

The associate of applied science degree with specialization in app development is designed to train students in Web and mobile app development.

Transfer Information

For information regarding transfer opportunities for this, or any program, please visit the Transfer section of the MCCC website.

Note: The following codes identify courses that satisfy MCCC's General Education Requirements:

(C1) GE Natural Sciences Competency

(C2) GE Mathematics Competency

(C3) GE Writing Competency

(C4) GE Computer Literacy Competency

(C5) GE Human Experience Competency

(C6) GE Social Systems Competency

	Credits
Requi	red General Education Courses 19-20
C1	Natural Science Competency 4
C2	Mathematics Competency 3 or 4
C3	ENGL 151 (English Composition I)
C4	CIS 130 (Introduction to Computer
	Information Systems)
C5	Expressions of the Human Experience Competency 3
C6	Social Systems Competency

See the General Education Requirements on the MCCC website for a list of courses that satisfy the General Education Learning Competencies.





	Credits
Required Core Courses	29
CIS 112 (Database Software)	
CIS 130 (Introduction to Computer Information System	
CIS 150 (Computer Science I)	
CIS 153 (Desktop App Development)	
CIS 183 (Mobile App Development)	
CIS 184 (Photoshop Graphics)	
CIS 209 (Network Concepts)	3
CIS 212 (Full Stack Development)	
IAS 103 (Information Security Principles)	3
Additional Required CIS or IAS Courses	3
General Elective Courses (As required to complete 60 hours)	11-12

Total Degree Requirements 60 credits
Total Degree Cost 61 minimum billable
contact hours

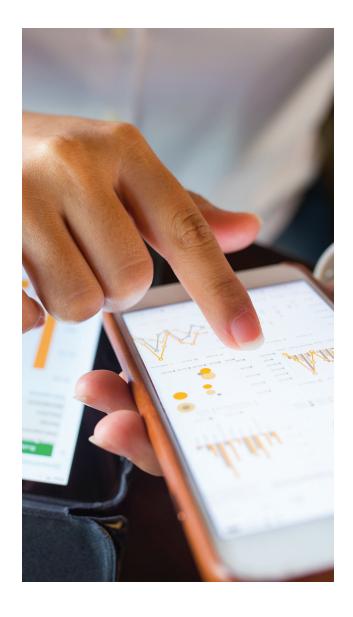
Certificate Program: App Development

This certificate program focuses on Web and mobile app development.

Required Courses	Credits
CIS 112 (Database Software)	3
CIS 130 (Introduction to Computer Information Syste	ms)3
CIS 150 (Computer Science I)	4
CIS 153 (Desktop App Development)	3
CIS 183 (Mobile App Development)	
CIS 184 (Photoshop Graphics)	3
CIS 209 (Network Concepts)	3
CIS 212 (Full Stack Development)	3
IAS 103 (Information Security Principles)	3

Total Certificate Requirements 29 credits

Total Certificate Cost 29 minimum billable contact hours



Information contained within this document is subject to change. This program sheet may not be considered as an agreement or contract.

Monroe County Community College is an equal opportunity institution and adheres to a policy that no qualified person shall be discriminated against because of race, color, religion, national origin or ancestry, age, gender, marital status, disability, genetic information, sexual orientation, gender identity/expression, height, weight or veteran's status in any program or activity for which it is responsible. If you have a disability and need special accommodations, please contact the Student Success Center (734.384.4167) at least 10 business days prior to the first class session to begin the accommodation process.

The college's Equal Opportunity Officer and Title IX and Section 504/ADA Coordinator and Compliance Officer for discrimination and sexual harassment is the Director of Human Resources, Monroe County Community College, 1555 South Raisinville Road, Monroe, Michigan 48161, 734.384.4245.

Monroe County Community College is accredited by the Higher Learning Commission, www.hlcommission.org, 800.621.7440.

Main Campus

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www.monroeccc.edu Admissions: 734-384-4104



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