

See Updates and Clarifications to 2017/18 Catalog

(077) Associate in Applied Science

This program is designed to prepare students for employment in business, industry, and government utilizing computer client/server networks of all sizes. Computer server specialists are responsible for configuring, maintaining, and administering hardware and operating systems at the server and client level. Completing certain sequences in this curriculum will also prepare students to sit for industry certifications sponsored through Microsoft Corporation.

The type of jobs for which it would train graduates:

- Server Administrator
- Server Support
- Network Support Technician
- Network Support Administrator

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

- BUS 103 - Introduction to Business 3 Semester hour(s)
- CIS 101 - Fundamentals of Computer Information Systems 3 Semester hour(s)
- CIS 151 - Network Certification 3 Semester hour(s)
- CIS 167 - A+ Certification 3 Semester hour(s)
- CIS 194 - Windows Operating Systems 3 Semester hour(s)
- CIS 197 - Security + Certification 3 Semester hour(s)
- CIS 250 - Beginning Linux 3 Semester hour(s)
- CIS 290 - Introduction to Servers 3 Semester hour(s)
- CIS 291 - Install and Configure Servers 3 Semester hour(s)
- CIS 292 - Manage and Administer Servers 3 Semester hour(s)
- CIS 293 - Configure Advanced Services 3 Semester hour(s)

Minimum Hours for Major Field Requirements: 33

General Education Requirements - Sem/Hrs: 18-19

- Communications 6 Semester hour(s) - (ENG 101 and ENG 111 Required)
- Humanities/Fine Arts 3 Semester hour(s)
- Social/Behavioral Sciences 3 Semester hour(s)
- Physical/Life Sciences 3 Semester hour(s)
- Mathematics (MAT 106 or higher required) 3-4 Semester hour(s)

Electives - Sem/Hrs: 9

- ACC 101 - Financial Accounting 4 Semester hour(s)
- ACC 102 - Managerial Accounting 4 Semester hour(s)
- BUS 231 - Occupational Seminar I 1 Semester hour(s)
- BUS 235 - Occupational Internship I 3 Semester hour(s)

- CIS 152 - Introduction to Internetworking 3 Semester hour(s)
- CIS 154 - Introduction to Internetworking Operating System 3 Semester hour(s)
- CIS 156 - Introduction to Local Area Networks 3 Semester hour(s)
- CIS 158 - Introduction to Wide Area Networks 3 Semester hour(s)
- CIS 231 - Computer Information Systems Occupational Seminar I 1 Semester hour(s)
- STRONGLY RECOMMENDED
- CIS 235 - Computer Information Systems Occupational Internship I 3 Semester hour(s)
- STRONGLY RECOMMENDED

SVCC Requirement - Sem/Hrs: 1

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- FYE 101 - First Year Experience 1 Semester hour(s)

Total Hours Required for A.A.S. Degree: 61-62

Suggested Program

First Semester - Sem/Hrs: 16

- CIS 101 - Fundamentals of Computer Information Systems 3 Semester hour(s)
- CIS 151 - Network Certification 3 Semester hour(s)
- CIS 167 - A+ Certification 3 Semester hour(s)
- CIS 194 - Windows Operating Systems 3 Semester hour(s)
- ENG 101 - Composition I 3 Semester hour(s)
- FYE 101 - First Year Experience 1 Semester hour(s)

Second Semester - Sem/Hrs: 15

- Physical/Life Science 3 Semester hour(s)
- Social/Behavioral Science 3 Semester hour(s)
- CIS 197 - Security + Certification 3 Semester hour(s)
- CIS 290 - Introduction to Servers 3 Semester hour(s)
- CIS 291 - Install and Configure Servers 3 Semester hour(s)

Third Semester - Sem/Hrs: 15 - 16

- Math (MAT 106 or higher) 3-4 Semester hour(s)
- BUS 103 - Introduction to Business 3 Semester hour(s)
- CIS 292 - Manage and Administer Servers 3 Semester hour(s)
- CIS 293 - Configure Advanced Services 3 Semester hour(s)
- ENG 111 - Business and Technical Communication 3 Semester hour(s)

Fourth Semester - Sem/Hrs: 15

- Electives 9 Semester hour(s) (see elective options)

- Humanities/Fine Arts 3 Semester hour(s)
- CIS 250 - Beginning Linux 3 Semester hour(s)

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