

# CIT, INFORMATION TECHNOLOGY CYBER SECURITY SPECIALTY, ASSOCIATE OF APPLIED SCIENCE



## Plan of Study

3IT-ITS

First Term		Credits
ITSC 1305	Introduction to PC Operating Systems	3
ITSC 1309	Integrated Software Applications I	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
<b>Credits</b>		<b>15</b>
Second Term		Credits
ITSC 1316 or ITSC 1307	Linux Installation and Configuration or UNIX Operating System I	3
ITSE 1329	Programming Logic and Design	3
ITSW 1307	Introduction to Database	3
ITSY 2300	Operating System Security	3
Select one of the following:		3
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	
MATH 1314	College Algebra	
Life and Physical Sciences (Natural Science)		
<b>Credits</b>		<b>15</b>
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	
<b>Credits</b>		<b>15</b>
Fourth Term		Credits
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
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>60</b>

**Capstone Experience:** ITSY 2345 Network Defense and Countermeasures

\*\*Students must be Texas Success Initiative (TSI) complete in order to graduate: Math level 8.