

ECE 1778 Schedule 2013

Date	#	Lecture Topic	Assignment Out		Assignment In	Project
			Programmers	Appers		
January 9, 2013	1	Introduction - Motivation; including project goal, creativity, cross-disciplinary interaction and communication describe P1 and A1, Introductions	P1 - Download environment; Hello World; Layout & Listeners; Create online biography	A1 - Field Statement & online biography and Case Studies of Apps in your field		Apper Introductions
January 16, 2013	2	Introductions, cont'd Mobile phone & Android Development Toolkit environment, basics;List and Files			A1 Part 1& P1 Part 1	Form Groups
January 16, 2013	extra	Group Forming Night - Galbraith Building Room 244, 6:30pm - 8:30pm				Informal meeting with classmates to form groups
January 23, 2013	3	Assignments P2, A2; Overview of Capabilities of phone; Case Studies: Qik, Urbanspoon, Gylmpse, RedLaser, TeamChooser	P2 - Containers, Select, Lists and Files	A2 - Using an App Mock-up design tool	P1/A1	Work on Proposals; can submit for pre-approval
January 30, 2013	4	Location, Motion Sensing, Image Capture; Discussion of Proposals			P2/A2	1 Page proposal due
February 6, 2013	5	Assignments P3, A3; Handlers and Posts; Phone Handouts; Discussion of Proposals;Case study 3: Capabilities: GPS, AccelerometerSound, Image, Video, Digital Signal Processing, Recogniton	P3 - Location, Motion Sensors and Image Capture	A3 -Understanding Parts of the Canvas		Project Plan due
February 11, 2012	6	NOTE: Extra Lecture in same week Proposal and Plan Presentations TIME is 6-8pm, also MP 137				
February 13, 2013	7	Proposal and Plan Presentations	P4 - Threads and Databases	A4 - Creativity, Sensors and You	P3/A3	See Lecture Topic
February 20, 2013		Class Cancelled; Reading Week				
February 27, 2013	8	Guest Lecture on User Experience and Design of Apps	JR Away		P4/A4	See Lecture Topic
March 6, 2013	9	Spiral 2 Presentations	JR Away			See Lecture Topic
March 13, 2013	10	Spiral 2 Presentations	JR Away			See Lecture Topic
March 20, 2013	11	Spiral 4 Presentations				See Lecture Topic
March 27, 2013	12	Spiral 4 Presentations				See Lecture Topic
April 3, 2013	13	Project Presentations				See Lecture Topic
April 10, 2013	14	Project Presentations				Final Reports Due