



Course Name: Mobile App Coding – ITEC 4065

Prerequisite: None

Course Description: This course covers the fundamental programming principles for mobile devices.

The software architecture and user experience considerations underlying handheld software

applications and their development environments will be investigated. Concepts will be reinforced by hands-on programming assignments, which will be run on a current mobile platform.

Textbook and Resources:

TBD

Learning Outcomes

Upon completion of this course, the student will be able to:

- Understand the meaning and uses of mobile computing
 - Evaluate major mobile operating systems
 - Explain how businesses use mobile applications
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- Describe the basic structures and components of mobile app coding
 - Demonstrate basic skills of using an integrated development environment for mobile app coding

Tentative Course Schedule and Outline

<i>Class/Date</i>	<i>Activities</i>
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