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
CORE	ENGL	1301	Composition I	3
CORE	MATH		Mathematics	4

			Second Semester	
DEGR	ITNW	1316	Network Administration	3
DEGR	ITSE	1359	Introduction to Scripting Languages	3
DEGR	ITCC	1344	CCNA 2: Switching, Routing, and Wireless Essentials	3
DEGR	GOVT		GOVT 2305 or 2306	3
CORE			Social and Behavioral Sciences Selection	3

Second Year

			First Semester	
DEGR	ITSY	2401	Firewalls and Network Security	4
DEGR	ITNW	1313	Computer Virtualization	3
DEGR	ITSY	1342	Information Technology Security	3
CORE			Creative Arts	3
CORE	SPCH		SPCH 1318 or 1321	3

			Second Semester	
DEGR	ITSY	2345	Network Defense and Countermeasures	3
DEGR	ITNW	1337	Introduction to the Internet	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**