

(B35) Certificate

This program is designed to prepare students for employment in business, industry and government. Networking professionals are responsible for overseeing the design, administration, and security of organization network infrastructure. **Students must first complete the Networking Specialist Certificate before enrolling in the Networking Professional Certificate.**

Work and Employment

Networking professionals are employed by all sectors of the economy including the communications industry. Networking professionals are employed in large and small organizations with diverse responsibilities including supervision of computer network specialist.

Special Considerations

Networking professionals must have the following skills and aptitudes: communicate well, work under pressure, show good judgment, are systematic and accurate. A clear understanding of computer technology and internetworking is important.

Program Contacts at Sauk Valley Community College

Academic Advising, 815/835-6354;

Dr. Mary Lou Kidder, Professor of Computer Information Systems, 815/835-6358;

Kevin Megill, Associate Professor of Computer Information Systems, 815/835-6251;

Valarie Sleger, Professor of Computer Information Systems, 815/835-6388.

Major Field Requirements

- CIS - Elective 1 Semester hour(s)

- CIS 197 - Security + Certification 3 Semester hour(s)
- CIS 250 - Beginning Linux 3 Semester hour(s)
- CIS 252 - Advanced Routing 3 Semester hour(s)
- CIS 256 - Multi-Layer Switching 3 Semester hour(s)
- CIS 258 - Network Troubleshooting 3 Semester hour(s)

Total Hours Required for Certificate: 16

Suggested Program

First Semester - Sem/Hrs: 7

CIS Elective 1 Semester hour(s)

- CIS 252 - Advanced Routing 3 Semester hour(s)
- CIS 258 - Network Troubleshooting 3 Semester hour(s)

Second Semester - Sem/Hrs: 9

- CIS 197 - Security + Certification 3 Semester hour(s)
- CIS 250 - Beginning Linux 3 Semester hour(s)
- CIS 256 - Multi-Layer Switching 3 Semester hour(s)

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