Universidad Carlos III de Madrid
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COURSE: DIGITAL ELECTRONIC SYSTEM INTEGRATION AND WEB APPLICATIONS		
MASTER: ELECTRONIC SYSTEMS ENGINEERING AND APPLICATIONS	**YEAR: 2015-16**	**TERM: 1st**

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom…)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS/ LAB[1]		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Introduction to the course. Introduction to Electronic Systems Integration. Block diagram of an Electronic System. Alternatives for the Integration of Electronic Systems (localized and distributed)	X			Previous reading. Answering questions about background.	1,5	4
1	2	Use of Operating Systems: Microsoft Windows	X			Previous reading. Answering questions about what has been taught.	1,5	
2	3	Use of Operating Systems: Linux / Android (I)	X			Previous reading. Answering questions about what has been taught.	1,5	5
2	4	Use of Operating Systems: Linux /Android (II)	X			Previous reading. Answering questions about what has been taught.	1,5	
3	5	Use of Operating Systems: iOS	X			Previous reading.	1,5	5

						Answering questions about what has been taught.		
3	6	Use of Operating Systems: Development platforms and examples	X			Previous reading. Answering questions about what has been taught.	1,5	
4	7	Human-Computer Interaction	X			Previous reading. Answering questions about what has been taught.	1,5	5
4	8	Web interfaces: Introduction and Functionality	X			Previous reading. Answering questions about what has been taught.	1,5	
5	9	Web interfaces: Protocols (I)	X			Previous reading. Answering questions about what has been taught.	1,5	5
5	10	Web interfaces: Protocols (II)	X			Previous reading. Answering questions about what has been taught.	1,5	
6	11	Web interfaces: Protocols (III)	X			Previous reading. Answering questions about what has been taught.	1,5	5
6	12	Web interfaces: Protocols (IV)	X			Previous reading. Answering questions about what has been taught.	1,5	
7	13	Web interfaces: Use Cases (I)	X			Previous reading. Answering questions about what has been taught.	1,5	5
7	14	Web interfaces: Use Cases (II)	X			Previous reading. Answering questions about what has been taught.	1,5	
						Subtotal 1	**21**	**34**
		Total 1 *(Hours of class plus student homework hours between weeks 1-7)*					**55**	

[1] **A maximum of 1-2 lab sessions**

1-7		Tutorials, handing in, etc					10

8		Assessment					3	7
						Subtotal 2	**3**	**17**
						Total 2 *(Hours of class plus student homework hours at week 8)*	**20**	
TOTAL *(Total 1 + Total 2)*							**75**	