



Digital Technology Career Pathway

New North Region

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



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



Pathways
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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: • Computer Science II • AP Computer Science II Principles • Computer Science III • AP Computer Science A				CAREER EXPLORATION PROGRAMS
Additional Employer Recommended Courses	Should align with Education Building Blocks for this pathway: • NWTC Micro Word • NWTC Micro Excel • NWTC Intro to IT & Comp Science Principles				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 • NEW Connect IT • Tech Titans
Career and Technical Student Organization	• Distributive Education Clubs of America (DECA) • Skills USA				
Work-Based Learning Program Options	• 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> *This certification is eligible for reimbursement through the technical incentive grant					
College Credit Opportunities	You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE . • NWTC Micro Word • NWTC Micro Excel • NWTC Intro to IT & Comp Science Principles				