



Information Technology Career Pathway NEW North Bonduel 2023-2026



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	Information Systems	Data and Cybersecurity	Emerging Technology	Network & Systems Infrastructure	Software Development & Programming
High School Diploma, Certification	Tech Support Technician PC Technician Web Designer ◦ Technical Writer ◦ Range \$39,600-113,300				
Certification or Technical Diploma	Database Entry Specialist Quality Assurance Specialist Range \$41,200-105,600	Information Security Specialist * Range \$46,500-166,800	Mobile App Support Range \$36,600-94,900	Systems Tech Range \$61,400-161,900	User Interface/Experience Developer ◦ Web Developer * ◦ Range \$59,300-188,300
Registered Apprenticeship	IT Service Desk Technician Range \$48,000-78,000	Data Analyst * Cybersecurity Analyst * Range \$64,400-104,600			Software Developer * Range \$79,900-129,800
Associate Degree	Business Systems Analyst ◦ Tech Project/Product Coordinator ◦ Technical Trainer Range \$40,700-137,700	Information Security Analyst * ◦ Range \$66,000-174,500	Video Game Designer ◦ Robotics Technician Application Developer ◦ Range \$51,500-154,500	Computer Network Specialist * ◦ Network Administrator ◦ Software Quality Analyst Cloud Administrator Range \$51,400-138,400	Augmented/Virtual Reality Developer Programmer Analyst Software Developer * SCRUM Master Range \$54,800-139,600
Bachelor Degree and beyond	IT Project/Product Manager ◦ Tech Director Computer & Information Systems Manager Business Intelligence Analyst Range \$77,900-207,100	Cyber Crime Investigator Security Architect * Cybersecurity Engineer * Chief Information Security Officer Database Developer ◦ Range \$53,500-178,600	Data Scientist * ◦ Artificial Intelligence Programmer * Robotics Engineer ◦ Range \$53,700-137,700	Network Architect * Hardware Engineer ◦ Data Warehouse Analyst ◦ Range \$69,800-181,900	Web Administrator ◦ Computer Programmer * ◦ Computer Scientist ◦ GIS Specialist ◦ Range \$56,400-180,800
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!
- **XELLO** = you can learn more and save this job in your Xello account (note: some job titles might look a little different in Xello)



Information Technology Career Pathway at Bonded 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 Essentials • Programming in Python 				Start creating your professional network through CAREER EXPLORATION PROGRAMS . Record your experiences in XELLO.
Other Recommended Courses	<ul style="list-style-type: none"> • AP Calculus • Digital Social Media • Graphic Design • Advanced Graphic Design • AP Computer Science • Promotional Media 				<u>State:</u> • <u>Regional:</u> • <u>Local:</u> •
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>	Information Systems	Data and Cybersecurity	Emerging Technology	Network & Systems Infrastructure	Software Development & Programming
Empty row for credential options					
College Credit Opportunities and Post Secondary Options You can find the list of college credit opportunities for this pathway HERE You can find the postsecondary options for this pathway HERE .	College Courses Offered at Your High School				
Transcripted Credit <ul style="list-style-type: none"> • Programming in Python, SCN • Computer Essentials 			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		