Information Technology CAS
Microsoft Certified Solutions Expert – Concentration

Academic Year 2021-2022

Career & Technical Division

Program Description:

The Microsoft IT Academy at Mountwest Community & Technical College offers training that prepares individuals to design, install, and implement a Microsoft Windows Server environment for enterprise organizations with networks from 500 to more than 2000 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.

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

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

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

Microsoft Certified System Expert Code[1] – CM60	
Name:	**ID Number 942-**
Educational Counselor:	
Faculty Advisor:	

COURSE REQUIRED

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ENL 111	Written Communication[1]		3				
IT 210	Networking Administration I[2,3,4]		3				
IT 211	Networking Administration II[2,4]		3				
IT 216	Networking Administration III[2,4]		3				
IT 217	Networking Administration IV[2,4]		3				
			15				
IT 219	Networking Administration V[5, 6,7]		3				
IT 222	Networking Administration VI[5,7]		3				
IT 223	Networking Administration VII[5,7]		3				
IT 224	Fundamentals of Network Security[7,8]		3				
	Approved Math Elective[9]		3				
			15				

	Hours Required for Graduation: 30

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 ENL 111 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 111 to graduate.
2 IT 210, IT 211, IT 216 and IT 217 must be taken concurrently. These classes cannot be taken individually.
3 IT 210 has a prerequisite of IT 120 or permission.
4 IT 210, IT 211, IT 216, and IT 217 are offered fall semesters only.
5 IT 219 has a prerequisite of IT 217.
7 IT 219, IT 222, IT 223, and IT 224 are offered spring semester only.
8 IT 224 has a prerequisite of IT 101 or IT 102.
9 Choose from any 100-level or above Mathematics course.

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