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**

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA								
Week	Session	DESCRIPTION	GRUPS (mark X)			Special room for sesión (computer classroom, audio-visual classroom...	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS			DESCRIPTION	CLASS HOURS	Homework (Max. 7h week)
1	1	Course presentation						1	
2	2	Introduction	X			NO	Students must read the info in Aula Global	1,66	
2	3	The work environment in Linux		X	Computer Room	SI	Exercises about Linux commands	1,66	4
3	4	C Simple Data; Variable Scope	X			NO	Read and practice about C Simple Data; Variable Scope	1,66	6

			Theory	Practical	Room	Eval	Description	Hours	
3	5	Practical about Simple data and variable scope. GCC		X	Computer Room	NO	Exercises about C Simple Data; Variable Scope	1,66	
4	6	C Structured Data Type	X			NO	Read and practice about C Structured Data Type	1,66	
4	7	Practical about C Structured Data Type		X	Computer Room	SI	Exercises about C Structures Data Types	1,66	6
5	8	I/O Files in C	X			NO	Read and practice about I/O Files in C	1,66	
5	9	Milestone 2		X	Computer room	NO	Exercises about I/O Files in C	1,66	6
6	10	Pointers in C (I)	X			NO	Read and practice about pointers	1,66	
6	11	Laboratory exam (10%)		X	Computer Room	SI	Exercises about pointers	1,66	6
7	12	Pointers in C (II)	X			NO	Read and practice about pointers	1,66	
7	13	Practical about Pointers		X	Computer Room	NO	Exercises about pointers	1,66	6
8	14	Dynamic Memory (I)	X			NO	Read and practice about Dynamic memory	1,66	
8	15	Practical about Pointers		X	Computer Room	NO	Exercises about Dynamic Memory	1,66	6
9	16	Dynamic Memory (II)	X			NO	Prepare Partial Exam	1,66	
9	17	Milestone 3		X	Computer Room	NO	Exercises about Dynamic Memory	1,66	6
10	18	Partial Exam (10%)	X			NO	Exercises about Dynamic Memory	1,66	
10	19	DBX; Milestone 4		X	Computer Room	NO	Exercises about Dynamic Memory	1,66	6
11	20	Dynamic Memory (III)	X			NO	Read and practice about Dynamic memory	1,66	
11	21	VALGRIM; Milestone 5		X	Computer Room	NO	Exercises about Dynamic Data Structures	1,66	6
12	22	File Systems	X			NO	Read and practice about File Systems	1,66	
12	23	Milestone 6		X	Computer Room	NO	Exercises about File Systems	1,66	6

13	24	Concurrent programming in C (I)	X			NO	Read and practice about Concurrent programming	1,66	
13	25	Project Exam (10%)		X	Computer Room	SI	Exercises about Concurrent Programming and File Systems	1,66	6
14	26	Concurrent programming in C (II)	X			NO	Read and practice about Concurrent programming	1,66	
14	27	Practical Concurrency		X	Computer Room	NO	Exercises about Concurrent Programming	1,66	6
15	28	Review	X			NO	Preparing final project submission	1,66	6
15	29	Review		X	Computer Room	NO	Preparing final project submission	1,66	

							Subtotal 1	49,14	80

							Total 1 *(Hours of class plus student homework hours beteen weeks 1-14)*		

16									
16									
17		Preparación de evaluación y evaluación						3	
18									

						Subtotal 2	3	3

						Total 2 *(Hours of class plus student homework hours beteen weeks 15-18)*	148,14

TOTAL *(Total 1 + Total 2.)*	