



**Business and Information Technology**  
203 Nielsen Hall  
319-398-5416  
800-332-2055  
business@kirkwood.edu  
www.kirkwood.edu/businessdept

# Network and System Administration

**Department:** Business and Information Technology

**Degree:** Associate of Applied Science (A.A.S.)

**Entry time:** Fall

**Length:** 2 years (5 semesters)

## Program Description

If you like being rewarded for solving problems, a career in the high-paying, in-demand network and system administration field is worth a look. Computer networks are essential in every organization today. Students will specialize in Network Administration, System Administration or Security/Virtualization, which allows them to match individual interests and employment availability. As a graduate of the Network and System Administration program at Kirkwood, you'll have the knowledge and tools to be successful in this growing profession.

## Career Opportunities

Network technician  
Network engineer  
Network security specialist  
Virtualization specialist  
System administrator

## Sample Classes

Computer Hardware Basics  
Network Plus  
Windows Networking  
Advanced PC Concepts  
LAN Administration  
CCNA Cisco 1–4  
Directory Concepts  
Cyber Law and Ethics  
Linux Networking  
Directory Administration  
Network Security Basics  
VMware VCP  
System Automation and Scripting  
TCP-IP for Networking

## Program Attributes

Curriculum developed from employer input. Three different learning tracks: Network Administration, System Administration, and Security and Virtualization. In-demand career field with many available job opportunities.

---

## Certificate Options

In addition opportunities to test for third-party industry certificates, you can customize your degree and boost your resume with Kirkwood's certificate options. Students in the Network and System Administration program can specialize in:

**Network Security**  
**Network and System Administration**

---

## Kibbie Grant

Students in this program may be eligible to have part of their tuition paid for by the Kibbie Grant. Go to [www.kirkwood.edu/Kibbie](http://www.kirkwood.edu/Kibbie) for more details.

## Scholarships

We award more scholarships than any other community college in Iowa. Complete **one application** to be eligible. To apply visit: [www.kirkwood.edu/scholarships](http://www.kirkwood.edu/scholarships).