

# 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
<a href="#">ITNW 1325</a>	Fundamentals of Networking Technologies	3
<a href="#">ITSY 1300</a>	Fundamentals of Information Security	3
<a href="#">ITSC 1325</a>	Personal Computer Hardware	3
<a href="#">ITSC 1305</a>	Introduction to Personal Computer (PC) Operating Systems	3
X3XX	Approved Core Math	3
Fall Total Credit Hours		15

### FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
<a href="#">ITSY 2301</a>	Firewalls and Network Security	3
<a href="#">ITNW 1313</a>	Computer Virtualization	3
<a href="#">ITSC 1316</a>	LINUX Installation and Configuration	3
<a href="#">ITSY 1342</a>	Information Technology Security	3
<a href="#">ITSE 1359</a>	Introduction to Scripting Languages	3
Spring Total Credit Hours		15

### SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
<a href="#">ITSY 2342</a>	Incident Response and Handling	3
<a href="#">ITSY 2341</a>	Security Management Practices	3
<a href="#">ITNW 2355</a>	Server Virtualization	3
<a href="#">ENGL 1301</a>	Composition I	3
<a href="#">ECON 2301</a> or X3XX	Principles of Macroeconomics or Approved Social/Behavioral Science Elective	3
Fall Total Credit Hours		15

### SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
<a href="#">ITSY 2343</a>	Computer Systems Forensics	3
<a href="#">ITSY 2330</a>	Intrusion Detection	3
<a href="#">ITNW 1354</a>	Implementing and Supporting Servers	3
<a href="#">COSC 1301</a>	Introduction to Computing	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
X3XX	Approved Language/Philosophy/Culture	3
Spring Total Credit Hours		15
Program Total Credit Hours		60

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