**Background**

iPhone/iPad Fall semester  
Android Spring semester

Cover building native apps

- iPhone - Objective C/Swift  
  Cover Objective C/Swift
- Android - Java  
  Don't Cover Java

Assume programming background

Not for Web developers
Content

Assume no background in app development

10 - 12 weeks

Cover basics of App development

Tools API Not much UI design

4-5 programming assignments
Course Project

Students do individual projects

3 - 4 weeks

Students need help finding project ideas

Project suggestions welcome
Past Projects

Expense Tracker

Find the SDSU location Game

Mission Trails Park

Workout Tracker

Baby Health Tracker

Sports Event Planner

Sports Schedule
CES Courses

Courses run through CES $1182 fee

In class & on-line versions

About 40 students

1/3 - 1/4 off campus students

Web Mobile Development Certificate
Dr. Roger Whitney
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