

Student Name: _____

Computer & Information Technologies: CISCO Networking Enhanced (24 - 25 Total Credit Hrs)

Maysville Community & Technical College

Open Admissions

Certificate

Terry Pasley, Program Coordinator

Phone: (606)-759-7141 ext. 66153 **Office:** A-300 Maysville Campus Admin. Building **Email:** terry.pasley@kctcs.edu

Academic Plan Code: 1101013379 **Academic Program Code:** ENTC

Certificate Requirements (24 - 25 Credit Hours)		Credit Hours	Semester Taken
<i>(Choose either CIT 161 OR CIT 162)</i>			
CIT 161	Network Fundamentals OR	4	
CIT 162	Home and Small Office Networks	4	
	Cisco Network Associate Track Course Sequence	12	
	Approved CIT Technical Courses	8 - 9	
Total		24 - 25	

****Choose (1) Specialization Sequence**

Cisco Network Associate – Exploration Specialization Sequence (12 Credit Hours)		Credit Hours	Semester Taken
CIT 210	Routing Protocols and Concepts	4	
CIT 211	LAN Switching and Wireless	4	
CIT 212	Accessing the WAN	4	
Sequence Subtotal		12	

Cisco Network Associate – Discovery Specialization Sequence (12 Credit Hours)		Credit Hours	Semester Taken
CIT 163	Small-Medium Office or ISP	4	
CIT 164	Intro to Routing and Switching	4	
CIT 165	Network Design and Support	4	
Sequence Subtotal		12	

Approved CIT Technical Courses (8 - 9 Credit Hours)		Credit Hours	Semester Taken

****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 **NOT** 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. (*Examples: Online registration, drop/add, or change of class sequence.*)
2. **MAT 65 AND CIT 111 must be completed before enrolling into either CIT 161 or CIT 162; OR Consent of Instructor.**
3. **CIT 161 must be completed before beginning Cisco Exploration Specialization Sequence (CIT 210); OR Consent of Instructor.**
4. **CIT 162 must be completed before beginning the Discovery Specialization Sequence (CIT 163); OR Consent of Instructor.**
5. Certificates may also be completed prior to or while earning an AAS degree. (Refer to MCTC's CIT Program Website).
6. In order to graduate and obtain a Certificate, a student must earn a minimum grade of "C" in ALL courses required by the Certificate.
7. Required minimum ACT or COMPASS placement scores are listed below:

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

CISCO Networking Associate Certificate Information

The **CISCO Networking Enhanced 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. The CISCO Networking Associate Certificate prepares students for the CCNA and Net+ exams which are recognized by the computer industry around the world.

Upon completion of this Certificate program, the graduate can:

1. Install, configure, operate, and troubleshoot medium-size Cisco route and switched networks.
2. Explain how the OSI (Open Systems Interconnection) model relates to development and troubleshooting of network communications.
3. Implement TCP/IP (Transmission Control Protocol/Internet Protocol) addressing and subnetting schemes.

Total Credit Hours: 24 - 25