



Digital Technology Career Pathway

New North
2020-2021



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



Digital Technology Career Pathway at Gibraltar 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	<ul style="list-style-type: none"> • Robotics or Web Design • Computer Science I • Computer Science II • Advanced Placement COmputer Science A 				Start creating your professional network through CAREER EXPLORATION PROGRAMS . Record your experiences in XELLO.	
Other Recommended Courses					Regional <ul style="list-style-type: none"> • NEW Connect IT • Tech Titans • FVTC Summer Camps • UWGB Summer Camps • NWTC Career Events 	
Career and Technical Student Organization	DECA					
Work-Based Learning Options	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	
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			AP and/or IB Courses <ul style="list-style-type: none"> • Advanced Placement Computer Science A 		
	College Courses You Can Take at a College Campus					
	October 1st: Spring Courses		February 1st: Summer Courses (ECCP only)		March 1st: Fall Courses	
Start College Now Juniors and seniors who are interested in enrolling in a course not offered at the high school level may elect to enroll in a similar course at a Wisconsin Technical College. If a student completes all requirements, the course can count for both college and high school credit. Requests will be approved based on alignment with the student's academic and career plan and if there is a comparable course offered at the high school level. You can find the list of college credit			Early College Credit Program Students at public and private high schools in Wisconsin can earn college credit through the Early College Credit Program (ECCP), formerly known as Youth Options. A student selected for the program may be permitted to enroll in a UW System institution, or an alternative private, non-profit institution of higher education (IHE) to take one or more courses for which the student may earn high school credit, post-secondary credit, or both. Requests will be approved based on alignment with the student's academic and career plan and if there is a comparable course offered at the high school level.			