	Unit I	Unit II	Unit III	Unit IV	Unit V	Unit VI
Title	**The Swift Language**	**Introduction to iOS App Development**	**Networking and APIs**	**Concurrency**	**Custom Views, Map and Web Kits**	**Services and Kits**
Week 1	**Variables and Flow control**	**XCode Projects**	**Networking** - NSURLSession - Data serialization - Simple concurrency - JSON to Swift class model **Architecture** - Data Managers - Singletons	**Advanced APIs** - Completion blocks - Local Caching - Error handling strategies	**Custom Views** **Animations and Transitions**	**Media** - MediaPlayer - AVKit
Week 2	**Collections**	**Model View Controller**	**API processes** - HTTP testing - Registration, keys, authentication	**Core Data** - Core Data driven TableViews - NSFetchedResultsContoller	**MapKit** - MKMapDelegate - MKAnnotation protocol - Location Services	**The Camera** - Social - Addresses/Contacts
Week 3	**Functions**	**Target/Action and Delegation**	**API processes** - Exposure to more APIs **UI** - Collection View	**Grand Central Dispatch** - Main and other threads - Chained/Dependent network calls **Operation Queues** - Intro to Operation Queues	**WebKit** - WKNavigationDelegate - WKUIDelegate	**Kit Grab bag** - Social - Addresses/Contacts
Week 4	**Classes**	**Table View Controller**	**Build Target App** - Use API - TableView/Detail - Structured project architecture - Prepare for Midterm	**Build Target App** - Add complex networking - Add Core Data	**Build Target App** - Include MapKit - Include WebKit	**Build Target App** - Put it all together