COMPUTER INFORMATION TECHNOLOGY

COMPUTER INFORMATION TECHNOLOGY AAS (CYBERSECURITY) DEGREE PLAN

The Cybersecurity Associate of Applied Science (AAS) degree is designed to prepare students with strong technical skills and knowledge to design, develop, implement, and maintain defensive and offensive cyber strategies. Students will have the skills to help them obtain professional certification, entry level position in the field of Cybersecurity, or continue their education by pursuing a bachelor's degree.

FRESHMAN YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
MATH 1314 OR MATH 1324	College Algebra OR Mathematics for Business & Social Sciences	3
ITSY 1342	Information Technology Security	3
ITSC 1325	Personal Computer Hardware	3
ITSC 1305	Intro to PC Operating Systems	3
ITNW 1325	Fundamentals of Networking Technologies	3
Fall Total Credit Hours		15

FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ITSE 1359	Intro to Scripting Languages	3
ITSC 1316	LINUX Installation & Configuration	3
ITNW 1335	Information Storage & Management	3
ITSY 2301	Firewalls & Networks Security	3
ITNW 1313	Computer Virtualization	3
Spring Total Credit Hours		15

SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ITSY 2342	Incident Response and Handling	3
ITNW 2355	Server Virtualization	3
ITSY 2341	Security Management Practices	3
XXXX	Approved Social / Behavioral Science	3
ECON 2301 OR XXXX	Principles of Macroeconomics OR Approved Social/Behavioral Science Elective	3
Fall Total Credit Hours		15

SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ITSY 2343	Computer Systems Forensics	3
ITNW 1354	Implementing and Supporting Servers	3
COSC 1301	Introduction to Computing	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ENGL 1301	Composition I	3
ITSY 2330	Intrusion Detection	3
Spring Total Credit Hours		15
Program Total Credit Hours		60