**COLLIN COLLEGE**

**COURSE SYLLABUS**

Course Information

**Course Number:** ITSE 1373

**Course Title:** Android Mobile Programming I

**Course Description:** This course introduces mobile application development for the Android platform. Students will learn how to design, develop, test, and debug mobile Android applications. Topics include the Android Software Development Kit (SDK), design principles, application structure, and current issues in programming mobile devices.

**Course Credit Hours:** 3
 Lecture Hours: 3
 Lab Hours: 1

**Prerequisite:** COSC1337 or consent of Associate Dean

**Student Learning Outcomes:** Upon successful completion of this course, the student should be able to:

1. Use the Android Software Development Kit (SDK) and Java libraries to develop Android applications on an Android emulator
2. Design and create graphical user interfaces for the Android
3. Debug and test advanced Android applications
4. Create documentation for Android applications
5. Describe the difference between the mobile development process and traditional desktop development process

**Withdrawal Policy:** See the current *Collin Registration Guide* for last day to withdraw.

**Collin College Academic Policies:** See the current *Collin Student Handbook.*

**Americans with Disabilities Act Statement:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.