



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!



Digital Technology Career Pathway at East Troy High School

Your Academic and Career Plan (ACP) for this career pathway starts here...



Use this page to figure out which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.

Career and Technical Education Courses	Networking & Cyber Security: <ul style="list-style-type: none"> IT Essentials Cyber Security Networking Concepts 	Software Development & Programming: <ul style="list-style-type: none"> Python II C# Net I AP Computer Science Principles Programming with C++ AP Computer Science A 	CAREER PATHWAY RESOURCES AND EXTRA-CURRICULAR OPPORTUNITIES			
Other Recommended Courses	<ul style="list-style-type: none"> Microsoft Office Advanced Microsoft Office Accounting Principles Industrial Robotics & Programming 		Career exploration programs associated with this pathway Digital Technology Related Clubs: E-Sports Computer Science Club			
Career and Technical Student Organization	<ul style="list-style-type: none"> Future Business Leaders of America (FBLA) Student Organization 					
Work-Based Learning Options	<ul style="list-style-type: none"> Youth Apprenticeship- IT (450 hrs/year; 1-2 years) Local Work-based Learning Programs that meet state quality requirements 					
Industry Recognized Credential Options <i>Italics = must be 18 years old to obtain</i>	Business Analysis & Project Management	Cybersecurity	Data Technology	Network & Systems Infrastructure	Software Development & Programming	
<p style="text-align: center;">IC3 Microsoft MOS via Microsoft or Certiport</p>						
<ul style="list-style-type: none"> CompTIA IT Fundamentals A+ SECURITY+ NETWORK+ 				<ul style="list-style-type: none"> CompTIA IT Fundamentals A+ SECURITY+ NETWORK+ 		
College Credit Opportunities You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE .	<p style="text-align: center;">College Courses Offered at Your High School</p>					
Transcripted Credit <ul style="list-style-type: none"> C# Net I, Gateway Technical College IT Essentials, Gateway Technical College Industrial Robotics and Programming, Gateway 		AP Courses <ul style="list-style-type: none"> AP Calculus AP Statistics 				
<p style="text-align: center;">College Courses You Can Take at a College Campus</p>						
<p style="text-align: center;">October 1st: Spring Courses</p>		<p style="text-align: center;">February 1st: Summer Courses (ECCP only)</p>		<p style="text-align: center;">March 1st: Fall Courses</p>		
Start College Now <ul style="list-style-type: none"> Gateway Technical College Waukesha County Technical College Milwaukee Area Technical College 			Early College Credit Program <ul style="list-style-type: none"> UW Whitewater UW Milwaukee UW Platteville 			