

# Short-Term Certificate (APP DEVELOPMENT WITH SWIFT) (IT6)

Fayette, Hamilton, & Sumiton Campuses

**Program:** Computer Science (IT)

**Type:** Short-Term Certificate

The App Development with Swift Short-Term Certificate Program will provide students with the knowledge, fundamentals, and skills needed to develop apps for various types of Apple products using the Swift programming language. Students will learn how to build simple workflows and navigation hierarchies; write strings, functions, structures, collections, and loops to create programming code; design and create apps using the Xcode development environment to build and run projects using its iOS simulator; design and create graphics for app design; and design and architect projects for their own design. The curriculum was designed by Apple for students with no prior programming experience and is appropriate for students from many majors.

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
CIS 157	Introduction to App Development with Swift	3
CIS 159	Introduction to Graphic Design for Apps	3
CIS 220	App Development with Swift I	3
CIS 227	App Development with Swift II	3
<b>Sub-Total Credits</b>		<b>13</b>
Total credits for degree:		13