**IOS 101: Crash Course Live - iOS App Development**

**About this Course**

Welcome to Crash Course Live: iOS App Development.

In this course we will learn about the Xcode environment and the Swift language by building a fully deployable app together. This course is for beginners, no coding experience needed.

The idea of this course is to give us a flavor of what it’s like to develop an app by building a fairly complex app together. We are building a small version of the iPhone music player app, and then we will deploy it to our phones.

We will go from zero knowledge of building apps and programming to having the experience of developing a fully deployed app by the end of the course.

The goal is to gain hands-on experience with app building so that we can apply that knowledge to our own apps. And most importantly we will have a lot of fun in the process!

**What you we will learn**

*Section 1: Getting Started With Xcode 7 and Swift 2*

--Become comfortable working with the Xcode environment.

--How to work with ViewController, Stroyboard, and IBOutlets.

*Section 2: Swift 2 Programming Basics with Swift*

--How to use basic variables

--Basic object oriented programming

--Functions, arrays, conditionals, loops.

*Section 3: Xcode UI Design*

--How to use Auto Layout and Constraints

--How to incorporate Assets into our projects

*Section 4: Putting it all together*

--Put it all together into our final Simple Audio App.

**Prerequisites and Requirements**

While no prior programming experience needed, this course does go relatively quickly so having some programming experience is a plus. Also:

--OSX computer - Please bring your own Mac.

--Please try to install Xcode ahead of time, it's a free: https://developer.apple.com/xcode/

**How to Take This Course**

There are several ways to signup for this course. This course is primarily offered on Object-Oriented.org, but any of the following links would work.

--Object-Oriented.org

--Eventbrite.com

--Meetup.com

**About the instructor**

Cy is a software engineer and one of the co-founders of Object-Oriented.org and organizer for Tech DC and NOVA iOS.

He’s worked as a data research consultant for Government Executive and the National Journal Group. He frequently speaks on technology and programming at conventions across the country. Currently, he is building an tech / entrepreneurial community in DC. The goal is to bring together bring together an elite group of socially responsible entrepreneurs, developers, and young professionals.

Cy is passionate about using data analytics and building data driven products to help government and business leaders meet their challenges. Visit his website at www.cynonymous.com to learn more.