

Associate of Science in Computer Information Systems/Network Security		RATE (OS) CREDIT:						
<u>CURRICULUM DEGREE REQUIREMENTS</u>	<u>Credit Hours Required</u>	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							
Web Interface Design	3							
Computer Applications	3	0	3	3	3	3	3	3
Required Network Security Courses	16 SH							
Networking II	3							

Introduction to Routing and Switching	3							
Unix Administration	3							
Network Security Concepts	3							
Windows Client and Server	3							
Windows Client and Server Lab	1							
Advanced Technical Courses	14SH							
Programming I	3							
Database I	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	0	0	0	0	3	3	3
Computer Configuration II	3							
Change Mangement	3							
Change Management Lab	1							
Managerial Processes & Communications	3							
Managerial Processes & Communications Lab	1							
Operations Mangement	3	0	0	0	0	3	3	3
Operations Mangement Lab	1							
Technology Optimization	3							
Technology Optimization Lab	1							
Total	76	0	3	3	3	9	9	9