

Information Technology

Microsoft One-Year Certificate

Certificate



Program Description:

As a leading Microsoft IT Academy, Mountwest Community & Technical College offers the Network Systems Administration option to help prepare students for the Microsoft Certified IT Professional (MCITP) Certification examinations. The curriculum and course materials are designed by Microsoft, and the College's instructors are Microsoft Certified IT Professionals (MCITP) with industry experience that take a personal interest in mentoring students through every step of the certification process.

Career Outlook:

The U.S. Department of Labor – Bureau of Labor Statistics states that computer-related jobs (IT) hold numerous positions within the Top-20 Fastest Growing Occupations in the country. Additionally, IT jobs are reported to have the highest earning of any of the occupations in the list.

Computer occupations are expected to be some of the fastest growing in the U.S. economy and will account for 5 out of the 20 fastest growing occupations over the next decade through 2015. Employment growth will be driven by the increasing reliance of businesses on information technology and the continuing importance of maintaining system and network security. In addition to high growth rates, computer and healthcare occupations combined will add more than 1.5 million new jobs. High growth rates among computer occupations reflect projected rapid growth in the computer and data processing industries.

Management, scientific and technical consulting services will grow very rapidly, by 55.4%, spurred by the increased use of new technology and the growing complexity of business.

Salary Forecast:

Although salaries vary a great deal, reflecting differences in skill, experience, and amount of education, the salaries for the job titles in the following table reflect HR Reported data as of January 2007 for Huntington, West Virginia.

Job Title	Average Salary		Job Title	Average Salary
LAN Support I	\$64,000		Network Administrator IV	\$63,000
LAN Support II	59,000		Network Administrator V	73,000
LAN Support III	64,000		Network Engineer I	80,000
Network Administrator I	70,000		Network Engineer II	70,000
Network Administrator II	62,000		Network Engineer III	83,000
Network Administrator III	75,000		Network Security Systems Manager	81,000

Program Admission Requirements:

The college adheres to an open admission policy which means applicants with a high school diploma or a GED are eligible for admission. Applicants with neither a high school diploma nor a GED may be admitted on a conditional basis.

Career Description:

The Microsoft Certified IT Professional (MCITP) credential is the premier certification for professionals who analyze the business requirements and design and implement the infrastructure for business solutions based on the Microsoft Windows platform and Microsoft Server software. It is one of the most widely recognized and sought after technical certifications in the IT industry demonstrating to employers, clients and colleagues that an individual has achieved expertise in the area in Information Technology.

Contact Information:

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Major Code – CM60 Microsoft One-Year Certificate

FIRST YEAR¹	
<p>First Semester²</p> <p>IT 150 Applications to Spreadsheets (EDGE) 3</p> <p>IT 210 Networking Administration I^{3,6} 3</p> <p>IT 211 Networking Administration II³ 3</p> <p>IT 216 Networking Administration III³ 3</p> <p>IT 217 Networking Administration IV³ 3</p> <p>IT 230 Network Communications 3</p> <p>TOTAL CREDITS 18</p>	<p>Second Semester</p> <p>ENL 111 Written Communication 3</p> <p>IT 219 Networking Administration V^{4,5} 3</p> <p>IT 222 Networking Administration VI^{4,5} 3</p> <p>IT 223 Networking Administration VIII^{4,5} 3</p> <p>IT 224 Fundamentals of Network Security 3</p> <p>MAT 145 Applications in Algebra 3</p> <p>TOTAL CREDITS 18</p>
HOURS REQUIRED FOR GRADUATION: 36	

Employment Opportunities:

- Network administrator
- Network engineer
- Systems support technician
- Network designer
- Network security systems designer

Earn A Degree Graduate Early (EDGE):

This program provides students the opportunity to receive credit for their high school EDGE courses.

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1. The one-year certificate in the Microsoft Certified Systems Engineer will allow the student to apply 36 academic credits toward the Information Technology A.A.S. degree in Network Administration

2. Students are expected to have basic knowledge of computers including operating systems such as Windows XP or 2003 and Microsoft Office XP or 2003 before entering this program. The student must register for IT 101 during his or her first semester or successfully pass a challenge exam for IT 101.

3. Networking Administration classes IT 210, IT 211, IT 216 and IT 217 must be taken concurrently. These classes cannot be taken individually.

4. Networking Administration classes IT 219, IT 222 and IT 223 must be taken concurrently. These classes cannot be taken individually.

5. IT 219, IT 222, and IT 223 have a prerequisite of IT 217.

6. IT 210 has a prerequisite of IT 120 or permission.