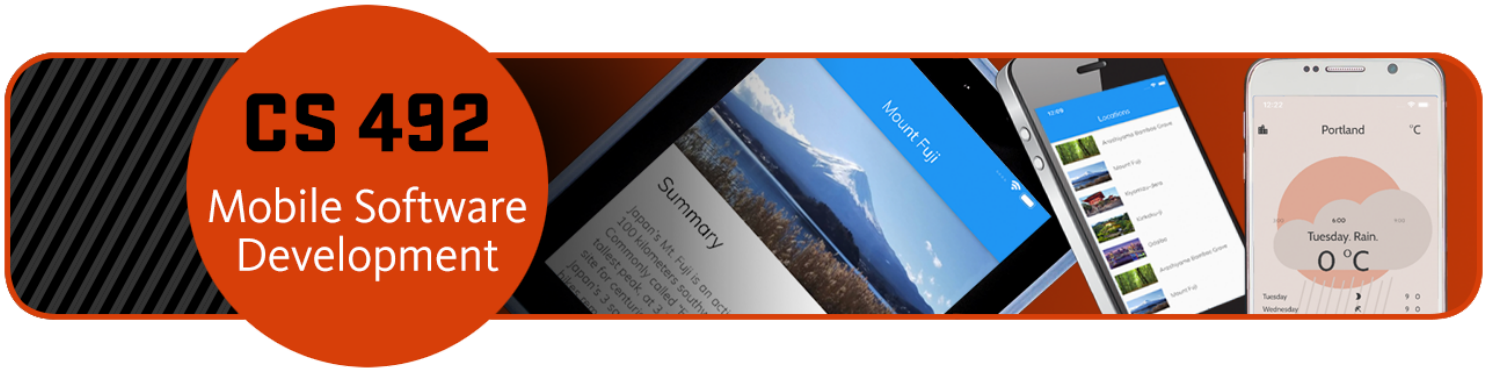
Course Syllabus



>>> Take the **Syllabus Quiz (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912705)** ASAP <<<

Please note that some content linked on this page may only be available to registered students.

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Read Me First

Course Outline By Week

Before term starts / Week 0

1. **Syllabus Quiz (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912705)**

Week 1

1. Watch, read, and work through **Unit 1 - Your First Android App (https://developer.android.com/courses/android-basics-compose/unit-1)** in the course site
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 1
3. Complete **Assignment 1: Simple Android App in Kotlin (https://canvas.oregonstate.edu/courses/1970688/assignments/9466572?wrap=1)**

4. Complete **Quiz 1 (https://canvas.oregonstate.edu/courses/1970688/assignments/9466569)** , covering key topics of Unit 1

Week 2

1. Watch, read, and work through **Unit 2 - Building App UI (https://developer.android.com/courses/android-basics-compose/unit-2)**
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 2
3. Complete **Assignment 2: Simple Interactive App (https://canvas.oregonstate.edu/courses/1970688/assignments/9466573?wrap=1)**
4. Complete **Quiz 2 (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912703)** , covering key topics of Module 2

Week 3

1. Watch, read, and work through **Module 3 - Display lists and use Material Design (https://canvas.oregonstate.edu/courses/1970688/modules/3102308?wrap=1)**
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 3
3. Complete **Assignment 3: Building a scrollable list (https://canvas.oregonstate.edu/courses/1970688/assignments/9466574?wrap=1)**
4. Complete **Quiz 3 - Display lists and use Material Design (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912700?wrap=1)** , covering key topics of Module 3

Week 4

1. Watch, read, and work through **Module 4 - Application and App Architecture (https://canvas.oregonstate.edu/courses/1970688/modules/3102309?wrap=1)**
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 4
3. Begin **Assignment 4: Building a Multi-screen App (https://canvas.oregonstate.edu/courses/1970688/assignments/9466575?wrap=1)**
4. Complete **Quiz 4 - Application and App Architecture (https://canvas.oregonstate.edu/courses/1970688/assignments/9466567?wrap=1)** , covering key topics of Module 4

Week 5

1. Watch, read, and work through **Module 5 - Connect to the internet (https://canvas.oregonstate.edu/courses/1970688/modules/3102310?wrap=1)**
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 5
3. Complete **Assignment 4: Building a Multi-screen App (https://canvas.oregonstate.edu/courses/1970688/assignments/9466575?wrap=1)**
4. Complete **Quiz 5 - Connect to the internet (https://canvas.oregonstate.edu/courses/1970688/assignments/9466563?wrap=1)** , covering key topics of Module 5

Week 6

1. Watch, read, and work through **Module 6 - Data Persistence** (https://canvas.oregonstate.edu/courses/1970688/modules/3102311?wrap=1)
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 6
3. Begin **Assignment 5: Data Persistence** (https://canvas.oregonstate.edu/courses/1970688/assignments/9466576?wrap=1)
4. Complete **Quiz 6 - Data Persistence** (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912701?wrap=1) , covering key topics of Module 6

Week 7

1. Watch, read, and work through **Module 7 - WorkManager** (https://canvas.oregonstate.edu/courses/1970688/modules/3102312?wrap=1)
2. Watch the lecture videos in the Explorations corresponding to the key sections of Unit 7
3. Complete **Assignment 5: Data Persistence** (https://canvas.oregonstate.edu/courses/1970688/assignments/9466576?wrap=1)
4. Complete (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912701?wrap=1) **Quiz 7 - WorkManager** (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912699?wrap=1) , covering key topics of Module 7

Week 8

1. Watch, read, and work through **Module 8 - Sensors and Location Services** (https://canvas.oregonstate.edu/courses/1970688/modules/3102314?wrap=1)
2. Review the primary topics in the Explorations for future investigation and implementation in your own apps
3. Begin **Assignment 6: Mobile Treasure Hunt (Portfolio project)** (https://canvas.oregonstate.edu/courses/1970688/assignments/9469907)
4. Complete **Quiz 8 - Android Sensors and Location Services** (https://canvas.oregonstate.edu/courses/1970688/quizzes/2918959) (https://canvas.oregonstate.edu/courses/1970688/quizzes/2912699?wrap=1) , covering key topics of Module 8

Week 9

1. Watch, read, and work through **Module 9 - Maps SDK** (https://canvas.oregonstate.edu/courses/1970688/modules/3109925)
2. Review the primary topics in the Explorations for future investigation and implementation in your own apps
3. There is no Quiz for this module
4. Participate in the **Extra-Credit Discussion - SWOT Analysis** (https://canvas.oregonstate.edu/courses/1970688/discussion_topics/10499586)

5. Continue working on **Assignment 6: Mobile Treasure Hunt (Portfolio project) (https://canvas.oregonstate.edu/courses/1970688/assignments/9469907)**

Week 10

1. Watch, read, and work through **Module 10 - Firebase (https://canvas.oregonstate.edu/courses/1970688/modules/3109926)**
2. Review the primary topics in the Explorations for future investigation and implementation in your own apps
3. There is no Quiz for this module
4. Complete **Assignment 6: Mobile Treasure Hunt (Portfolio project) (https://canvas.oregonstate.edu/courses/1970688/assignments/9469907)**

Finals Week

1. There are no exams or finals in this course. You're done!