



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Mobile Development Architecture
Course Number: CSE121

Required Materials

Textbook(s): Mobile Design & Pattern Gallery 2nd Edition – Theresa Neil (ISBN: 9781449363635)
Required Readings: None
Additional Materials: You will need the ability to download free software onto your computer as needed throughout the course.

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.

16-week Calendar

Week	Chapter/Topic/Lab
Week 1	Topic: Introduction to Pencil Project Software <ul style="list-style-type: none"> • Assigned Reading: All materials in the “Start Here” folder , Contents of the Materials folder • Assigned: Week 1 Assignment, Introduction Discussion Post • Activity: Download Pencil Project
Week2	Topic: Development Lifecycle / Mobile Development Platforms <ul style="list-style-type: none"> • Assigned Reading: Contents of the Materials Folder • Assigned: Week 2 Quiz
Week 3	Topic: Navigation <ul style="list-style-type: none"> • Assigned Reading: Chapter 1 in Mobile Design Pattern Gallery, Contents of the Materials Folder • Assigned: Week 3 Assignment , Week 3 Quiz
Week 4	Topic: Forms <ul style="list-style-type: none"> • Assigned Reading: Chapter 2 in Mobile Design Pattern Gallery, Contents of the Materials Folder • Assigned: Week 4 Assignment, Week 4 Quiz
Week 5	Topic: Tables / Searching, Sorting & Filtering <ul style="list-style-type: none"> • Assigned Reading: Chapter 3 & 4 in Mobile Design Pattern Gallery, Contents of the Materials Folder • Assigned: Week 5 Assignment, Week 5 Quiz
Week 6	Topic: Charts <ul style="list-style-type: none"> • Assigned Reading: Chapter 6 in Mobile Design Pattern Gallery, Contents of the Materials Folder • Assigned: Week 6 Assignment, Week 6 Quiz
Week 7	Topic: Tutorials and Invitations <ul style="list-style-type: none"> • Assigned Reading: Chapter 7 in Mobile Design Pattern Gallery text, Contents of the Materials Folder • Assigned: Week 7 Assignment, Week 7 Quiz

Week	Chapter/Topic/Lab
Week 8	Topic: Social Patterns / Feedback and Affordance <ul style="list-style-type: none"> Assigned Reading: Chapter 8 & 9 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 8 Assignment, Week 8 Quiz
Week 9	Topic: Anti-Patterns <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 9 Discussion Forum, Midterm Exam
Week 10	Topic: Mobile Web Development <ul style="list-style-type: none"> Assigned Reading: Chapter 11 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 10 Assignment
Week 11	Topic: Beta Testing <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 11 Quiz
Week 12	Topic: Source Control <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 12 Assignment
Week 13	Topic: Making Money in Mobile <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 13 Assignment, Week 13 Quiz
Week 14	Topic: Making Money in Mobile <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 14 Discussion Forum, Week 14 Quiz
Week 15 & 16	Topic: Final Project <ul style="list-style-type: none"> Assigned: Final Project

8-week Calendar

Week	Chapter/Topic/Lab
Week 1	Topic: Introduction to Pencil Project Software <ul style="list-style-type: none"> Assigned Reading: All materials in the "Start Here" folder , Contents of the Materials folder Assigned: Week 1 Assignment, Introduction Discussion Post Activity: Download Pencil Project Topic: Development Lifecycle / Mobile Development Platforms <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 2 Quiz
Week 2	Topic: Navigation <ul style="list-style-type: none"> Assigned Reading: Chapter 1 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 3 Assignment , Week 3 Quiz Topic: Forms <ul style="list-style-type: none"> Assigned Reading: Chapter 2 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 4 Assignment, Week 4 Quiz
Week 3	Topic: Tables / Searching, Sorting & Filtering <ul style="list-style-type: none"> Assigned Reading: Chapter 3 & 4 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 5 Assignment, Week 5 Quiz Topic: Charts <ul style="list-style-type: none"> Assigned Reading: Chapter 6 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 6 Assignment, Week 6 Quiz
Week 4	Topic: Tutorials and Invitations <ul style="list-style-type: none"> Assigned Reading: Chapter 7 in Mobile Design Pattern Gallery text, Contents of the Materials Folder Assigned: Week 7 Assignment, Week 7 Quiz

	<p>Topic: Social Patterns / Feedback and Affordance</p> <ul style="list-style-type: none"> Assigned Reading: Chapter 8 & 9 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 8 Assignment, Week 8 Quiz
Week 5	<p>Topic: Anti-Patterns</p> <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 9 Discussion Forum, Midterm Exam <p>Topic: Mobile Web Development</p> <ul style="list-style-type: none"> Assigned Reading: Chapter 11 in Mobile Design Pattern Gallery, Contents of the Materials Folder Assigned: Week 10 Assignment
Week 6	<p>Topic: Beta Testing</p> <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 11 Quiz <p>Topic: Source Control</p> <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 12 Assignment
Week 7	<p>Topic: Making Money in Mobile</p> <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 13 Assignment, Week 13 Quiz <p>Topic: Making Money in Mobile</p> <ul style="list-style-type: none"> Assigned Reading: Contents of the Materials Folder Assigned: Week 14 Discussion Forum, Week 14 Quiz
Week 8	<p>Topic: Final Project</p> <ul style="list-style-type: none"> Assigned: Final Project