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# Discover

## Schoolcraft College

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### Networking Technology Integration

In your mind, computers are king. And nothing excites you more than assembling a system and working out the bugs. Sounds like you've got what it takes to make networking a career.

Schoolcraft's one-year program leading to a NetPrep\* Networking Specialist certificate will expose you to all you need to succeed in this fast-paced field. LANs, WANs, network architecture, processes, and protocols are just a few of the subject areas you'll cover in just one year's time.

Schoolcraft also offers Computer Information Systems. See our catalog or website for details.

After completing the program, you'll receive independent, industry-standard certification of your skills through the National Association of Computer Systems Engineers, enabling you to move on to a high-paying job as a support specialist or systems administrator. Or continue your studies to earn a NetPrep Master of Network Science certificate.

*\*NetPrep, a school-to-career curriculum that prepares high school and community college students for careers in network management, was developed by the 3Com Corporation and WestNet Learning Technologies. The NetPrep Master of Network Science certificate is not offered at Schoolcraft College.*

### FREQUENTLY ASKED QUESTIONS

#### What Does a SYSTEMS ADMINISTRATOR Do? What Does a SUPPORT SPECIALIST Do?

Administrators design, install, and support an organization's Local Area Network, Wide Area Network, network segment, Internet or intranet systems. This includes maintaining network hardware and software, analyzing problems, and monitoring networks to ensure availability to system users. Specialists provide technical assistance, support, and advice to customers and other system users.

#### What Characteristics Do I Need To Work In This Field?

A technical mind and trouble-shooting ability are the key skills involved in networking. You also need to be able to communicate, multi-task, and work quickly and competently under pressure.

#### Where Could I Find a Job?

Virtually every work environment needs networking expertise, including professional offices, small businesses, government, and large corporations.

#### What Is My Employment Outlook?

Employment opportunities for Systems Administrators are expected to grow faster than average for all occupations through the year 2020. Opportunities for Computer Support Specialists are expected to grow as fast as the average.

#### Related Websites

Service & Support Professionals Association (SSPA): [www.thesspa.com](http://www.thesspa.com)

Systems Administrators Guild: [www.sage.org](http://www.sage.org)

#### For More Information

Visit [www.schoolcraft.edu](http://www.schoolcraft.edu) where you can view course and program information, schedule a campus tour, apply for admission, register for courses, and request more information.

Contact the Admissions and Enrollment Center at 734-462-4426 with additional questions.

### employment

#### JOB TITLES & MEDIAN SALARIES OR HOURLY RATES

**Computer Support Specialist**

\$41,735 (Michigan)

**Systems Administrator**

\$59,800 (Michigan)

## Program Requirements - 2012-2013 CATALOG

### COMPUTER INFORMATION SYSTEMS—NETWORKING TECHNOLOGY INTEGRATION CERTIFICATE

Schoolcraft program code # 1YC.00270

The curriculum provides students with an in-depth understanding of the theory, hardware, and software of computer networking. This program provides a complete introductory program for students or adult learners who are new to the field. For students who have networking experience, this program also offers more advanced networking study.

All courses are not offered each semester. Students should work with the Counseling Center to set up a schedule that will work for them. Students who satisfactorily complete the Program Courses qualify for a Certificate of Program completion.

#### SAMPLE SCHEDULE OF COURSES

FIRST YEAR	Fall Semester	
CIS 171	Introduction to Networking . . . . .	3
CIS 170	Microsoft Windows . . . . .	3
or		
CIS 178	Technical Microsoft Windows . . . . .	3
CIS 235	Managing and Troubleshooting PCs . . . . .	3
CIS 267	Home Technology Integration . . . . .	4
ENGR 100	Introduction to Engineering and Technology . . . . .	3
		<b>16</b>
	<b>Winter Semester</b>	
CIS 172	Network Security Fundamentals . . . . .	3
CIS 173	Wireless Local Area Networks . . . . .	3
CIS 251	IT Project Management . . . . .	3
CIS 271	Local Area Networks . . . . .	3
CIS 273	TCP/IP and Network Architectures . . . . .	3
		<b>15</b>

**PROGRAM TOTAL 31 CREDITS**

Go to [www.schoolcraft.edu/academicprograms](http://www.schoolcraft.edu/academicprograms) to see the **Gainful Employment Disclosure** which includes additional information about this program, such as program costs, student graduation rates, and the median debt of students who complete the program.

**Virtually any program at Schoolcraft College can be a transfer program if you plan to continue at a four-year institution to earn a bachelor's degree in your major. Visit [www.schoolcraft.edu/transfer](http://www.schoolcraft.edu/transfer) for information about transfer options. To ensure that the Schoolcraft courses you select are the specific ones required by the four-year college of your choice, be sure to consult regularly with your counselor/advisor.**




**Schoolcraft College** | 18600 Haggerty Road  
 Livonia, MI 48152-2696

It is the policy of Schoolcraft College that no person shall, on the basis of race, color, national origin, gender, age, marital status, creed or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment.