



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Android Development I  
**Course Number:** CSE221

### Required Materials

**Textbook(s):** Android Boot Camp for Developers Using Java, Third Edition, Author: Corinne Hoisington  
 ISBN: 978-1-305-85799-5

**Required Readings:** None

**Additional Materials:** A computer that can install and run Android Studio

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	Topic: Meet the Android and Setting Up the Development Environment <ul style="list-style-type: none"> <li>• Reading Assignment: Preface &amp; Chapter 1 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 1</li> </ul>
Week 2	Topic: The Android User Interface <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 2 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 2</li> </ul>
Week 3	Topic: Themes, User Input, Variables and Operations <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 3 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 3</li> </ul>
Week 4	Topic: Multiple Activities and User Input Continued <ul style="list-style-type: none"> <li>• Reading Assignment: Items in Materials folder</li> <li>• Assigned: Quiz 1, Assignment 4</li> </ul>
Week 5	Topic: Icons and Decision-Making Controls <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 4 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 5</li> </ul>
Week 6	Topic: Lists, Arrays, and Web Browsers <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 5 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 6</li> </ul>
Week 7	Topic: Android Devices <ul style="list-style-type: none"> <li>• Reading Assignment: Items in Materials folder</li> <li>• Assigned: Device Discussion Forum, Study for Midterm</li> </ul>

<b>Week</b>	<b>Chapter/Topic/Lab</b>
Week 8	Topic: Midterm and Implementing Audio <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 6 in textbook, Items in Materials folder</li> <li>• Assigned: Midterm, Assignment 7</li> </ul>
Week 9	Topic: Displaying Pictures in a GridView <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 7 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 8</li> </ul>
Week 10	Topic: Designing for a Tablet and Using a DatePicker <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 8 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 9</li> </ul>
Week 11	Topic: Creating Animation <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 10 in textbook, Items in Materials folder</li> <li>• Assigned: Quiz 2, Assignment 11</li> </ul>
Week 12	Topic: Persistent Data <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 11 in textbook, Items in Materials folder</li> <li>• Assigned: Assignment 12</li> </ul>
Week 13	Topic: Debugging <ul style="list-style-type: none"> <li>• Reading Assignment: Items in Materials folder</li> <li>• Assigned: Quiz 3</li> </ul>
Week 14	Topic: Publishing an App <ul style="list-style-type: none"> <li>• Reading Assignment: Chapter 12 in textbook, Items in Materials folder</li> <li>• Assigned: Publishing Discussion Forum</li> </ul>
Week 15	Topic: Introduction to the Kotlin programming language <ul style="list-style-type: none"> <li>• Reading Assignment: Items in Materials folder</li> <li>• Assigned: Kotlin Assignment, Study for Final Exam</li> </ul>
Week 16	Topic: Final Exam