Network Systems Administrator (CSN17) 111001
Associate of Applied Science Degree

A Network Systems Administrator plans, installs, and maintains multi-user networks. Job duties include: networking systems with different types of hardware and operating systems, ensuring system security and integrity, troubleshooting and repairing network problems, training network users, and writing documentation.

First Year

			First Semester	Credit
DEGR	COSC	1301	Introduction to Computing	3
or				
DEGR	ITSC	1301	Introduction to Computers	
DEGR	ITCC	1314	CCNA 1: Introduction to Networks	3
or				
DEGR	ITNW	1325	Fundamentals of Networking Technologies	
DEGR	ITSC	1316	Linux Installation and Configuration	3
DEGR	ITNW	1316	Network Administration	3
CORE	MATH	1414	College Algebra	4

			Second Semester	
DEGR	ITSY	1342	Information Technology Security	3
DEGR	ITSE	1359	Introduction to Scripting Languages	3
DEGR	ITCC	1344	CCNA 2: Switching, Routing, and Wireless Essentials	3
CORE	ENGL	1301	Composition I	3

Second Year

			First Semester	
DEGR	ITNW	1345	Implementing Network Directory Services	3
DEGR	ITSY	2401	Firewalls and Network Security	4
DEGR	ITNW	1313	Computer Virtualization	3
DEGR	ITNW	1337	Introduction to the Internet	3
CORE	SPCH	1321	Business and Professional Communication	3

			Second Semester	
DEGR	ITSY	2345	Network Defense and Countermeasures	3
CORE			Creative Arts	3
CORE			Social and Behavioral Sciences Selection	3
DEGR	ITSW	1307	Introduction to Database	3
DEGR	ITNW	1454	Implementing and Supporting Servers	
or				
DEGR	ITNW	2488	Internship – Computer Systems Networking/Telecommunications	4
Total Hours				**60**