

Mobile Web App Development Certificate of Achievement - Active

Department: Computer Networking & Information Technology

Approval: November 2018

Effective Semester: Fall 2019

The program of study for the Certificate of Achievement in Mobile Web App Development includes instruction and practice in the development of websites and web apps for mobile devices. This course of study prepares students for adapting and/or creating websites, web apps, and hybrid apps that are able to work well in mobile devices.

Learning Outcomes

Upon completion of this program, students will be able to:

- Use front-end web development techniques to develop websites, or web apps, or hybrid applications for different platforms (desktop and mobile devices)
- Evaluate, select, and use appropriate tools to convert/adapt and test websites for mobile devices
- Apply the different available solutions to build web apps or hybrid web apps

The minimum time for completion of this certificate is 2 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

Courses Required for the Certificate of Achievement in Mobile Web App Development

Course	Units
Required courses:	
CNIT 131H - Introduction to HTML and CSS	1.00
CNIT 132 - Intermediate HTML and CSS	3.00
CNIT 133 - JavaScript, jQuery, AJAX	3.00
CNIT 133M - Mobile Web w/HTML, CSS & JS	3.00
CNIT 134 - Server Side Technologies for the Web	3.00
Total:	13.00
Choose one of the following courses:	
CNIT 131A - XML and JSON	3.00
CNIT 113 - Technology of Smartphones & Mobile Devices	3.00
Total:	3.00
Total:	16.00

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