

Information Technology CP

Microsoft Certified Solutions Associate – Concentration

Career & Technical Division

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 Solutions Associate (MCSA) Certification examinations. The curriculum and course materials are designed by Microsoft, and the College's instructors are Microsoft Certified Solutions Experts (MCSE) with industry experience that take a personal interest in mentoring students through every step of the certification process.

Career Outlook:

Employment of network and computer systems administrators is projected to grow 5 percent from 2018 to 2028. About as fast as the average for all occupations. Demand for information technology (IT) workers is high and should continue to grow as firms invest in newer, faster technology and mobile networks.

Salary Forecast:

For the most current salary information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at www.bls.gov/ooh/.

Employment Opportunities:

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

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 Solutions Associate (MCSA) credential is the industry standard for demonstrating competence in managing and troubleshooting network environments 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:

Patrick Smith
Room 209
Phone: 304-710-3398 or 1-866-N-ROLLED (1-866-676-5533)
E-mail: smith288@mctc.edu

Our mission is to prepare students for careers, civic responsibility and life-long learning.

Information Technology Major Code • Microsoft Certified Solution Associate – CI32

Name:	ID Number 942-
Educational Counselor:	
Faculty Advisor:	

COURSE REQUIRED

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ENL 111 or ENL 231	Written Communication ¹ or Business and Technical Writing ¹		3				
IT 120	Network Operating Systems		3				
IT 210	Networking Administration I ²		3				
IT 211	Networking Administration II ³		3				
IT 216	Networking Administration III		3				
IT 217	Networking Administration IV ⁴		3				
IT 219	Networking Administration V ⁵		3				
IT 230 or IT 270	Network Communications or Computer Essentials & Applications ⁶		3				
IT 224 or IT 293	Fundamentals of Network Security ⁶ or Networking Practicum ⁷		3				
	Math Elective ⁸		3				

DEVELOPMENTAL COURSES REQUIRED

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
	Hours Required for Graduation: 30						

¹ ENL 111 and ENL 231 have a prerequisite of placement in 100-level English, and placement in 100-level reading.
² IT 210 has a prerequisite of IT 120 or permission.
³ IT 211 has pre-requisites or co-requisites of IT 210, 216, and 217.
⁴ IT 210, 211, 216, and IT 217, must be taken concurrently. These classes cannot be taken individually.
⁵ IT 219 has prerequisite of IT 217, and a co-requisites of IT 222 and IT 223.
⁶ IT 224 and 270 have a prerequisite of IT 101 or 102.
⁷ IT 293 has a prerequisite of IT 210.
⁸ Choose from any 100-level or above Mathematics course.

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