

Exam 1

- **Date/Time: Oct. 1, Wednesday, 3:00-4:00PM**
- **Open books, notes**
- **Question Format: Multiple choice, Q/As**

Coverage Areas:

Lecture Notes

- Lecture Note 1 – An Overview of Mobile Computing Systems and Applications
- Lecture Note 2 – Mobile Networking and Communication Infrastructures and Technologies
- Lecture Note 3 – Smartphone and Oss, Development Tools, and Android Application Framework
- Lecture Note 4 – Mobile Enterprise Strategies and Solutions
- Lecture Note 5 – Android App Development and Design Patterns
- Lecture Note 6 – Highlights of Android Code Segments (Hour 2 samples)
- Lecture Note 7 – Mobile Application Data, Data Modeling, Business Process Modeling
- Lecture Note 8 – Java Multi-Threading

Book 1: Android Application Development in 24 hours

- Hour 1 Getting Started: Creating a Simple App
- Hour 2 Understanding an Android Activity
- Hour 3 Exploring an Android Project and Resources
- Hour 4 Not Just Smartphones: Supporting Tablets, TVs, and More
- Hour 5 Using Layouts
- Hour 6 Working with Basic UI Controls
- Workshop – Quiz
- Book examples Classes, Usages

Book 2: The Android Developer's Cookbook

- 1. Overview of Android
- 2. Application Basics: Activities and Intents
- 3. Threads, Services, Receivers, and Alerts