Fall 2015

CSCI 4661

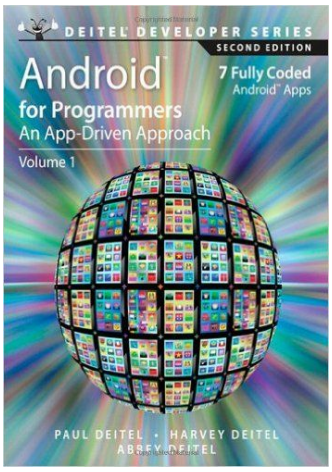
Daniel Ray Ward
University of New Orleans

CSCI 4661: Mobile Applications with Android

Fall 2015

Instructor:

Daniel Ward
Office: CERM 217/Math 320
Office Hours: T-Th 5-6pm
Email: drward3@uno.edu
** Other hours are by appointment*



Suggested Prerequisite:

Credit in CSCI 2467 and CSCI 4401

Meeting:

T, Th 6:00 - 7:15 PM
Location: Math 320

Textbook:

Android for Programmers: An AppDriven Approach (2nd Edition)
Prentice Hall
9780133570922

Description:

Introduction to programming applications for the Android platform. The course explores the key concepts of Android application programming. Students will learn about the UI system, activity lifecycle, sensors, networking, threading, and application compatibility.

Student Learning Outcomes:

Upon completion of this course students will be able to apply good programming practices to create a complete Android application that can be published in the Google Play Store. In addition student will learn how to interact with web based APIs and 3rd party services to enhance the engagement value of their applications.

Topics:

Android Development Tools
Android UI system
Activity lifecycle
Sensors
Networking
Asynchronous tasks
Notifications
Animations
Performance analysis
Application publication

Exams:

There will be a written midterm exam that will make up 20% of the final grade.
The final exam will be a two part exam, with a written exam in class (20%). The second part will be project that will be assigned during the course of the semester (20%).

Homework:

Homework will be small projects. The goal will to be have a project every 2 weeks.

Labs:

There will be some hands on labs, which will be used to determine the level of understanding students have attained during the course of the semester.

Grading:

Attendance	10%
Homework projects	30%
Labs	10%
Midterm project	20%
Final project	30%

Academic Integrity:

Students are expected to conduct themselves according to the principles of academic integrity as defined in the statement on Academic Dishonesty in the UNO Student Code of Conduct. Any student or group found to have committed an act of academic dishonesty shall have their case turned over to the Office of Student Accountability and Advocacy for disciplinary action which may result in penalties as severe as indefinite suspension from the University. Academic dishonesty includes, but is not limited to: cheating, plagiarism, fabrication, or misrepresentation, and being an accessory to an act of academic dishonesty.

Accommodations for Students with Disabilities:

It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students who seek accommodations for disabilities must contact the Office of Disability Services prior to discussing their individual needs for accommodation with their instructors.