

Mobile Apps Development for Journalists

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University of Texas at Austin
School of Journalism

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About this Class

- Came from the Spring Semester CS/ Journalism News Apps class with Robert Quigley
- Teach Journalism Students app development
- This is a programming class

Office Hours

- I'll have office hours on Tuesdays before class (4:00pm-4:50pm)
- Journalism Cubicles

Class Structure

- Students will form two-person (or three-person) teams to work on assignments for the whole semester
- Learn how to program iPhone Apps
- Building a fun map app for current events, politics, sports, geography, etc as the final assignment.

Using Canvas

- This class uses Canvas for assignments and grades
- Syllabus and Class Schedule
- <https://utexas.instructure.com/>

Assignment Overview

- Assignment 1 - Reviewing existing news mobile apps
- Assignments 2-4 - Programming assignments to learn skills for building iPhone apps
- Assignment 5 - Building a map app

Assignment Policy

- Assignments due before class starts (5:00pm)
- Programming assignments are due on Thursdays - the Tuesday before each assignment will be lab time for programming

Late Policy

- All assignments turned in after deadline (the start of class) will be marked down 10 percentage points for the first 24 hours after the due time and then 10 percentage points for every 24 hours after that.

Mobile Development

- Mobile Web
- Responsive Design
- Native Mobile Apps

Mobile App Ecosystems

- iOS - iPhone, iPad
- Android - phones, tablets, watches, TV
- Windows - phones, tablets, desktops
- Others - Blackberry, Firefox OS

Developing for iOS

- Need a Mac (either your own or the lab)
- We'll be using XCode 7
- Your laptops will need a recent version of OS X
- Large download (don't do it over UT Wifi)
- Apple Developer Account registration (Free)

Books/Resources/Help

- This class does not have an assigned book, as printed books don't keep up with the latest versions of the software
- <https://www.raywenderlich.com/>
- <http://appcoda.com/>
- <http://stackoverflow.com/>