The networking associate certificate consists of a core of courses which provide job entry skills in the area of computer networks. This certificate can also be the foundation for advancement to higher level positions in an expanding field. Instruction includes hands-on system experience. This certificate is an expansion of the Networking certificate that adds training in network operating systems and general information systems theory.

Work and Employment

Networking associates are involved in the installation, use and maintenance of computer networks. They may set up the physical infrastructure for a network, use network operating systems to administrate and maintain network services, ranging from LANs to Internet services.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 27 Hours

Major Field Requirements

- CIS 101 - Fund of Computer Info Systems (3 Semester Hours)
- CIS 151 - Network Certification (3 Semester Hours)
- CIS 152 - Introduction to Networks (ITN) (3 Semester Hours)
- CIS 154 - Switching/Routing/Wireless Ess (3 Semester Hours)
- CIS 156 - Enterprise Netw/Sec/Automation (3 Semester Hours)
- CIS 167 - A+ Certification (3 Semester Hours)
- CIS 197 - Security + Certification (3 Semester Hours)
- CIS 250 - Beginning Linux (3 Semester Hours)
- CIS 257 - Cyber Security Analysis (3 Semester Hours)

Suggested Program

First Semester - 15 Hours

- CIS 101 - Fund of Computer Info Systems (3 Semester Hours)
- CIS 151 - Network Certification (3 Semester Hours)
- CIS 152 - Introduction to Networks (ITN) (3 Semester Hours)
- CIS 154 - Switching/Routing/Wireless Ess (3 Semester Hours)
- CIS 167 - A+ Certification (3 Semester Hours)

Second Semester - 12 Hours

- CIS 156 - Enterprise Netw/Sec/Automation (3 Semester Hours)
- CIS 197 - Security + Certification (3 Semester Hours)
- CIS 250 - Beginning Linux (3 Semester Hours)
- CIS 257 - Cyber Security Analysis (3 Semester Hours)