Universidad Carlos III de Madrid
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COURSE: Systems Architecture		
DEGREE: +Telematics Engineering Degree +Communications Systems Degree +Audiovisuals Degree	YEAR: 2	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		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Course presentation	X			Students must read the web page of the subject	1,66	
1	2	Your work environment in Linux		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
2	3	The C Programming Language	X			Read material before going to the class	1,66	
2	4	Compiling C programs and printf function		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
3	5	C pointers	X			Read material before going to the class	1,66	7

3	6	Review exercises		X	Telematics Lab.	Try exercises before going to the lab	1,66	
4	7	Dynamic memory management in C	X			Read material before going to the class	1,66	
4	8	Version control and reading/writing text in C (by keyboard/screen)		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
5	9	Dynamic Data Structures	X			Read material before going to the class	1,66	
5	10	Review exercises		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
6	11	Memory leaks in C	X			Read material before going to the class	1,66	
6	12	Laboratory exam (10%)		X	Telematics Lab.		1,66	7
7	13	Computer Architecture	X			Read material before going to the class	1,66	
7	14	Programming with linked lists		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
8	15	Operating Systems	X			Read material before going to the class	1,66	
8	16	Detecting memory leaks and debugging		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
9	17	Data modeling in the project	X			Read material before going to the class	1,66	
9	18	Milestone 1		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
10	19	Theoretical exam (10%)	X			Prepare the exam	1,66	
10	20	Milestone 2		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
11	21	File Input/Output operations	X			Read material before going to the class	1,66	
11	22	Milestone 3 and partial tests.		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
12	23	Concurrent programming (1/2)	X			Read material before going to the class	1,66	
12	24	Milestone 4		X	Telematics Lab.	Try exercises before going to the lab	1,66	7

13	25	Concurrent programming (2/2)	X			Read material before going to the class	1,66	
13	26	Project exam (10%)		X	Telematics Lab.	Prepare the exam	1,66	7
14	27	Reinforcing class	X			Read material before attending class	1,66	
14	28	Practical Concurrency		X	Telematics Lab.	Try exercises before going to the lab	1,66	7
	29	Practical Concurrency ('ed)		x			1,66	7
						Subtotal 1	**38,57**	**105**
		Total 1 *(Hours of class plus student homework hours between weeks 1-14)*					**143,57**	

15		Tutorials, handing in, etc						
16								
17		Assessment						
18								
						Subtotal 2	**0**	**0**
		Total 2 *(Hours of class plus student homework hours between weeks 15-18)*					**143,57**	

TOTAL *(Total 1 + Total 2)*	**143**