



Network and System Administration

Department: Business and Information Technology

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

Entry time: Fall

Length: 2 years (4 semesters)

Program Description

Degree-seeking students will specialize in network infrastructure, which includes wireless, server, and desktop operating systems, as well as security best practices for all aspects of the network and system administration. In addition to training for the technical specialization, the coursework focuses on communication skills, professionalism, critical thinking and problem-solving, basic legal aspects of technology along with governance, risk and compliance, and teamwork and lifelong learning. Through the term 4 capstone project, students will have the opportunity to demonstrate to industry partners what they have been learning. These partners are potential hiring companies for graduates emerging from the NaSA program.

Career Opportunities

Network technician
Network engineer
Network security specialist
Virtualization specialist
System administrator

Sample Classes

Computer Concepts
Network Plus
Ethics in Information Technology
Cloud Infrastructure
Administering Windows Server
Network Security Basics
Administering Red Hat Server
VMware VCP
Network Attacks
Network/Systems Capstone

Program Attributes

The curriculum is designed based on recommendations from industry partners. Students learn the latest tools and concepts that culminate in a capstone presentation to local industry leaders. COMP TIA A+, Network+, Security+, Cloud Essentials, and AWS are all possible with a bit of additional preparation.

Certificate Options

Earn an IT Fundamentals certificate after completing two terms.
Earn a System Administration diploma after completing three terms.

Kibbie Grant/Last-Dollar Scholarship

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 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.

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