



Pathway: Network Systems

Program of Study: Computer Information Technology – Network Administration Track

CIP: 110103

Moline HS



Education Levels	Grade	English	Math	Science	Social Studies/ Sciences	Other Required Courses or Recommended Electives	Career & Technical Courses and/or Degree Major Courses	Employment Opportunities & Career Ladder	For more information about pursuing a career in Computer Information Technology, visit: www.bhc.edu .
Secondary	9	Literature & Language 1	Algebra I or Pre-Algebra	Physics First	World Studies	Driver's Ed Health P.E.	9th and 10th Grade Coursework	Career Options: <ul style="list-style-type: none"> Assistant Network Manager Computer Repair Technician Computer Support Specialist Network Architect Network Installer Network Technician Server Administrator Systems Administrator WAN/LAN Manager Career Learning Experiences: <ul style="list-style-type: none"> Part-time job, work experience Internship 	
	10	Literature & Language 2	Geometry or Algebra I	Chemistry	American History	Driver's Ed Health P.E. Music World Language	Keyboarding Computer Concepts 1 & Computer Concepts 2		
	11	Literature & Language 3	Algebra II or Geometry	Biology or Elective	American Government, Consumer Education or Managerial Economics	P.E. Music World Language	11th and 12th Grade Coursework		
	<i>Complete College Placement Testing</i>								
12	**Literature & Language 4	Mathematics	Elective	Elective	P.E. Music World Language	**Web Page Development (CIP 170)	**Help Desk (ITS 125)		
Postsecondary	<i>Successfully completed dual credit/dual enrollment courses do not have to be repeated at postsecondary level.</i>								
	13	Fall Semester	CIP 170 - Web Page Development** CIP 190 - Team MS Office/SharePoint CS 105 (CIP 101) - Computer Science Principles** ITS 116 - Computer Hardware ITS 125 - Professional Skills** NETW 125 - Cisco I						
		Spring Semester	ITS 112 - Operating Systems NETW 145 - Cisco II NETW 170 - Intro to Information Security NETW 215 - Windows Server – Spring only SPEC 101 - Principles of Speech Communication or SPEC 111 Business and Professional Comm						



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14	Summer Semester	General education course in Humanities, Social Sciences, Science or Non-Western Studies Category
	Fall Semester	ENG 101 - Composition 1 or Communication Skills or COMM 105 Essentials of English NETW 167 - Scripting for System Administration NETW 251 - SharePoint Administration NETW 255 - Advanced Networking /N+ Prep NETW 265 - Cisco III
	Spring Semester	NETW 274 - Ethical Hacking and Security NETW 280 - Network Defense – Spring only NETW 285 - Cisco IV NETW 290 - Internship Technical Elective

****Dual Credit/Dual Enrollment opportunities – Students must meet college requirements to enroll.**

Revised 5-17-19