

# 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 Math for Business and Social Sciences	3 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
ENGL 1301	Composition I	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	Incidental Response and Reporting	3
ITNW 2355	Server Virtualization	3
ITSY 2341	Security Management Practices	3
ITSE 1359	Introduction to Scripting Languages	3
XXXX	Approved Social / Behavioral Science	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
ITSY 2330	Intrusion Detection	3
COSC 1301	Introduction to Computing	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
XXXX	Approved Language / Philosophy / Culture	3
Spring Total Credit Hours		15
Program Total Credit Hours		60