



Digital Technology Career Pathway

New North Region

Wittenberg-Birnamwood High School 2023-2024



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
HS Diploma, Certification	<p> Help Desk *○ Data Collection ○ IT Customer Service ○ Software (Unit) Testing *○ Range \$38,070-\$97,680 </p>				
Certification or Technical Diploma	<p> Desktop/PC Support *○ Help Desk Range \$32,330-\$88,470 </p>	<p> Information Security Specialist *○ Desktop/PC Support *○ Help Desk Range \$32,330-\$88,470 </p>	<p> Database Entry Specialist Desktop/PC Support *○ Help Desk Range \$22,610-\$68,830 </p>	<p> Desktop/PC Support *○ Systems Tech * Network Tech Support * Server Infrastructure Support BYOD Tech Range \$23,300-\$132,520 </p>	<p> Web Developer ○ Mobile App Support * Quality Assurance Specialist User Interface/Experience Developer * Range \$49,260-\$144,970 </p>
Registered Apprenticeship	<p> Data Analyst * IT Service Desk Technician * Range \$43,760-\$118,070 </p>				<p> Software Developer * Range \$64,240-\$164,590 </p>
Associate Degree	<p> Business Systems Analyst *○ IT Project Coordinator Technical Trainer SCRUM Master * Range \$43,855-\$136,190 </p>	<p> Computer/Info Security Analyst * Vulnerability Tester Cryptographer Range \$57,030-\$156,200 </p>	<p> Database Administrator Database Entry Specialist Database Maintenance Range \$51,800-\$148,060 </p>	<p> Computer Network Specialist *○ Network Administrator * Network Architect Range \$52,040-\$135,780 </p>	<p> Web Developer ○ Mobile Application Developer Programmer Analyst * Software Developer * SCRUM Master * Network Administrator Augmented/Virtual Reality Developer * UI/UX Designer Range \$50,320-\$148,486 </p>
Bachelor Degree and beyond	<p> Tech Support Manager IT Project Manager ○ Tech Director SCRUM Master * Business Analyst Range \$59,700-169,250 </p>	<p> Cyber Crime Investigator * Security Architect * Chief Information Security Officer * Source Code Security Analyst Systems Security Specialist Range \$49,500-149,000 </p>	<p> Data Architect * Data Warehouse Analyst * Business Intelligence Analyst * Data Scientist * GIS Specialist ○ AI/Machine Learning Range \$50,200-149,000 </p>	<p> Network Architect * Hardware Engineer ○ IS Manager Development Operations Engineer Cloud Engineer Cloud Solutions Architect Systems Analyst Range \$54,700-154,900 </p>	<p> Web Administrator ○ Computer Programmer *○ Software Engineer *○ Software Developer *○ Computer Scientist ○ Application Developer *○ Range \$57,000-160,300 </p>
Postsecondary Options	<p>Click HERE for Postsecondary Options</p>	<p>Click HERE for Postsecondary Options</p>	<p>Click HERE for Postsecondary Options</p>	<p>Click HERE for Postsecondary Options</p>	<p>Click HERE for Postsecondary Options</p>

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



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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	<ul style="list-style-type: none"> • Computer Science Discoveries • I.T. Design & Developmental Fundamentals • Web Design 1A, 1B, 1C • Programming Concepts 1A 					Start creating your professional network through CAREER EXPLORATION PROGRAMS . Record your experiences in XELLO.
Other Recommended Courses						You can find the list of career exploration programs associated with this pathway and develop a program list specific to your region or school. Regional <ul style="list-style-type: none"> • NEW Connect IT • Tech Titans
Career and Technical Student Organization	<ul style="list-style-type: none"> • FBLA 					
Work-Based Learning Options	<ul style="list-style-type: none"> • Youth Apprenticeship 					
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	
	Microsoft Word Microsoft Excel Microsoft Powerpoint					
College Credit Opportunities You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE .	College Courses Offered at Your High School					
	Transcripted Credit <ul style="list-style-type: none"> • I.T. Design & Developmental Fundamentals, NTC • Web Design 1, NTC • Programming Concepts 1, NTC 			AP and/or IB Courses		
	College Courses You Can Take at a College Campus Application Deadlines: October 1st: Spring Courses February 1st: Summer Courses (ECCP only) March 1st: Fall Courses					
	Start College Now			Early College Credit Program		