



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> Help Desk * ● Data Collection ● IT Customer Service ● Software (Unit) Testing * ● </p> <p>Range \$38,070-\$97,680</p> | | | | |
| Certification or Technical Diploma | <p> Desktop/PC Support * ● Help Desk </p> <p>Range \$32,330-\$88,470</p> | <p> Information Security Specialist * ● Desktop/PC Support * ● Help Desk </p> <p>Range \$32,330-\$88,470</p> | <p> Database Entry Specialist Desktop/PC Support * ● Help Desk </p> <p>Range \$22,610-\$68,830</p> | <p> Desktop/PC Support * ● Systems Tech * Network Tech Support * Server Infrastructure Support BYOD Tech </p> <p>Range \$23,300-\$132,520</p> | <p> Web Developer ● Mobile App Support * Quality Assurance Specialist User Interface/Experience Developer * </p> <p>Range \$49,260-\$144,970</p> |
| Registered Apprenticeship | <p> Data Analyst * IT Service Desk Technician * </p> <p>Range \$43,760-\$118,070</p> | | | | <p> Software Developer * </p> <p>Range \$64,240-\$164,590</p> |
| Associate Degree | <p> Business Systems Analyst * ● 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 * ● Network Administrator * Network Architect </p> <p>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 </p> <p>Range \$50,320-\$148,486</p> |
| Bachelor Degree and beyond | <p> Tech Support Manager IT Project Manager ● 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 ● AI/Machine Learning </p> <p>Range \$50,200-149,000</p> | <p> Network Architect * Hardware Engineer ● IS Manager Development Operations Engineer Cloud Engineer Cloud Solutions Architect Systems Analyst </p> <p>Range \$54,700-154,900</p> | <p> Web Administrator ● Computer Programmer * ● Software Engineer * ● Software Developer * ● Computer Scientist ● Application Developer * ● </p> <p>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> |



Digital Technology Career Pathway at Little Chute 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"> • Computer Applications • Intro To Business • Entrepreneurship • Computer Science Essentials- PLTW • Computer Science Principles-PLTW | | | | 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. |
| Career and Technical Student Organization | <ul style="list-style-type: none"> • DECA • Skills USA | | | | Regional |
| Work-Based Learning 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 | | | | <ul style="list-style-type: none"> • NEW Connect IT • Tech Titans |
| Industry Recognized Credential Options <i>Italics = must be 18 years old to obtain</i> <small>*This certification is eligible for reimbursement through the technical incentive grant</small> | Business Analysis & Project Management | Cybersecurity | Data Technology | Network & Systems Infrastructure | Software Development & Programming |
| <p style="text-align: center;">IC3 Microsoft MOS*, MTA*, MCSA, MCSD, MCSE via Microsoft or Certiport</p> | | | | | |
| | <ul style="list-style-type: none"> • Apple Certified Support Professional (ACSP) & Certified Mac Technician (ACMT) • CompTIA • IT Fundamentals • A+ * • SECURITY+ • NETWORK+ • PROJECT+ | <ul style="list-style-type: none"> • Cisco • CCENT * • CCT • CCNA – Any specialty* • CompTIA • SECURITY+ • Palo Alto (PCCSA, PCNSA, PCNSE) | <ul style="list-style-type: none"> • Oracle Certified Junior Associate or higher* • Java Foundations • Oracle Database Foundations | <ul style="list-style-type: none"> • Cisco • CCENT * • CCNA – Any specialty* • LINUX- Essentials * • CompTIA • IT Fundamentals • A+ * • SECURITY+ • NETWORK+ • PROJECT+ • CLOUD ESSENTIALS+ • Certified Network Defense Architect (CDNA) | <ul style="list-style-type: none"> • Certiport: Swift Certification Level 1 * • Google Developer • Adobe* |
| College Credit Opportunities You can find the list of college credit opportunities included here | College Courses Offered at Your High School | | | | |
| | Transcribed Credit <ul style="list-style-type: none"> • People Skills for Healthcare Professionals • Accounting 2 • Marketing 2 • Computer Apps | AP and/or IB Courses AP English-Literature & Composition AP Language & Composition AP Calculus AP Statistics | | | |