Suggested Skills for Success

Technology Path – Information Technology

This career path focuses on the building linkages in information technology occupations for entry-level, technical and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.



Computer Networking & Cybersecurity Computer Networking & Cybersecurity Career Expectations and Work Preferences Solve problems that many have multiple correct solutions (programming) Enjoys science Understand ethical considerations of using digital content (copyright/Al/privacy) Set up/configure equipment (monitors, wireless networks/printers) Read/understand ethical considerations of using digital content (copyright/Al/privacy) Set up/configure equipment (monitors, wireless networks/printers) Read/understand ethical considerations of using digital content (copyright/Al/privacy) Set up/configure equipment (monitors, wireless networks/printers) Read/understand cabibing digrams Communicate technical information to non-technical clients Enjoys tinkering with electronics Computer skills Familian with software applications May sit for extended periods of time Frequently Used Pathway Skills/Abilities that employees need for success in the industry. It is recommended that students have, are developing or can develop the skills/abilities listed below.	Programs		
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 Science (electronics/electricity) 	• • Problem-solving/reasoning	Work independently with minimal supervision Ability to solve challenging problems without clear answers (persistence) Determine courses of action after reading/watching instructional content Maintain accurate records/problem-solving steps/cabling schematics Apply mathematical logic (programming/electrical power requirements)	
Academic Strengths Math (ratios/arrays/binary/hexadecimal/logic/flowcharts) Oral/written communication	• Academic Strengths •		

*The above was constructed from CT Supervisor and Instructor input and should be considered when exploring career-technical programs at MVCTC. Note: Final acceptance, for admittance, for a student on an IEP will be determined after an IEP meeting is convened with a MVCTC representative in attendance.