

ANDROID COURSE SYLLABUS

CHAPTER 1: Introduction to Android.
Smartphone features.

CHAPTER 2: Installing the SDK.
Creating Android Emulator.
Installing Eclipse.
Installing Android development tools.
Choosing which Android version to use.

CHAPTER 3: Android Life cycle.
Android applications structure.

CHAPTER 4: Creating a project.
Working with android manifest.XML
Various controls.
Layouts

CHAPTER 5: Text controls
Button controls
Images
Supporting Multiple Screen

CHAPTER 6: Activities.
Application context.
Intent
WebView.

CHAPTER 7: List View.
Spinner
AutoComplete Textview.
MultiAutoComplete Textview.

CHAPTER 8: Toast.
Dialogue Notification.
Statusbar Notification.

CHAPTER 9: Option Menu.
Context Menu.
Google Map.



CHAPTER 10: File .

SharedPreferences.

Database(SQLite database)

Creation of .apk files.

CHAPTER 11: Web services.

HTTP client.

XML and JSON.