

		Programme Name:	BICT	Course Code:	IT8108	Grading Scheme:	Achievement only
		Course Coordinator:	Dr. Philippe Pringuet	Course Title:	Mobile Programming	Academic Semester:	Semester 1, 2019-2020
Week		Session 1	Session 2	Homework	Assessments	Moderation	Notes
1	15-Sep-19	Introduction Session + iOS Dev. Registration Start Unit 1: Swift Basics	Unit 1: Swift Basics Unit 1 tutorials	Complete Unit 1 Labs			
2	22-Sep-19	Unit 2: Intermediate SWIFT concepts (String, Functions, Structure) + Lab 2A playground	Unit 2: Intermediate SWIFT concepts (Classes Inheritance, Collections, Loops) + Lab 2B: Arrays, Classes and Polymorphism	Complete Lab2A and Lab 2B		Project Pre-Mod	
3	29-Sep-19	UNIT3 - Building a User Interface (UIKit, displaying data, Action Controls) + Tutorial 3 Chess	UNIT3 - Building a User Interface (Auto Layout) Lab 3A: Calculator	Complete Unit 3 Tutorials Prepare Questions for Project			
4	6-Oct-19	Project Brief Session + grp forming Video and Lab on GitHub	Unit 4 (part 1): Design Tutorial 7: App UI Design	Prepare Project MockUps			
5	13-Oct-19	Lab 3B: Guided Project: Apple Pie	Unit 4 (part 1): UX Tutorial 8: App UX Design	Complete Unit 5 Tutorials Prepare Project UX			
6	20-Oct-19	Unit 5: SWIFT Advanced (Optionals, Casting) + Lab 5.1 and 5.2	Unit 5: SWIFT Advanced (Guard, Scope, Enumerations) + Lab 5.3, 5.4 and 5.5	Complete Lab 5 + Design Doc + Update Trello Board			
7	27-Oct-19	UNIT6 - Navigation and Workflows + Lab 6A	Lab 6B: Guided Project - Personality Quiz	Finish Lab 6B: Guided Project - Personality Quiz			
8	3-Nov-19	UNIT7 - Lesson 1: Protocols + Lab 7A: Protocols	UNIT7 - Lesson 2: App Cycle, Lesson 3: MVC + Lab 7A: App Events Count + Lesson 4: ScrollViews	Complete Unit 7 Labs			
Mid-sem	#####	MID-SEMESTER BREAK			Design Document (30%)		
9	#####	Assessment Week					
10	#####	UNIT8 - Tables and Persistence: Lesson 1: TableViews + Lab 8A: MealTracker	UNIT8 - Tables and Persistence: Lesson 2: TableViews + Lab 8A: FavoriteBooks	Read pages 596 to 645 (Emoji Dictionary Project)		Design Document PostMod	
11	1-Dec-19	UNIT8 - Tables and Persistence: Lesson 3: + Lab 8B: RememberEmojis	UNIT8 - Tables and Persistence: Lesson 4: + Lab 8B: HomeFurnitureSharing	Read pages 650 to 681 (persistence and system controllers)			
12	8-Dec-19	UNIT8 - Tables and Persistence: Lesson 5: Complex Input Screens + Lab 8C: HotelForm	Lab 8D: Guided Project - TODO List	Read pages 686 to 721 (Date and DatePicker)			
13	15-Dec-19	Lab 8D: Guided Project - TODO List	National Day	Complete Unit 8 Labs			
Break	22-Dec-19	BREAK					
14	29-Dec-19	Project Implementation	Project Implementation	Project Implementation		Project Defense PreMod	
15	5-Jan-20	Project Implementation	Project Demo to Client		Implementation (35%)		
16	12-Jan-20	Assessment Week			Project Defense (35%)		
Admin	19-Jan-20	Marking Week				Implementation PostMod	
	26-Jan-20	Exam Board Meetings				Project Defense PostMod	