

ICT2105 Mobile Application Programming Course Schedule 2020

Updated: Saturday, 4 January 2020

*Content and schedule subject to change

Week	Date	Lecture	Lab	Comments
1	06/01/2020	Introduction & Overview Mobile Platforms Intro Android Software Framework	Lab 0: Setup & Installation	Do Lab 0 at home
2	13/01/2020	Development Environment Application Fundamentals Kotlin Krash Course (TBD)	Lab 1: Development Environment	
3	20/01/2020	Views & Layouts Activity & Intents	Lab 2: Simple UI, Intents & Interactivity	25/01: Initial project proposal, user stories
4	TBD	Event Handling Advanced UI: Listview & RecyclerView	Lab 3: Displaying Lists	Class to be rescheduled due to CNY
5	03/02/2020	Data Management	Lab 4: Data Management	08/02: UI prototypes, product backlog & software architecture design
6	10/02/2020	Architecture Components: Room, LiveData & ViewModel	Lab 5: Room, LiveData & ViewModel In-Lab Practical Quiz 1	
7		RECESS		22/02: First sprint completion
8	24/02/2020	Background Tasks: Service	In-Lab Practical Quiz 2	
9	02/03/2020	Threading & Networking	Lab 6: Service	07/03: Second sprint completion
10	09/03/2020	NDK, JNI, C/C++	In-Lab Practical Quiz 3	
11	16/03/2020	AR Programming Primer (TBD)	Lab 7: Networking, Threading Lab 8: NDK & JNI	21/03: Third sprint completion
12	23/03/2020	Industry Talk (TBD)	In-Lab Practical Quiz 4	
13	30/04/2020	Group Project Presentations	Group Project Presentations	Product launch!