

(077) Associate in Applied Science

This program is designed to prepare students for employment as a Windows Server/System Administrator in any industry utilizing computer client/server networks of all sizes. System Administrators 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 and CompTIA.

The type of jobs for which it would train graduates:

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

Click here for further career information: <https://www.svcc.edu/academics/programs/individual/077.html>

Program Contacts at Sauk Valley Community College

Academic Advising, 815/835-6354

Greg Noack, Assistant Professor of Computer Information Systems, 815/835-6434

Total Hours Required - 61-62 Hours

Major Field Requirements - 33 Hours

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

General Education Requirements - 18-19 Hours

- 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 - 9 Hours

CIS 231 and 235 are strongly recommended.

- ACC 101 - Financial Accounting (4 Semester Hours)
- ACC 102 - Managerial Accounting (4 Semester Hours)
- CIS 152 - Intro to Internetworking (3 Semester Hours)
- CIS 154 - Internetworking Oper Sys (3 Semester Hours)
- CIS 156 - Intro to Local Area Networks (3 Semester Hours)
- CIS 158 - Intro to Wide Area Networks (3 Semester Hours)
- CIS 231 - Occupational Seminar I (1 Semester Hours)

- CIS 235 - Occupational Internship I (3 Semester Hours)

SVCC Requirement - 1 Hours

- FYE 101 - First Year Experience (1 Semester Hours)

Suggested Program

First Semester - 16 Hours

- CIS 101 - Fund of Computer Info Systems (3 Semester Hours)
- CIS 151 - Network Certification (3 Semester Hours)
- CIS 167 - A+ Certification (3 Semester Hours)
- CIS 194 - Windows Operating Systems (3 Semester Hours)
- ENG 101 - Composition I (3 Semester Hours)
- FYE 101 - First Year Experience (1 Semester Hours)

Second Semester - 15 Hours

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

Third Semester - 15-16 Hours

- Math (MAT 106 or higher) 3-4 Semester hour(s)
- Electives 6 Semester hour(s) (see elective options)
- CIS 292 - Manage & Administer Servers (3 Semester Hours)
- CIS 293 - Configure Advanced Services (3 Semester Hours)

Fourth Semester - 15 Hours

- Electives 3 Semester hour(s) (see elective options)
- Humanities/Fine Arts 3 Semester hour(s)
- BUS 103 - Intro to Business (3 Semester Hours)
- CIS 250 - Beginning Linux (3 Semester Hours)
- ENG 111 - Bus/Technical Communication (3 Semester Hours)