Information Technology CAS

Microsoft Certified Solutions Associate – Concentration

Career & Technical Division

Program Description:

The Microsoft IT Academy at Mountwest Community & Technical College offers training that prepares individuals to install, configure, and operate a Microsoft Windows Server environment for enterprise organizations with networks from 100 to more than 500 nodes. The Microsoft IT Academy Program is a comprehensive-learning program that provides students with the IT skills essential for a global economy. Certified professors offer real-world knowledge and hands-on labs to prepare you for the industry-standard certifications.

Career Outlook:

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

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:

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

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

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ENL 131	Business and Technical Writing[1]		3				
IT 120	Network Operating Systems		3				
IT 210	Networking Administration I[2,3]		3				
IT 211	Networking Administration II[3]		3				
IT 216	Networking Administration III [3]		3				
IT 217	Networking Administration IV [3]		3				
IT 219 or IT 225	Networking Administration V [5] Fundamentals of Wireless Technology		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				
MAT 120	Applied Professional Math[8]		3				
	Hours Required for Graduation		30				

[1] ENL 131 has a prerequisite of placement in 100-level English or a co-requisite of ENL 095. Students must earn a "C" or better in ENL 101 to graduate. [2] IT 210 has a prerequisite of IT 120 or permission.

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

[4] 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] MAT 120 has a prerequisite of placement in 100-level Math or a minimum ACT Math score of 19 or SAT Math score of 510.