

Information Technology System Administrator Certificate Program

Faculty Contact:
Randy Flory
(269) 782-1377
rflory@swmich.edu

[Gainful Employment Information](https://www.swmich.edu/sites/swmich.edu/files/academics/gainful/2018/11.1001-Gedt.html)
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Important information about the educational debt, earnings, and completion rates of students who attended this program.

This certificate provides individuals with the knowledge, skill, and abilities that provide career opportunities and advancement in the field of System Administration in Information Technology. This certificate provides the foundation for industry certifications from CompTIA, Microsoft, and Cisco. The courses listed for this certificate will apply towards the Information Technology Networking Associate in Applied Science degree at Southwestern Michigan College.

Core Classes	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> BUSI 240	Strongly recommended to be taken at the end of the student's program
<input type="checkbox"/> ISYS 207	None
<input type="checkbox"/> ISYS 260	None
<input type="checkbox"/> ISYS 271	ISYS 207 (concurrent enrollment allowed)
<input type="checkbox"/> ISYS 272	ISYS 281
<input type="checkbox"/> ISYS 281	ISYS 207 and ISYS 271
<input type="checkbox"/> ISYS 283	ISYS 281
<input type="checkbox"/> ISYS 284	ISYS 281
<input type="checkbox"/> ISYS 285	ISYS 207
<input type="checkbox"/> ISYS 288	ISYS 271
<input type="checkbox"/> ISYS 289	ISYS 281

First Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ISYS 207	Managing and Maintaining PC's	4
ISYS 271	Networking Essentials	3
ISYS 285	Network Security	3
	Total Credits	10

Second Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
BUSI 240	Professionalism Workshop	1
ISYS 260	Wireless Communications	3
ISYS 281	Installing Windows Server	3
ISYS 289	Installing and Configuring Windows	3
	Total Credits	10

Third Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ISYS 272	Configuring Windows Devices	3
ISYS 283	Administering Windows Server	3
ISYS 284	Advanced Windows Server	3
ISYS 288	CISCO Routers and Switches	3
	Total Credits	12

Total Program Credits = 32
Courses taken out of sequence may delay a student's ability to complete the program in a timely manner.