Cybersecurity
Associate of Applied Science Degree
CY13

Curriculum

General Education Core	**15**
Area I: Language Arts/Communication	3
ENGL 1101 Composition and Rhetoric (3)	
Area II: Social/Behavioral Sciences *(Choose ONE)*	3
ECON 1101 Principles of Economics (3)	
ECON 2105 Principles of Macroeconomics (3)	
ECON 2106 Principles of Microeconomics (3)	
HIST 1111 World History I (3)	
HIST 1112 World History II (3)	
HIST 2111 American History I (3)	
HIST 2112 American History II (3)	
POLS 1101 American Government (3)	
PSYC 1101 Introduction to Psychology (3)	
SOCI 1101 Introduction to Sociology (3)	
Area III: Natural Sciences / Mathematics *(Choose ONE)*	3
MATH 1101 Mathematical Modeling (3)	
MATH 1103 Quantitative Skill and Reasoning (3)	
MATH 1111 College Algebra (3)	
Area IV: Humanities/Fine Arts *(Choose ONE)*	3
ARTS 1101 Art Appreciation (3)	
ENGL 2130 American Literature (3)	
ENGL 2310 English Literature from the Beginnings to 1700 (3)	
HUMN 1101 Introduction to Humanities (3)	
MUSC 1101 Music Appreciation (3)	
RELG 1101 Introduction to World Religions (3)	
Elective: General Education *(Choose ONE)*	3
Area I, II, III, IV (3)	

Occupational Courses	
Required Courses:	**45**
CIST 1001 Computer Concepts (4)	
CIST 1122 Hardware Installation and Maintenance (4)	
COMP 1000 Introduction to Computer Literacy (3)	
Introductory-Level Networking Class (Select **ONE**)	
CIST 1401 Computer Networking Fundamentals (4)	
CIST 2451 Introduction to Networks (4)	
CIST 1601 Information Security Fundamentals (3)	
CIST 1602 Security Policies and Procedures (3)	
CIST 2601 Implementing Operating Systems (4)	
CIST 2602 Network Security (4)	
CIST 2611 Network Defense and Countermeasures (4)	

CIST 2612 Computer Forensics (4)
CIST 2613 Countermeasures Testing (4)

Occupational Electives: *(Choose 4 hours)*
CIST 2452 Cisco Switching, Routing & Wireless Essentials (4)
CIST 2453 Enterprise Networking, Security, and Automation (4)
CIST 2411 Microsoft Client (4)
CIST 2412 Microsoft Server Installation and Maintenance (4)
CIST 2413 Microsoft Server Networking (4)
CIST 2414 Windows Server Identity Services (4)

Total Credit Hour (minimum):   **60**