

EPIC

●●● READY SET LEARN

DESIRE.
INSPIRE.
GO HIGHER.

NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS

They organize, install, and support an organization's computer systems, including local area networks (LANs), wide area networks (WANs), network segments, intranets, and other data communication systems. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.

THESE ARE THE THINGS I DO ON A DAILY BASIS:

- Determine an organization's network and computer system needs before setting one up
- Install all network hardware and software and make needed upgrades and repairs
- Maintain network and computer system security and ensure that all systems are operating correctly
- Collect data in order to evaluate and optimize network or system performance

Why this job is a good fit?

- ▶ Working Conditions
- ▶ Support
- ▶ Achievement

Tools I use

- ▶ Cable Accessories
- ▶ Hard Disk Arrays
- ▶ Network Analyzers
- ▶ Server Load Balancers
- ▶ Development Environment Software
- ▶ Network Monitoring Software



Resources: This and other Career Data Sheets available on www.epicworkforce.net. Information may vary by job and should be verified before pursuing a position. Other related information is available at onetonline.org, careeronestop.org, jobcenter.usa.gov, and www.bls.gov/ooh/.

DESIRE.

Learn more at:

www.epicworkforce.net/

Why I enjoy my job as a Network and Computer Systems Administrators:

- ▶ Job security and great working conditions
- ▶ Supportive management
- ▶ Results oriented and rewarding work

IMPORTANT SKILLS AND ABILITIES FOR THE JOB:

- ▶ Critical Thinking
- ▶ Active Listening
- ▶ Reading Comprehension
- ▶ Judgment and Decision Making
- ▶ Monitoring

INSPIRE.

CERTIFICATE

Cisco Network Associate

Microsoft Network

Administrator

Microsoft Enterprise
Administrator

Net+ Technician / Security+
Technician

2 YEAR DEGREE

Network
Administrator

IT Network Technician

4 YEAR DEGREE

Information Technology
Manager

Network Systems
Administrator

Telecommunications
Engineering Specialist

Network Support Specialist

MASTER'S DEGREE

Network Systems Director

Network Analyst

Network Engineer

Computer Network
Architect

GO HIGHER.

CREDENTIALS OFFERED:

Check for credential specifics at your KCTCS Home College!!

CERTIFICATE

*CISCO NETWORK ASSOCIATE / MICROSOFT NETWORK ADMINISTRATOR / SECURITY+
NET+ / A+ / PROGRAMMING / COMPUTER TECH BASIC / COMPUTER TECHNICIAN
SUPPORT TECHNICIAN / MOBILE APPS DEVELOPMENT / WEB PROGRAMMING*

DEGREES

IT NETWORK ADMINISTRATION / PROGRAMMING / APPLICATIONS

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