



Explore a Career as a

# NETWORK AND COMPUTER SYSTEMS ADMINISTRATOR

## What do Network and Computer Systems Administrators do?

Network and computer systems administrators are responsible for the day-to-day operation of their networks. They organize, install and support an organization's computer systems. This includes local area networks (LANs), wide area networks (WANs), network segments, intranets and other data communication systems. Administrators manage an organization's servers, desktops and mobile equipment. They ensure that email and data storage networks work properly. They also make sure that employees' workstations are working efficiently and that they stay connected to the central computer network. Some administrators manage telecommunication networks.

## Training & Educational Opportunities

You will have many opportunities for employment as a network and computer systems administrator, but first you will need to complete specific training and earn a bachelor degree. Programs in these fields usually include classes in computer programming, networking or systems design.

## As a Network and Computer Systems Administrator you will:

- Add users to a network and assign and update security permissions
- Collect data in order to evaluate and optimize network or system performance
- Install all network hardware and software and make needed upgrades and repairs
- Interpret and solve problems when a user or an automated monitoring system alerts that one exists
- Maintain network and computer system security and ensure that all systems are operating correctly

## Network and Computer Systems Administrators are in demand in Livingston County!

Livingston County employment of Network and computer systems administrators is expected to grow through 2020. Demand for information technology workers is high and should continue to grow.

# Network and Computer Systems Administrator

## Training Providers

The following certified training providers offer programs and certifications to train for a career as a network and computer systems administrator:

- Heartland Community College
- Illinois State University
- MicroTrain Technologies

Career scholarships may be available if you qualify.



## Types of Employers

There are different types of companies that employ network and computer systems administrators in Livingston County, including:

- Consulting firms
- Manufacturers
- Technology companies
- Universities

## Wages & Openings

### Network and Computer Systems Administrator Employment Data for Livingston County

Average Starting Hourly Wage	Insf. Data
Average Hourly Wage With Experience	Insf. Data
Average Annual Job Openings Livingston County	~10
Annual Job Openings Bloomington Peoria Region	68

## Opportunities

After earning your degree as a network and computer systems administrator, you will have many opportunities for advancement. Some opportunities include:

- Computer and Information Systems Manager
- Computer Hardware Engineer
- Computer Network Architect
- Computer Programmer



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