



CIT – Network Administration and Support +CNAS

The Network Administration and Support specialty prepares students to work as computer network support specialists, network administrators, or network security specialists. Students learn to install and configure network hardware and software, optimize network performance, maintain system security, and troubleshoot network problems. Students have the option of taking the industry-recognized CompTIA A+, CCNA, and MCSA certification exams as well as pursuing an Enhanced Skills Certificate in Cybersecurity.

First Year

First Semester

Course		Semester Hours
BCIS 1305	Business Computer Applications	3
CPMT 1305	IT Essentials I: PC Hardware and Software	3
ITMT 1358	Windows Client Operating System	3
ITSE 1359	Introduction to Scripting Languages	3
ITSY 1342	Information Technology Security	3
		15

Second Semester

Course		Semester Hours
EECT 1300	Technical Customer Service	3
ITCC 1314	CCNA 1: Introduction to Networks	3
ITCC 1340	CCNA 2: Routing and Switching Essentials	3
ITSC 1315	Project Management Software	3
ITSC 1316	Linux Installation and Configuration	3
		15

Second Year

First Semester

Course		Semester Hours
ITCC 2312	CCNA 3: Scaling Networks	3
ITCC 2313	CCNA 4: Connecting Networks	3
ITNW 1354	Implementing and Supporting Servers	3
ENGL 1301	Composition I	3
.....	Speech Elective	3
		15

Second Semester

Course		Semester Hours
CPMT 2250	Industry Certification Preparation**	2
ITNW 1313	Computer Virtualization	3
ITSC 1164	Practicum – Computer & Information Sciences, General**	1
MATH	MATH 1314 or MATH 1332 or higher	3
.....	Humanities/Fine Arts Elective	3
.....	Social & Behavioral Science 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.