

Student Name: _____

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

Maysville Community & Technical College

Open Admissions

Certificate

Sharon Staviski, Program Coordinator

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Academic Plan Code: 1101017089

Academic Sub Code: 1101013379

Academic Program Code: ENTC

Certificate Requirements (24-25 Credit Hours)		Credit Hours	Semester Taken
CIT 161	Intro to Networks	4	
	Cisco Network Associate Specialization Sequence	12	
	Approved CIT Technical Course	8-9	
Total		24-25	

Cisco Network Associate –		Credit Hours	Semester Taken
CIT 167	Routing & Switching Essentials	4	
CIT 209	Scaling Networks	4	
CIT 212	Connecting Networks	4	
Sequence Subtotal		12	

Approved CIT Technical Courses (8-9 Hrs) Choose (2 - 3) Courses)		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 290 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 209); 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. 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.
6. Required minimum ACT, TABE, KYOTE or COMPASS placement scores for general education courses are listed below.

	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

CISCO Networking Enhanced Certification 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