Student Name: _____

Computer & Information Technologies: Web Programming *(24 Total Credit Hrs)*

Maysville Community & Technical College — Open Admissions Certificate

Terry Pasley, Program Coordinator

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Academic Plan Code: 1101013439 **Academic Program Code:** ENTC

Certificate Requirements *(24 Credit Hours)*		Credit Hours	Semester Taken
CIT 120	Computational Thinking	3	
CIT 150	Internet Technologies	3	
CIT 155	Web Page Development	3	
CIT 157	Web Site Design and Production	3	
CIT 171	SQL I	3	
CIT 253	Data-Driven Web Pages: Topic	3	
	Approved Level I Web Programming Language Course	3	
	Approved Level II Web Programming Language Course	3	
	Total	**24**	

Approved Level I Web Programming Language *(Choose (1) Course)*		Credit Hours	Semester Taken
CIT 141	PHP I	3	
CIT 148	Visual Basic I	3	
CIT 149	Java I	3	

Approved Level II Web Programming Language *(Choose (1) Course)*		Credit Hours	Semester Taken
CIT 241	PHP II	3	
CIT 248	Visual Basic II	3	
CIT 249	Java II	3	

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 120; OR Consent of Instructor.**
3. **CIT 111 AND CIT 120 must be completed before enrolling into CIT 150; OR Consent of Instructor.**
4. **CIT 170 must be completed before enrolling into CIT 171; OR Consent of Instructor.**
   a. **MAT 150 is suggested as an approved Quantitative Reasoning course, which (in combination with CIT 105 Computer Literacy) must be completed before enrolling into CIT 170; 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

Web Programming Certificate Information

The Web Programming Certificate offers students the opportunity to earn a credential demonstrating web programming competencies. This certificate consists of the core skills that students need to effectively develop websites using web programming. In addition, this certificate will provide a way for professionals currently in the industry to update their web programming skills and for new students to show progress in the CIT program.

Upon completion of this Certificate program, the graduate can:

1. Use HTML and CSS in page layout.
2. Utilize principles of graphic and content creation for online media.
3. Design and develop integrated web database applications such as inventory, billing, and shipping.
4. Design and develop programs using primitive data types in a web programming language.
5. Create interactive web pages utilizing client side and server side scripting.

Total Credit Hours: 24