



Digital Technology Career Pathway

Milwaukee 7 Region

2021-2022



EXPLORE: Click on the links to find the job titles that seem most interesting to you to learn more! Save any jobs you are interested in from this career pathway in your XELLO account so that you can create an Academic and Career Plan (ACP) later on.

Educational Level May also require work experience	Business Analysis & Project Management	Cybersecurity	Data Technology	Network & Systems Infrastructure	Software Development & Programming	
High School Diploma, Certification	Support Technician * ○		Data Entry Clerk ○	PC Technician ○ Range \$20,700 - \$97,800	User Experience Tester * ○	Web Designer ○
Certification or Technical Diploma	Tech Support Specialist * ○ Range \$30,400 - \$76,800	Information Security Specialist * ○ Range \$44,800 - \$131,000	Computer Operator Database Entry Specialist Range \$20,700 - \$47,900	Systems Tech * Range \$50,600-\$113,800	Junior Web Developer ○ Mobile App Support * Quality Assurance Specialist User Interface/Experience Developer * Augmented/Virtual Reality Developer * Range \$30,400 - \$150,400	
Registered Apprenticeship	Data Analyst * IT Service Desk Technician * Range \$30,400 - \$113,800				Software Developer * Range \$55,700 - \$150,400	
Associate Degree	Business Systems Analyst * ○ Tech Project Coordinator Technical Trainer SCRUM Master * Range \$42,200 - \$113,800	Information Security Analyst * Cryptographer Range \$44,800 - \$131,000	Database Developer * Range \$63,900-\$143,200	Computer Network Specialist * ○ Network Administrator * Range \$41,200-\$113,300	Web Developer ○ Application Developer * Programmer Analyst * Software Developer * SCRUM Master * Range \$35,000 - \$150,400	
Bachelor Degree and beyond	Tech Support Manager IT Project Manager ○ Tech Director Range \$42,200 - \$180,500	Cyber Crime Investigator * Security Architect * Cybersecurity Engineer * Chief Information Security Officer * Range \$38,400- \$336,000	Data Architect * Data Warehouse Analyst * Business Intelligence Analyst * Data Scientist * GIS Specialist ○ Range \$42,200-\$143,200	Network Architect * Hardware Engineer ○ Range \$45,700-\$148,600	Web Administrator ○ Computer Programmer * ○ Software Engineer * ○ Computer Scientist ○ Range \$45,700 - \$158,100	
Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	

* **BRIGHT OUTLOOK** = these jobs are expected to grow in the future – which means more opportunities for you!

○ **XELLO** = you can learn more and save this job in your Xello account (note: some job titles might look a little different in Xello)



Digital Technology Career Pathway In High School



A career pathway in high school must include:

- A sequence of courses (including at least 2 CTE courses)
- Two of the following components: *Career and Technical Student Organization, Work-based Learning, Industry Recognized Credential, College Credit Opportunity*

Career and Technical Education Courses	Must include a sequence of at least TWO Career and Technical Education courses. Should align with Education Building Blocks for the pathway: <ul style="list-style-type: none"> • • 					CAREER EXPLORATION PROGRAMS
Relevant Academic Courses	Should align with Education Building Blocks for this pathway: <ul style="list-style-type: none"> • • 					You can find the list of career exploration programs associated with this pathway and develop a program list specific to your region or school.
Career and Technical Student Organization	<ul style="list-style-type: none"> • Future Business Leaders of America (FBLA) Student Organization • Skills USA 					GMSTEM STEM Forward
Work-Based Learning Program Options	<ul style="list-style-type: none"> • Employability Skills (90 hrs) • State Skill Standards Co-Op- Business/IT (480 hrs/1 year) • Youth Apprenticeship- IT (450 hrs/year; 1-2 years) • Local Work-based Learning Programs that meet state quality requirements 					
	Business Analysis & Project Management	Cybersecurity	Data Technology	Network & Systems Infrastructure	Software Development & Programming	
Industry Recognized Credential Options Learn the skills that employers want to see! <i>Italics = must be 18 years old to obtain</i> <i>*This certification is eligible for reimbursement through the technical incentive grant</i>	<p style="text-align: center;">IC3 Microsoft MOS*, MTA*, MCSA, MCSD, MCSE via Microsoft or Certiport</p>					Certiport: Swift Certification Level 1 * Google Developer Adobe *
College Credit Opportunities	You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE .			Certified Network Defense Architect (CDNA)		