

Computer Networking +60213

This program leads to either a two-year Associate of Applied Science degree or a certificate. The program focuses on client/server local area networks (LANs) and prepares the graduate for a network administration position or other network operation and maintenance job. Students may choose from three specializations: CISCO, Cyber Security and PC Support.

First Year		
First Semester		
Course		Semester Hours
CPMT 1305	IT Essentials I: PC Hardware & Software	3
ITNW 1337	Introduction to the Internet	3
ITSC 1301	Introduction to Computers	3
ITSC 1305	Introduction to PC Operating Systems	3
ITSE 1359	Introduction to Scripting Languages	3
		15
Second Semester		
Course		Semester Hours
ITNW 1308	Implementing & Supporting Client Operating Systems	3
ITSC 1307	UNIX Operating System I	3
ITSW 1307	Introduction to Database	3
ITSE 1331	Introduction to Visual Basic Programming or (COSC 1337 Prog. Fundamentals II)	3
ITNW 1325	Fundamentals of Networking Technologies	3
		15
Second Year		
First Semester		
Course		Semester Hours
COSC 1336	Programming Fundamentals I	3
ITSC 2331	Integrated Software Applications III	3
ITSC 1364	Practicum - Computer & Information Sciences, General**	3
ITNW 2305	Network Administration	3
MATH	MATH 1332 or MATH 1342 or higher	3
		15
Second Semester		
Course		Semester Hours
ITMT 2302	Windows Server 2008 Active Directory Configuration	3
.....	Speech Elective	3
ENGL 1301	Composition I	3
.....	Social & Behavioral Science Elective	3
.....	Humanities/Fine Arts Elective	3
		15
		Total Hours 60

+ Course of study identification number. ** Capstone Experience.

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