



## Computer Networking - Cyber Security Specialty +60215

This program leads to either a two-year Associate of Applied Science degree or a certificate. The course work focuses on cyber security techniques and network management and prepares the student for a cyber security or network administration position or other network operation or maintenance.

First Year		
First Semester		
Course		Semester Hours
CPMT 1305	IT Essentials I: PC Hardware and Software	3
ITCC 1314	CCNA 1: Introduction to Networks	3
ITCC 1340	CCNA 2: Routing and Switching Essentials	3
ITSC 1301	Introduction to Computers	3
ITSE 1359	Introduction to Scripting Languages	3
		15
Second Semester		
Course		Semester Hours
ITCC 2312	CCNA 3: Scaling Networks	3
ITCC 2313	CCNA 4: Connecting Networks	3
ITNW 1308	Implementing and Supporting Client Operating Systems	3
ITSC 1307	UNIX Operating System I	3
ITSY 2343	Computer System Forensics	3
		15
Second Year		
First Semester		
Course		Semester Hours
ITSW 1307	Introduction to Database	3
ITMT 2301	Windows Server 2008 Network Infrastructure Configuration	3
ITCC 2343	Network Security	3
.....	Social & Behavioral Science Elective (CRIJ 1301 recommended)	3
ITSC 1364	Practicum-Computer & Information Sciences, General**	3
		15
Second Semester		
Course		Semester Hours
ITMT 2302	Windows Server 2008 Active Directory Configuration	3
MATH ....	MATH 1332 or MATH 1342 or higher	3
ENGL 1301	Composition I	3
.....	Speech Elective	3
.....	Humanities and Fine Arts Elective	3
		15
		Total Hours 60

+ Course of study identification number.

\*\* Capstone Experience.

After successful completion of the four CISCO courses, a student is eligible to take the Cisco Certification exam for certification as a CISCO Certified Networking Associate (CCNA).

**Note:** A student who completes the required courses with an overall average of C may receive an Associate of Applied Science degree.