

MOBILE APPLICATION DEVELOPER, SKILLS COMPETENCY AWARD (SCA)

Overview

Learn to develop applications for popular platforms such as iOS and Android. The Mobile Application Developer Skills Competency Award provides students with skills needed to develop exciting user interfaces that access Internet-based data.

Requirements

Skills Competency Award Requirements

Complete all Major Requirements with a "C" or higher or "P" in each course. Candidates for a Skills Competency Award are required to complete at least 20% of the major requirements through SBCC.

Code	Title	Units
Major Requirements		
Required Core		
CS 105	Theory and Practice I	3
CS 111	HTML And Webmastering	3
CS 116	Web Server Programming	3
CS 123	Android Programming	1.5
CS 187	iOS Programming	3
Total Units		13.50

Learning Outcomes

1. Design and implement applications for the following mobile device platforms: Java ME, Microsoft Mobile, Flash Lite, and WML.
2. Develop applications that access XML documents and web services.
3. Develop games for mobile devices.
4. Develop graphical user interfaces that include form widgets and animations.
5. Deploy applications to mobile devices in a secure manner, via cable connection or over-the-air (OTA).
6. Create and deploy web services that are designed for consumption by mobile devices.