

Date	#	Lecture Topic	Assignment Out		Assignment In	Peer Review	Project
			Programmers	Specialists			
January 8, 2020	1	Introduction - Motivation; including project goal, creativity, cross-disciplinary interaction and communication describe P1 and S1, basic bargain, student Introductions	P1 - Provide Background; Instagram UI including camera	S1 - Field Statement & online biography and Case Studies of Apps in your			Specialist Introductions
January 15, 2020	2	Overview of Capabilities of Smartphones, Introductions, cont'd			S1 Part I & P1 Part I		Group Formation beginning
January 22, 2020	3	Assignments P2, S2; Case Studies of Previous Relevant Apps	P2 - Instagram Link to Firebase authentication and	S2 - Using an App Mock-up design tool	P1/S1 part II		Groups must be formed
January 22, 2020	extra	Group Forming Night - Room RS 208 - 6:30pm - 8:30pm (The Rosebrugh Building)					Informal meeting with classmates to form groups; discuss
January 29, 2020	4	Block Diagrams; Discussion of Proposals; Assignments P3, S3; Group Dynamics, Android Life Cycle		S3 - Understanding Parts of the	S2		Approval-in-Principle Due
February 5, 2020	5	Phone Handouts; Software Engineering Key Concepts, Presentations and Communication; Example Application	P3 - Instagram Multiple Feeds and ML classifier		P2 S3 part 1 (Mon) part 2 (Thu)		Project Proposal/Plan Document due
February 12, 2020	6	Proposal/Plan Presentations		S4 - Creativity, Sensors and Your Project		Yes	See Lecture Topic
February 12, 2020	7	NOTE: Extra Lecture in same week Proposal and Plan Presentations TIME is 6-8pm, Room RS 208				Yes	See Lecture Topic
February 19, 2020		No Class - Reading Week			P3/S4		
February 26, 2020	8	Guest Lecturer - Jason Hyde - on User Experience and Design of Mobile Applications and Software					
March 4, 2020	9	Spiral 2 Presentations				Yes	See Lecture Topic
March 11, 2020	10	Spiral 2 Presentations				Yes	See Lecture Topic
March 18, 2020	11	Spiral 4 Presentations				Yes	See Lecture Topic
March 25, 2020	12	Spiral 4 Presentations				Yes	See Lecture Topic
April 1, 2020	13	Project Presentations					See Lecture Topic
April 8, 2020	14	Project Presentations					Final Reports Due