Student Name: _____

Computer & Information Technologies: <u>Microsoft Network Administrator</u> *(19 Total Credit Hrs)*

Maysville Community & Technical College   Open Admissions
                                                 Certificate

Terry Pasley, Program Coordinator

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Academic Plan Code: 1101013349   **Academic Program Code:** ENTC

Certificate Requirements *(19 Credit Hours)*		Credit Hours	Semester Taken
	Approved Level I Networking Course	4	
CIT 213	MS Client / Server Config	3	
CIT 214	Server Infrastructure Admin	3	
Choose either CIT 262 OR CIT 261			
CIT 261	MS Active Directory Services **OR**	3	
CIT 262	MS Network Infrastructure	3	
CIT 264	MS Server Admin	3	
	Approved CIT Technical Course	3	
	Total	19	

Approved Level I Networking Courses *(Choose (1) Course)*		Credit Hours	Semester Taken
CIT 160	Intro to Networking Concepts	4	
CIT 161	Network Fundamentals	4	
CIT 162	Home and Small Office Fundamentals	4	

Approved CIT Technical Courses *(Choose (1) Course)*		Credit Hours	Semester Taken
		3	

**Technical Course Notes:
- May choose any CIT Course(s), (EXCEPT CIT 103), or other courses approved by Computer & Information Technologies Program Coordinator.
- Students may choose CIT 280 or COE 199 for a maximum of 3 credit hours.
- Students may <u>NOT</u> use one course to fulfill multiple requirements

Notes:

1. It is the responsibility of the student to notify their Advisor of changes they have made to their class schedule. Failure to do so could result in a delayed graduation date or ineligibility for graduation. (<u>*Examples*</u>: *Online registration, drop/add, or change of class sequence.*)

2. **MAT 65 AND CIT 111 must be completed before enrolling into a Level I Networking course; OR Consent of Instructor.**

3. **CIT 262 has a co-requisite of both CIT 213 AND CIT 219; OR Consent of Instructor.**

4. Certificates may also be completed prior to or while earning an AAS degree. (Refer to MCTC's CIT Program Website).

5. In order to graduate and obtain a Certificate, a student must earn a minimum grade of "C" in ALL courses required by the Certificate.

6. Required minimum ACT or COMPASS placement scores are listed below:

	Math	Reading	Writing
COMPASS	42 (Pre-Algebra)	80	64

Microsoft Network Administrator Certificate Information

The Microsoft Network Administrator Certificate offers students the opportunity to earn a credential demonstrating the fundamentals of computer networking. This certificate consists of the core skills that students need to effectively build and maintain computer networks. In addition, this certificate will provide a way for professionals currently in the industry to update their computer networking skills and for new students to show progress in the CIT program.

Upon completion of this Certificate program, the graduate can:
1. Set up and manage user accounts including e-mail and Internet capability.
2. Install and maintain vendor-specific network components including servers, workstations, printers and communication infrastructure.
3. Analyze business information needs and design vendor-specific network solutions to enhance productivity and competitiveness.
4. Explain how the OSI (Open Systems Interconnection) model relates to development and troubleshooting of network communications.
5. Implement TCP/IP (Transmission Control Protocol/Internet Protocol) addressing and subnetting schemes.
6. Design communications solutions in an enterprise environment.
7. Implement a disaster recovery protection plan.

Total Credit Hours: 19

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More detailed and updated information may be available at maysville.kctcs.edu
KCTCS is an equal opportunity employer and education institution.