Program of Study

Career Field: Communication and Information Systesm

Career Cluster: Information Technology

Career Pathway: Network Systems

Southeast Community College

DEGREE:

Computer Information Technology- Network Manager Focus

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES	
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages & Cultures Physical Education Health Education Entrepreneurship Database Design & Development Programming I	Information Technology Fundamentals Information Technology App. I Information Technology App. II Network Systems	*School Activities:* Develop web pages, FBLA, Prepare school multimedia/video projects, SkillsUSA,Student Technology Aide *Community Activities:* Create a community web site, Volunteer in the community, Set up computers and install software, Job shadow professionals, Part-time employment available within this career cluster	
	10	English/Language Arts II	Geometry	Biology	World History				
	11	English/Language Arts III	Algebra II	Chemistry	American History				
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis				

		COMMUNICATIONS	MATH/SCIENCE	SOCIAL SCI/ HUMANITIES	CORE COURSES					FOCUS COURSES		
SOUTHEAST COMMUNITY COLLEGE	**13 and 14**	Public Speaking	Business Mathematics	Interpersonal Relations	Microsoft Word & Powerpoint	Microsoft Excel	Computer Fundamentals	Linux Operating System	Hardware Installation & Maintenance	Advanced Hardware Troubleshooting	Windows Server Administration
		Composition I			Windows Operating Systems	Microsoft Access	Program Design & Problem Solving	Workplace Communications Skills	Linux Network Administration	Advanced Windows Server	Networking Capstone
		Business Communications			Database Concepts	Data Communications & Networking	TCP/IP	CIT Practicum	Networking Infrastructure	Router Implementation	LAN Switching and Wireless
					Web Page Fundamentals	Advanced Window Operating System	Network Security Fundamentals	Principles of Management	Wide Area Networking	Internet Scripting	Visual Basic