**Student Name:** 

# Computer & Information Technologies: Net+ (3 Total Credit Hrs)

Maysville Community & Technical College

Open Admissions Certificate

## **Terry Pasley, Program Coordinator**

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Academic Plan Code: 1101013399 Academic Program Code: ENTC

Certificate Requirements (3 Credit Hours)		Credit Hours	Semester Taken
CIT 160	Introduction to Networking Concepts	3	
	Total	3	

#### **Net+ Certificate Information**

The Net+ 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 Net+ Certificate prepares students for the CompTIA Network+ exam which is recognized by the computer industry around the world.

### Upon completion of this Certificate program, the graduate can:

- Plan and install a home or small business network and connect it to the Internet.
- Identify and explain the types of transmission media used for communications channels.
- **3.** Verify and troubleshoot network and Internet connectivity.
- Share resources such as files and printers among multiple computers.
- 5. Recognize and mitigate security threats to a home network.
- **6.** Configure and verify common Internet applications.
- 7. Configure basic IP services through a GUI.
- **8.** Explain the OSI 7-layer model.
- 9. Terminate cable and understand cable specifications.

**Total Credit Hours: 3** 

#### Notes:

- 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.)
- MAT 65 AND CIT 111 must be completed before enrolling into CIT 160; OR Consent of Instructor.
- Certificates may also be completed prior to or while earning an AAS degree. (Refer to MCTC's CIT Program Website).
- In order to graduate and obtain a Certificate, a student must earn a minimum grade of "C" in ALL courses required by the Certificate.
- 5. Required minimum ACT or COMPASS placement scores are listed below:

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

Rev. 11/2012