



Career Cluster: Computer Science & Information Technology

Career Pathway: Information Technology Systems

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)	
Electrician 1 *	Robotics 1
Electronics 1 *	Secondary Math 2
Math 1050	Secondary Math 3
Manufacturing Technology	
EXPLORER COURSES: Choose one or more of the following courses.	
CISCO Certified Networking Associate	Exploring Computer Science
Computer Programming 1 *	Microsoft Certified Professional *
Computer Science Principles 1 *	Web Development 1 *
Database Development *	
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.	
A+ Computer Maintenance and Repair *	
COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.	
Network Fundamentals *	
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.

	1-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	N/A	> Computer Network Support Specialist	> CTE Teacher > Computer Network Architect > Computer and Information Systems Manager

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

Student Testimonial

"This program helped me earn many industry-level certifications including CompTIA, IT Strata Fundamentals, IC3, Microsoft Technical Associate (MIT), OS Fundamentals, and Security and Academy of Information Technology certifications."

Parker Kingsford
 West 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 Information Technology Systems 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](#)