



COURSE : SYSTEMS ARCHITECTURE		
DEGREE: GRADO EN INGENIERÍA TELEMÁTICA GRADO EN INGENIERÍA DE COMUNICACIONES MÓVILES Y ESPACIALES GRADO EN INGENIERÍA DE SONIDO E IMAGEN	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 & Introduction	X						
1	2	Project presentation		X	Computer Room	NO	Practical programming exercises	1	7
2	3	C Simple Data; Variable Scope	X				Reading course notes in Aula Global	1,66	Dynamic

2	4	The work environment in Linux		X	Computer Room	YES	Practical programming exercises	1,66	Memory 7
3	5	Structured Data in C	X				Reading course notes in Aula Global	1,66	
3	6	Practical about I/O Files in C		X	Computer Room	YES	Practical programming exercises	1,66	7
3	6(bis)	Guided Exercise	X					1,66	7
4	7	Pointers in C	X				Reading course notes in Aula Global	1,66	7
4	8	Practical about C Structured Data Type		X	Computer Room	NO	Practical programming exercises	1,66	
5	9	Pointers in C	X				Reading course notes in Aula Global	1,66	7
5	10	Practical about Pointers		X	Computer room	NO	Practical programming exercises	1,66	
6	11	Holiday	X				Reading course notes in Aula Global	1,66	7
6	12	Exercises		X	Computer Room	NO	Practical programming exercises	1,66	
7	13	Dynamic Memory	X				Reading course notes in Aula Global	1,66	7
7	14	Practical about Dynamic Memory, DBX		X	Computer Room	YES	Practical programming exercises	1,66	
8	15	Dynamic Memory	X				Reading course notes in Aula Global	1,66	7
8	16	Practical about Dynamic Memory, valgrind		X	Computer Room	YES	Practical programming exercises	1,66	
9	17	Review	X				Reading course notes in Aula Global	1,66	7
9	18	Practical about Dynamic Memory		X	Computer Room	NO	Practical programming exercises	1,66	
10	19	Dynamic Memory	X				Reading course notes in Aula Global	1,66	7
10	20	Midterm		X	Computer Room	NO	Practical programming exercises	1,66	

11	21	File Systems	X				Read and practice about Dynamic memory	1,66	7
11	22	Practical about File Systems		X	Computer Room	NO	Practical programming exercises	1,66	
12	23	Concurrent programming in C	X				Reading course notes in Aula Global	1,66	7
12	24	Practical about Concurrency		X	Computer Room	NO	Practical programming exercises	1,66	
13	25	Concurrent programming in C	X				Reading course notes in Aula Global	1,66	7
13	26	Practical about Concurrency		X	Computer Room	NO	Practical programming exercises	1,66	
14	27	Review	X				Reading course notes in Aula Global	1,66	7
14	28	Review		X	Computer Room	NO	Practical programming exercises	1,66	
Subtotal 1								45,8	98
Total 1 (Hours of class plus student homework hours beteen weeks 1-14)									
16									
16		Preparación de evaluación y evaluación						3	
17									
18									
Subtotal 2								3	3
Total 2 (Hours of class plus student homework hours beteen weeks 15-18)									
TOTAL (Total 1 + Total 2.)								146,8	

LABORATORIES CLASSES PROGRAMMING*									
SESSI ON	WEEK	DESCRIPTION	LABORATORY	WEEKLY PROGRAMMING FOR STUDENT					
				DESCRIPTION				HOMEW ORK HOURS	

					CLASS HOURS	Maximum 7 H
1	2	I/O in C	Laboratorio del depto. de Ingeniería Telemática	Project's structure	1,5	7
2	3	Structured Data in C	Laboratorio del depto. de Ingeniería Telemática	Menu & structured data types	1,5	7
3	7	Dynamic Memory	Laboratorio del depto. de Ingeniería Telemática	Debugger	1,5	7
4	8	Dynamic Memory -lists-	Laboratorio del depto. de Ingeniería Telemática	Valgrind	1,5	7
TOTAL					146,8	