

# MOBILE APPLICATION DEVELOPMENT CERTIFICATE

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## Contact

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Faculty List (<https://coursecatalog.syracuse.edu/undergraduate/professional-studies/>)

## Description

Mobile application development is a rapidly growing field. Technologies such as mobile gaming, machine learning, biometrics, and more rely on mobile application developers. This certificate will prepare you to develop an application for both Android or iOS operating systems. Students will go through the development process and build their own applications from the ground up. There will also be an opportunity to use the Android Software Development Kit and Apple's XCode for creating mobile applications that can be brought to the mobile marketplace. Programming experience in object-oriented programming languages like C, Java, or C# is not required but can be beneficial.

## Admission

30 college credits.

## Student Learning Outcomes

1. Design a system, component, or process to meet desired outcomes within realistic constraints.
2. Analyze and evaluate programming applications to ensure they are accurate, efficient, and meet required outcomes.
3. Exhibit the ability to identify, formulate and solve problems.

## Requirements

15 Credits

Code	Title	Credits
SCP 220	Basic Principles of Computer Programming	3
SCP 350	Introduction to HTML/CSS	3
SCP 355	Introduction to Javascript/jQuery	3
SCP 360	Introduction to Mobile Applications	3
SCP 445	Cross Platform Mobile Application Deployment	3
<b>Total Credits</b>		<b>15</b>

The certificate is administered by the College of Professional Studies. Each student should consult with their Academic Advisor to ensure certificate completion.