

Student Name: _____

Computer & Information Technologies: Network Technologies Specialist (21 Total Credit Hrs)

Maysville Community & Technical College

Open Admissions

Certificate

Sharon Staviski, Program Coordinator

Phone: (606)-783-1538 ext. 66318

Office: 206E Rowan Campus

Email: Sharon.staviski@kctcs.edu

Academic Plan Code: 1101017089

Academic Sub Code: 1101013369

Academic Program Code: ENTC

Certificate Requirements (22-24 Credit Hours)		Credit Hours	Semester Taken
CIT 219	Internet Protocols	3	
CIT 288	Network Security	3	
	Select 15 hours from the tracks on the back. At least 8 hours must be from a single platform and at least 4 hours must be from a different platform.	15	
<i>Total</i>		21	

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. (*Examples: Online registration, drop/add, or change of class sequence.*)
2. **MAT 85 must be completed before enrolling into CIT 111; OR Consent of Instructor.**
3. **MAT 65 must be completed before enrolling into a Level I Networking course (CIT 160 or 161); OR Consent of Instructor.**
4. **CIT 111 AND CIT 160 or 161 must be completed before beginning Microsoft Windows Course Sequence (CIT 213); OR Consent of Instructor.**
5. **CIT 111 AND CIT 160 must be completed before beginning Unix/Linux Course Sequence (CIT 217); OR Consent of Instructor.**
6. **CIT 161 must be completed before beginning Cisco Course Sequence (CIT 209); OR Consent of Instructor.**
5. **CIT 180 must be completed before completing CIT 182 (Security Sequence I); OR Consent of Instructor**
6. **(CIT 150 or CIT 155 or CIT 157), CIT 219 AND (CIT 213 AND CIT 214) OR (CIT 217 AND CIT 218) must be completed before beginning the Internet Servers Administration Course Sequence (CIT 253).**
7. Certificates may also be completed prior to or while earning an AAS degree. (Refer to MCTC's CIT Program Website) .
8. Students may only use a course with a grade of "C" or higher to fulfill a core or track graduation requirement or a certificate requirement.
3. Required minimum ACT , TABE, KYOTE or COMPASS placement scores for general education courses are listed below.

Network Technologies Specialist Certification Information

The **Network Technologies Specialist Certificate** offers students the opportunity to earn a credential demonstrating network technology competencies. This certificate consists of specialized networking classes that students need to effectively configure and maintain networks using network technologies specialist skills. In addition, this certificate will provide a way for professionals currently in the industry to update their network technologies specialist skills.

Upon completion of this Certificate program, the graduate can:

1. Describe communication protocols for computer networks.
2. Use a platform-specific network operating system to create and manage user accounts.
3. Use a platform-specific network operating system to share and secure resources.
4. Use a platform-specific network operating system to establish and maintain Internet connections.
5. Implement advanced network security measures.

	Math	Reading	Writing
ACT	19	20	18
COMPASS	ALG 25	85	74
KYOTE	CA 14 or higher	N/A	N/A
TABE	N/A	12.2-12.9	12.8.12.9

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Microsoft Platform		Credit Hours	Semester Taken
CIT 213	MS Client Configuration	3	
CIT 214	MS Server Configuration	3	
CIT 215	MS Server Administration	3	
CIT 216	MS Server Advanced Services	3	
	Other Microsoft networking courses as approved by Program coordinator		

UNIX/Linux Platform		Credit Hours	Semester Taken
CIT 217	UNIX/Linux Administration AND	3	
CIT 218	UNIX/Linux Net Infrastructure	3	
CIT 255	Web Server Administration	3	

Cisco Platform		Credit Hours	Semester Taken
CIT 167	Routing & Switching Essentials	4	
CIT 209	Scaling Networks	4	
CIT 212	Connecting Networks	4	

Data Center Platform		Credit Hours	Semester Taken
CIT 201	Information Storage Management	3	
CIT 203	Introduction to Virtualization	3	
CIT 204	VMWare Optimize and Scale	3	
CIT 205	Cloud Infrastructure and Services	3	