)       UtahMajors.org: Majors Guide		*				
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.         Utah System of Higher Education: <u>ushe.edu</u> (Utah's public colleges and universities)       UtahMajors.org: <u>Majors Guide</u>	Computer Programming Capstone		Engineering Capstone			
Utah System of Higher Education: <u>ushe.edu</u> (Utah's public colleges and universities) UtahMajors.org: <u>Majors Guide</u>	CTE Internship			Apprenticeship		
	POSTSECONDARY: There are m	nany options	for education and trainin	g beyond high scho	ol.	
	Utah System of Higher Education: ushe.edu (Utah's public colleges and universities) UtahMajors.org: Majors Guide				Majors Guide	
concurrent enrollment course + recommended explorer course	concurrent enrollment course	+ recomme	ended explorer course			

er more	Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Entry Level Programmer	<ul> <li>&gt; Computer Systems Analyst</li> <li>&gt; Game Play Programmer</li> <li>&gt; Software Developer</li> </ul>	<ul> <li>&gt; CTE Teacher</li> <li>&gt; Software Engineer</li> <li>&gt; Sys.Software Programmer</li> </ul>

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value. <u>Credentials of Value</u>

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

## **Advice to Students**

**"I would highly recommend** the CTE Pathway program to students. It is a great opportunity to earn college credit at a much more affordable price and gives you an advantage over anyone graduating from a traditional pathway."

> Jaren Woodbury Future Software Developer

### 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 the Programming & Software Development 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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Published January 2025



**Digital Technology** CAREER CLUSTER

# **Career Cluster: Digital Technology**

# Career Pathway: Web Development

JUNIOR HIGH / MIDDLE SCHOO	DL				
College and Career Awareness					
Computer Science Investigations			Python 1, Intro		
Creative Coding			Python 2, Intro		
HIGH SCHOOL					
SUPPORTING COURSES: Sugg	ested high so	chool courses that suppo	ort the Career Pathway (	Courses DO	NOT count towards the Pathway)
Secondary Math 2			Secondary Math 3		
EXPLORER COURSES: Choose	one or more	of the following courses			
Computer Programming 1 *		Entrepreneurship *		Math 1050	)
Computer Science Principles *		Exploring Computer S	cience	Web Deve	lopment 1 *
Computer Science Principles (AP					
Digital Media 1 *		Marketing 1 *			
CONCENTRATOR COURSES: 7	To be a conce	entrator you must pass o	one of the following cours	ses AND one	e explorer course.
UX/UI and Quality Assurances Web Development 2					
COMPLETER COURSES: To be	a completer	you must pass a concer	ntrator course and enoug	h courses to	equal 3.0 credits in this Pathway.
Web Development, Advanced			Web Development Pro	jects *	
CTE Internship		Apprenticeship			
POSTSECONDARY: There are r	nany options	for education and training	ng beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges ar			nd universities) UtahMajors.org: Majors Guide		
* concurrent enrollment course	+ recomme	ended explorer course	, , , , , , , , , , , , , , , , , , , ,		
		•		<u></u>	
			OARY EDUCATI		
There are several options for education and training beyond high school, depending on your career goals.					
			2-Year		4-Year
b or more Certif		ertificate	Associate De	aree	Bachelor's Degree
a more	> Graphic		> Web Developer	9.00	> CTE Teacher
	> Web Ana	alyst			> Full Stack Developer
	> Web Teo	chnician			> UI/UX Designer

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value. Credentials of Value

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

## Advice to Students

"Take advantage of every opportunity. Start planning your courses now. Learn from your teachers, parents, leaders, friends, and others around you. It's never too early to learn and plan. Enjoy high school."

> Travis Cook Future Web Developer

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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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