Associate of Science in Computer Information Systems/Network Security		RATE (CTR) CREDIT:						
CURRICULUM DEGREE REQUIREMENTS	Credit Hours Required	E3	E4	E5	E6	E7	E8	E9
Arts and Sciences Curriculum	**22 SH**							
Communication	**9SH**							
Principles of Speech	3							
English Composition	3							
Advanced Composition	3							
Digital Rhetoric	3							
Mathematics	**3SH**							
College Algebra	3							
Statistics	3							
Pre-Calculus	3							
Natural Sciences	**4SH**							
Environmental Biology	3							
Environmental Biology Lab	1							
Physics	3							
Physics Lab	1							
Humanities/Fine Arts	**3SH**							
Major Writers in World Literature	3							
Critical Thinking	3							
Culture and Diversity	3							
Spanish I	3							
Spanish II	3							
Social and Behavioral Sciences	**3SH**							
Macroeconomics	3							
Microeconomics	3							
History modern world	3							
Introduction to Psychology	3							
Positive Psychology	3							
21st Century Political Institutions	3							
Introduction to Sociology	3							
Global Social Issues	3							
Self Integration	**3SH**							
Career Orientation Seminar	0							
College Orientation	3							
Core Information Systems	**21 SH**							
Principles of Business and Management	3							
Fundamentals of Customer Service	3							
Introduction to Operating Systems	3							
Logic and Design	3							
Introduction to Networking	3	0	0	3	3	3	3	3
Web Interface Design	3							
Computer Applications	3	0	3	3	3	3	3	3
Required Network Security Courses	**16 SH**							
Networking II	3							

Course	SH							
Introduction to Routing and Switching	3							
Unix Administration	3							
Network Security Concepts	3							
Windows Client and Server	3	0	0	0	3	3	3	3
Windows Client and Server Lab	1							
Advanced Technical Courses	**14SH**							
Programming I	3							
Database I	3	0	3	3	3	3	3	3
Intermediate Routing and Switching	3							
Network Routing and Switching Lab	1							
Database Scripting I	3							
Advance windows Server	3							
Windows Activity Directory	3							
Windows Activity Directory Lab	1							
CIS Project I	3							
CIS Project II	3							
CIS Externship	3							
CIS Externship I	1							
Advanced Unix Administration	3							
Advanced Unix Administration Lab	1							
Web Site Management	3							
Web Site Management Lab	1							
Computer Configuration	3							
Computer Configuration II	3							
Change Mangement	3							
Change Management Lab	1							
Managerial Processes & Communications	3							
Managerial Processes & Communications Lab	1							
Operations Mangement	3							
Operations Mangement Lab	1							
Technology Optimization	3							
Technology Optimization Lab	1							
Total	**76**	0	6	9	12	12	12	12