Universidad Carlos III de Madrid
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SUBJECT: Real Time Systems		
DEGREE: Industrial Electronics and Automation Engineering	COURSE: 4	SEMESTER: 1

Weekly Class Schedule									
WEEK	CLASS	CLASS CONTENTS	GROUP (marcar X)			2 Teachers	STUDENT WORK		
			B	P			DESCRIPTION	CLASS HOURs	HOURS (Max. 7h a week)
1	1	Introduction	X			NO	Recommended Reading	1,66	
1	2	Introduction to Linux		X	Computer room	NO	Recommended Reading	1,66	4
2	3	Concurrent Programming	X			NO	Recommended Reading	1,66	
2	4	Concurrent components		X	Computer room	NO	Recommended Reading	1,66	5
3	5	Communication	X			NO	Recommended Reading	1,66	
3	6	Pipes		X	Computer room	NO	Recommended Reading	1,66	5
4	7	Interaction	X			NO	Recommended Reading	1,66	
4	8	Message passing communication		X	Computer room	NO	Recommended Reading	1,66	5

5	9	Real-time operating systems.	X				NO	Recommended Reading	1,66	
5	10	Exam P1		X	Computer room	YES	Recommended Reading	1,66	6
6	11	Fault-Tolerant Real-Time Systems	X			NO	Recommended Reading	1,66	
6	12	Signals		X	Computer room	NO	Recommended Reading	1,66	5
7	13	Methods-time measurement	X			NO	Recommended Reading	1,66	
7	14	Shared memory communication		X	Computer room	NO	Recommended Reading	1,66	5
8	15	Planning and task analysis	X			NO	Recommended Reading	1,66	
8	16	Semaphore		X	Computer room	NO	Recommended Reading	1,66	5
9	17	Task Scheduling	X			NO	Recommended Reading	1,66	
9	18	Exam P2		X	Computer room	YES	Recommended Reading	1,66	5
10	19	Response time	X			NO	Recommended Reading	1,66	
10	20	Types of Real-Time Tasks		X	Computer room	NO	Recommended Reading	1,66	5
11	21	Algorithms	X			NO	Recommended Reading	1,66	
11	22	Sockets		X	Computer room	NO	Recommended Reading	1,66	5
12	23	Student Presentations	X			NO	Recommended Reading	1,66	
12	24	Threads		X	Computer room	NO	Recommended Reading	1,66	5
13	25		X			NO	Recommended Reading	1,66	
13	26	Exam P3			Computer room	YES			6
14	27								
14	28								
	29								

Subtotal 1	**41,6**	**67**

Total 1 *(1-14)*	
	108,6

15		Class recoveries, tutoring, etc							4
16									
17		Evaluation						3	
18									40
							Subtotal 2	3	44

Total 2 (15-18)	47

TOTAL (Total 1 + Total 2. _Máx 180 hours_)	**155,6**