

COURSE: Ubiquitous Computing		
DEGREE: Computer Science and Engineering	YEAR: 4	TERM: 1

WEEKLY PLANNING							
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT	
			L E C T U R E S	S E M I N A R S		DESCRIPTION	CLASS HOURS (1,66=50+50 min)
1	1	Introduction to the course	X			1,66	6,0
	2	Introduction to the course project and SPOC		X	Face-to-face	1,66	
2	3	History and definition of ubicomp	X			1,66	6,0
	4	SPOC, module 1: JavaScript review		X		1,66	
3	5	Interaction paradigms for ubicomp	X			1,66	6,0
	6	Evolution of interaction				1,66	
4	7	SPOC, module 2: JavaScript Arrays		X		1,66	6,0
	8	Students presentations	X			1,66	
5	9	SPOC, module 3: JavaScript functions		X		1,66	6,0
	10	Interaction design for ubicomp	X			1,66	
6	11	User-centered design and prototyping				1,66	6,0
	12	SPOC, module 4: Node.js	X	X	Face-to-face	1,66	
7	13	Multitouch interaction	X			1,66	6,0
	14	SPOC, module 5: Server-side programming		X		1,66	
8	15	Students presentations	X			1,66	6,0
	16	SPOC, module 6: Multidevice programming		X		1,66	
9	17	Augmented Reality, Virtual Reality, Mixed Reality	X			1,66	6,0
	18	Project: design		X	Face-to-face	1,66	
10	19	Students presentations	X			1,66	6,0
	20	Project review		X		1,66	
11	21	Tangible and Embodied interaction	X			1,66	6,0
	22	Project: Implementation		X		1,66	
12	23	Students presentations	X			1,66	6,0
	24	Project: Implementation		X		1,66	
13	25	Toucheless interaction: gestures, voice and multimodal	X			1,66	6,0
	26	Project review		X	Face-to-face	1,66	
14	27	Students presentations	X			1,66	6,0
	28	Project review		X		1,66	
	29	Internet of Things	X			1,66	3,00
		Project evaluation		X	Face-to-face	1,66	
		Additional session		X		1,66	
Subtotal 1						48	87
Total 1 (Hours of class plus student homework)						135	
15		Tutorials, handing in, etc				3,6	-
16		Assessment				4	10
17							
18							
Subtotal 2						8	10
Total 2 (Hours of class plus student homework)						18	
TOTAL (Maximum 160 horas)						153	