

# COMPUTER NETWORKING & SYSTEMS ADMINISTRATION



## PROGRAM DETAILS

At TSTC, your hands-on training gives you the opportunity to earn industry-recognized certifications such as CCNA (Cisco Certified Network Associate), CompTIA certifications in Cloud Essentials +, Network+ and Security+.



### Computer Networking & Systems Administration (IT Support Tier I) Pathway

Course	Course Name	Credit Hours
ITSC 1325	Personal Computer Hardware	3
ITNW 1308	Implementing & Supporting Client Operating Systems	3
ITNW 1358	Network+	3
ITNW 1345	Implementing Network Directory Services	3

### Computer Networking & Systems Administration (IT Support Tier I) Certificate I

Course	Course Name	Credit Hours
ITNW 1308	Implementing & Supporting Client Operating Systems	3
ITNW 1358	Network+	3
ITSC 1325	Personal Computer Hardware	3
ITCC 1314	CCNA 1: Introduction to Networks	3
ITNW 1345	Implementing Network Directory Services	3
ITSC 1316	Linux Installation and Configuration	3

# Computer Networking & Systems Administration Program of Study

Network administrators make global connections happen. You, too, can safeguard the network, ensure traffic flows smoothly, and maintain reliability and security. Network and computer systems administrators organize, install, and support an organization's computer systems. Some of these include local area networks (LANs), wide area networks (WANs), intranets and other data communication systems on premise and in the cloud.

TSTC AWARDS	Median Wage
Certificate I	\$10-\$27/Hour
Certificate II	\$11-\$31/Hour
Associate Degree	\$18-\$58/Hour

## CAREER OPPORTUNITIES



Knowing how computer networks operate is key to operating a business. As a network and systems administrator, you are essential to making computer systems work. Ensuring network and server reliability and security are among the primary responsibilities of this job. If you love computers and operating the tech side of the business, you can put these skills to work.

### Industry-Based Certifications

- CompTIA A+
- CompTIA Networking+

# Computer Networking & Systems Administration

## Course Information (PEIMS)

### Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>ITSC 1325 Personal Computer Hardware/</b> Internetworking Technologies I	N1302803 (1 credit)	None	None

### Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>Implementing &amp; Supporting Client Operating Systems/</b> Internetworking Technologies II	N1302804 (1 credit)	Internetworking Technologies I	None
<b>ITNW 1345 Implementing Network Directory Services/</b> Networking/Networking Lab	13027410 (2 credits)	None	Networking w/Lab

### Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>ITNW 1358 Network+/ Practicum in Information Technology</b>	13028000 (2 credits)	Minimum of two high school Information Technology (IT) courses	None