

<b>Associate of Science in Computer Information Systems/Network Security</b>		<b>RATE (IT) CREDIT:</b>						
<u>CURRICULUM DEGREE REQUIREMENTS</u>	<u>Credit Hours Required</u>	E3	E4	E5	E6	E7	E8	E9
<b>Arts and Sciences Curriculum</b>	<b>22 SH</b>							
<b>Communication</b>	<b>9SH</b>							
Principles of Speech	3							
English Composition	3							
Advanced Composition	3							
Digital Rhetoric	3							
<b>Mathematics</b>	<b>3SH</b>							
College Algebra	3							
Statistics	3							
Pre-Calculus	3							
<b>Natural Sciences</b>	<b>4SH</b>							
Environmental Biology	3							
Environmental Biology Lab	1							
Physics	3							
Physics Lab	1							
<b>Humanities/Fine Arts</b>	<b>3SH</b>							
Major Writers in World Literature	3							
Critical Thinking	3							
Culture and Diversity	3							
Spanish I	3							
Spanish II	3							
<b>Social and Behavioral Sciences</b>	<b>3SH</b>							
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							
<b>Self Integration</b>	<b>3SH</b>							
Career Orientation Seminar	0							
College Orientation	3							
<b>Core Information Systems</b>	<b>18 SH</b>							
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	3	3	3	3	3	3
Web Interface Design	3							
Computer Applications	3							
<b>Required Network Security Courses</b>	<b>16 SH</b>							
Networking II	3							

Introduction to Routing and Switching	3							
Unix Administration	3							
Network Security Concepts	3	0	0	3	3	3	3	3
Windows Client and Server	3	0	0	0	0	3	3	3
Windows Client and Server Lab	1	0	0	0	0	0	1	1
<b>Advanced Technical Courses</b>	<b>14SH</b>							
Programming I	3							
Database I	3							
Intermediate Routing and Switching	3							
Network Routing and Switching Lab	1							
Windows Client and Server 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							
<b>Total</b>	<b>76</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>10</b>	<b>10</b>