



COURSE: Electronic Instrumentation II		
DEGREE: Bachelor in Industrial Electronics and Automation	YEAR: 4º	TERM: 1º

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA								
WEEK	SESSION	DESCRIPTION	GROUP		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	TRABAJO SEMANAL DEL ALUMNO		
						DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h per week)
1	1							
1	2	Presentation					1	
2	3	Core I: Virtual instrumentation with LabView			IT classroom		2,5	
2	4	Filters I					1,66	4
3	5	Core I: Vis implementation and development of modular applications			IT classroom		2,5	
3	6	Filters II					1,66	4
4	7	Core I: Data structures			IT classroom		2,5	
4	8	Amplification and Noise I					1,66	4
5	9	Core I: File management and HW resources			IT classroom		2,5	
5	10	Amplification and Noise II					1,66	4

6	11	Core I: Sequential algorithms and state machines			IT classroom		2,5	
6	12	Project			Lab		1,66	4
7	13	Core I: Data flow control			IT classroom		2,5	
7	14	Project			Lab		1,66	4
8	15	Core II: Event programming and queues			IT classroom		2,5	
8	16	Project			Lab		1,66	4
9	17	Core II: Implementation design patterns (state machines, producer/consumer, FGV)			IT classroom		2,5	
9	18	Project			Lab		1,66	4
10	19	Core II: User interface			IT classroom		2,5	
10	20	Project			Lab		1,66	4
11	21	Core II: File input/output			IT classroom		2,5	
11	22	Project			Lab		1,66	4
12	23	Core II: Improving VI designs			IT classroom		2,5	
12	24	Project			Lab		1,66	4
13	25	Core II: Implementation of applications			IT classroom		2,5	
13	26	Project			Lab		1,66	4
14	27							
14	28							
Subtotal 1							51	48
Total 1 (Class and homework hours between weeks 1-14)							99	
15		Tutorials, handing in, etc						6
16		Assessment					3	22
17								
18								
Subtotal 2							3	28
Total 2 (Class and homework hours between weeks 15-18)							31	
TOTAL (Total 1 + Total 2.)							130	