

CIT, INFORMATION TECHNOLOGY CYBERSECURITY SPECIALTY, ASSOCIATE OF APPLIED SCIENCE



Plan of Study

3IT-ITS

First Term		Credits
ITSC 1305	Introduction to PC Operating Systems	3
ITSE 1329	Programming Logic and Design	3
ITNW 1325 or ITCC 1314	Fundamentals of Networking Technologies or CCNA 1: Introduction to Networks	3
ITSY 1342	Information Technology Security	3
ENGL 1301	Composition I	3
Credits		15

Second Term		Credits
ITSC 1316 or ITSC 1307	Linux Installation and Configuration or UNIX Operating System I	3
ITSE 1302	Computer Programming	3
ITSY 2300	Operating System Security	3
ITNW 2353 or ITCC 1444	Advanced Routing and Switching or CCNA 2: Switching, Routing and Wireless Essentials	3
Select one of the following:		3
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	
MATH 1314	College Algebra	
	Life and Physical Science (Natural Science)	
Credits		15

Third Term		Credits
ITNW 1354 or ITNW 1309	Implementing and Supporting Servers or Fundamentals of Cloud Computing	3
ITSY 2301	Firewalls and Network Security	3
ITSY 2341	Security Management Practices	3
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
Select one of the following:		3
SPCH 1311	Introduction to Speech Communication	

SPCH 1315	Public Speaking	
SPCH 1318	Interpersonal Communication	
SPCH 1321	Business and Professional Speech	
Credits		15
Fourth Term		
ITSY 2342	Incident Response and Handling	3
ITSY 2343	Computer System Forensics	3
ITSY 2345	Network Defense and Countermeasures	3
ENGL 2311 or ENGL 1302	Technical and Business Writing or Composition II	3
Social and Behavioral Sciences or Government/Political Science or American History		3
Credits		15
Total Credits		60

Capstone Experience: ITSY 2345 Network Defense and Countermeasures