

# MOBILE APP FOUNDATIONS (CERTIFICATE)

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*Art, Design and Performing Arts*

Program website (<https://www.harpercollege.edu/academics/arts/web-development/mobile-app-certificate.php>)

## Program Overview

This 30 credit-hour certificate program provides a background in mobile app foundations. Individuals seeking entry-level positions in this field will learn technology behind today's mobile app protocols by developing professional mobile apps. This program will also be useful to individuals whose job scope has expanded to include mobile technology responsibilities.

## Program Requirements

Code	Title	Hours
CIS 106	Computer Logic and Programming Technology <sup>1</sup>	3
CIS 143	Introduction to Database Systems	3
CIS 211	IT Project Management	3
GRA 145	Wordpress and Mobile Technologies <sup>2</sup>	3
MKT 243	Social Commerce and Sales	3
WEB 110	Internet Fundamentals	3
WEB 140	Mobile Apps	3
WEB 150	Web Foundations	3
WEB 170	Web UX Fundamentals and Prototyping	3
WEB 210	Web Accessibility	3
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> This course requires math placement in MTH 101 or higher. <https://www.harpercollege.edu/testing/mathplacement.php>

<sup>2</sup> This course has a prerequisite of GRA 101 or WEB 110 or WEB 150 with a grade of C or better. For this certificate, students must take WEB 110 or WEB 150.

## Program Learning Outcomes

- Apply web design and development skills and standards
- Identify mobile app protocols
- Define industry mobile technology responsibilities
- Demonstrate ways to translate services into mobile
- Compare mobile as a business tool to other tools (needs clarity here what other tools)
- Identify and apply project management strategies
- Understand social commerce and usage of major social platforms for mobile
- Develop professional mobile apps