



NETWORKING SPECIALIST— CISCO NETWORK PROFESSIONAL

THE PROGRAM

The Cisco Network Professional Program is for students who want to acquire the internet technology skills essential for success in a global economy. Offered in partnership with Cisco Systems, Inc., a global manufacturer of high-tech products for both small and large companies, the courses that comprise the Cisco Networking Academy Program prepare students to take the Cisco Certified Network Associate (CCNA) exam. The certification attests to an individual's ability to install and configure Cisco network communication equipment, troubleshoot (including Ethernet and TCP/IP networks), and improve network performance and security.

A certificate option is available as an alternative to the associate degree. Certificate programs offer a high degree of specialization in a short program of instruction and may later be applied toward an associate degree.

EMPLOYMENT OUTLOOK

With an associate degree in Cisco Network Professional, you will be qualified for careers that include network support specialist. Median salary in Michigan for this career is \$55,110, with 11 percent growth in openings expected through 2024.

I did my research, and there is no college in southeast Michigan that has a (Cisco) program as good as Macomb's. With the way they teach and the resources that are available ... it just doesn't get any better than this.

—Kim Kalinowski

FOR MORE INFORMATION

Call 866.622.6621
visit www.macomb.edu
or contact Professor
John Koss
kossjo@macomb.edu

For additional information
on the Cisco Academy
please visit the Cisco
Academy website
www.netacad.com



**Macomb
Community College**

Education • Enrichment • Economic Development

*Discover. Connect. Advance.*SM



MACOMB

TEST THE WATERS

At Macomb, you can “test the waters,” exploring the features and benefits of each IT specialty for about **one-quarter the cost of a publicly funded Michigan four-year university**, before making your choice and earning your Associate of Applied Science degree.

2 + 2 = \$1,000,000

Although skill-specific certificates are available in all of Macomb’s IT specialties, a bachelor’s degree is the requirement for the most desirable IT jobs. And U.S. Census Bureau statistics show that a student with a four-year degree will earn one-million dollars more over their lifetime!

PLANNING TO TRANSFER TO A FOUR-YEAR COLLEGE OR UNIVERSITY?

Macomb’s IT program provides a direct path to a bachelor’s degree at select colleges and universities, and up to 90 credits earned at Macomb may be transferable. Students intending to transfer to another college or university should talk to a Macomb counselor or academic advisor before registering for classes.

Center Campus: 586.286.2228
South Campus: 586.445.7211
Email: answer@macomb.edu

WORKING IN A VIRTUAL WORLD

The Information Technology Department at Macomb Community College has seven areas of study to launch your career and shape the future of technology.

COMPUTER APPLICATIONS

IT Professional: gain knowledge in Windows-based applications, web design, programming and networking

COMPUTER NETWORKING

Networking Specialist—Cisco Network Professional: focuses on the Cisco Networking Academy, wired and wireless networking technologies, network security and troubleshooting techniques

Networking Specialist—Network Security Professional: tools and techniques used to safeguard the communications networks of an organization from unauthorized access

PROGRAMMING

Programming: creation of custom software using languages such as C++, C#, Java and the .NET Framework

Programming for Electronic Games: creation of computer games for multiple potential audiences, whose target uses include entertainment, training and scenario planning (simulation)

WEB AND INTERNET TECHNOLOGIES

Website Programming: creation of interactive websites utilizing programming tools such as JavaScript, ASP.NET and PHP—this specialty supports the creation of e-commerce websites

Cloud Computing: develop, deploy and maintain cloud computing, storage, networking and management systems that provide users immediate access to data and applications from any device connected to the internet

**For general information about
Macomb Community College:**

www.macomb.edu
866.Macomb1 (866.622.6621)
answer@macomb.edu