

## **ATLS 4320/5320: Advanced Mobile Application Development**

### **Swift 3/Xcode 8 to Swift 4/Xcode 9 Conversion**

When converting a project from Swift 3/Xcode 8 to Swift 4/Xcode 9 you will get 2 warnings

1. Conversion Swift 4 is available
  - a. Click then select your targets(all)
  - b. Minimize inference (recommended)
  - c. Next, OK
  - d. Update to latest Swift syntax
2. Update to recommended settings
  - a. Click then select all check boxes
  - b. Perform Changes

Select Project and go into the Info tab.

Change iOS Deployment Target to 11.2.

Build and you'll get another warning: The use of Swift 3 @objc inference in Swift 4 mode is deprecated.

Please address deprecated @objc inference warnings, test your code with "Use of deprecated Swift 3 @objc inference" logging enabled, and then disable inference by changing the "Swift 3 @objc Inference" build setting to "Default" for the "music" target.

Select your App target and go into the Build Settings tab.

Towards the bottom go to the Swift Compiler – Code Generation section

Change Swift 3 @objc Interface to Default

Further down make sure the Swift Language Version is 4.

Build again and all the warnings should be gone other than possibly needing a 1024x1024 app icon.