Pathway: Network Systems

Program of Study: Computer Information Technology – IT Support Technician Track

CIP: 110103   **Moline HS**

Black Hawk College

Programs of Study
Information Technology

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** Keyboarding Computer Concepts 1 & Computer Concepts 2	**Career Options:** • 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:** • Part-time job, work experience • Internship	• **Take placement testing at Black Hawk College in spring of your junior year to help you select classes you may need senior year to prepare you for college.** • **Information about information technology occupations can be found at www.bls.gov/ooh. Check with your high school counselor to explore course offerings available at your area career center.** • **Completion of dual credit/dual enrollment courses offered with Black Hawk College is recommended but is not essential for program admission.**
Secondary	10	Literature & Language 2	Geometry or Algebra I	Chemistry	American History	Driver's Ed Health P.E. Music World Language			
Secondary	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** ****Programming 1 (CIP 101)** ****Web Page Development (CIP 170)**		
Secondary		*Complete College Placement Testing*							
Secondary	12	****Literature & Language 4**	Mathematics	Elective	Elective	P.E. Music World Language	****Help Desk (ITS 125)** ****Computer Apps (BE 146)**		

Postsecondary	13	*Successfully completed dual credit/dual enrollment courses do not have to be repeated at postsecondary level.*

Postsecondary	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 120 - Basic Computer Network
		Spring Semester	ITS 112 - Operating Systems ITS 118 - Computer Troubleshooting NETW 170 - Intro to Information Security **BE 146 - Microsoft Excel**** **ENG 101 - Composition I** or COMM 100 Communication Skills or COMM 105 Essentials of English**

	Summer Semester	General education course in Humanities, Social Sciences, Science or Non-Western Studies Category
14	Fall Semester	NETW 125 - Cisco I NETW 167 - Scripting for System Administration NETW 210 - Windows Workstation NETW 251 - SharePoint Administration Technical Elective
	Spring Semester	ITS 216 - Advanced PC Hardware/A+ Prep NETW 215 - Windows Server – Spring only NETW 290 - Internship SPEC 101 - Principles of Speech Communication or SPEC 111 Business and Professional Comm Technical Elective

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

Revised 5-17-19