COMPUTER INFORMATION SYSTEMS - MOBILE DEVICE APPLICATION DEVELOPMENT, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6619

Effective May 2023

Division of Engineering, Business and Information Technologies (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/)

The short-term technical certificate in mobile device application development prepares students to design and develop applications for modern mobile computing platforms including the iPhone/iPad and Android phones and tablets. Students also learn to write web-based applications specifically targeted at mobile devices. A course in entrepreneurship is included to promote the entrepreneurial aspect of mobile application development. The credits earned for this certificate may be applied to an associate of applied business degree in mobile device application development.

This certificate is designed for those with previous professional software development experience (including web design) or those with an existing AAB or BS degree that includes significant coursework in programming (Java, C#, or C++) and web design. The prerequisite courses for the courses in this certificate are met by those students already holding an AAB degree in software development or web development from Lorain County Community College. All other students will be required to fulfill the prerequisite requirements by either taking the prerequisite courses or by requesting prerequisite waivers for the missing courses and providing evidence of past education or experience to satisfy those prerequisites.

Preferred Sequence

First Semester		Hours
CISS 264	INTRODUCTION TO ANDROID PROGRAMMING [1,2]	3
CISS 268	MOBILE WEB DEVELOPMENT [1]	4
ENTR 200	ENTREPRENEURSHIP	3
	Hours	**10**
Second Semester		
CISS 260	INTRODUCTION TO IPHONE/IPAD PROGRAMMING [1]	4
CISS 266	ADVANCED ANDROID PROGRAMMING [1]	4
	Hours	**8**
	Total Hours	**18**

[1]

Indicates that this course requires a prerequisite.

[2]

This course offers an opportunity for experiential learning.

Program Contact(s):

Michael Zellers
440-366-4796
mzellers@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/).

More program information can be found on our website. (https://www.lorainccc.edu/it/programming-and-software-development/mobile-device-application-development-short-term-certificate/)

Program Learning Outcomes

1. Design applications for smart-phone and tablet platforms
2. Learn basic principles in complimentary I.T. areas such as business computer applications, database, operating system, and networking fundamentals