



Course Competency Report by Code

Code: C196

Mobile Application Development (C196)

Course of Study: C196 - Mobile Application Development
Course Level: Undergraduate
Course Division: Upper Division Major
Discipline: Information Technology
Course Type:
Department: Information Technology

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
4026.1.1	Introduction to Mobile Development	The graduate explains mobile development, develops a simple mobile application using the IDE, documents debugging the mobile application, and describes how to use an emulator.
4026.1.2	Activity Lifecycle	The graduate describes the Activity lifecycle in the mobile application, and creates and links an activity.
4026.1.3	User Interfaces and Handling User Input	The graduate creates a user interface and describes how to handle user input.
4026.1.4	Saving Data	The graduate explains ways to save data in a mobile application, and creates a data base in a mobile application.
4026.1.5	Sharing Information	The graduate explains how to share information in mobile applications and creates a user-defined content provider.
4026.1.6	Supporting Different Devices	The graduate describes how to utilize the available hardware and services available in different devices.
4026.1.7	Deploying Mobile Application	The graduate describes mobile application deployment and prepares and application for deployment.