



COURSE:		
DEGREE:	YEAR:	TERM:

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Presentation. M1: Review of Digital Electronics	X					1,6	7
1	2	E1: Digital Electronics Exercises		X				1,6	
2	3	M2: Microprocessors	X					1,6	7
2	4	E2: Microprocessor Exercises		X				1,6	
3	5	M3: Embedded Software	X					1,6	7
3	6	M4: Amplifier review. Small Signal models		X				1,6	
4	7	M5: Frequency Response of Amplifiers	X					1,6	7
4	8	Lab 1: Microcontrollers				X			
5	9	Exam Block I	X					1,6	7

5	10	E5 Amplifier Exercises		X				1,6	
6	11	M6: Feedback Amplifiers	X					1,6	
6	12	E6: Feedback Amplifier Exercises (Computer Lab)		X				1,6	7
7	13	M7 Real Operational and Instrumentation Amplifiers	X					1,6	
7	14	Lab 2: Amplifiers				X			7
8	15	M8: Active Filters	X					1,6	
8	16	E8: Active Filter Exercises (Computer Lab)		X				1,6	7
9	17	M9: Oscillators and Waveform Generators	X					1,6	
9	18	Exam Block II		X				1,6	7
10	19	M10: Analog Switches and Sample & Hold Circuits	X					1,6	
10	20	E10: Oscillators and Waveform Generator Exercises		X				1,6	7
11	21	M11: Power Switches and Amplifiers	X					1,6	
11	22	E11: Power Switches and Amplifier exercises		X				1,6	7
12	23	M12: Analog and digital Conversion I	X					1,6	
12	24	Lab 3: Active Filters and PWM modulation				X			7
13	25	M13: Analog and digital conversión II	X					1,6	
13	26	Lab 4: Analog Switches and Waveform Generators				X			7
14	27	Course review	X					1,6	
14	28	Lab 5: Instrumentation System / Special Project Evaluation				X			

Subtotal 1 **36,8** **91**

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

15		Tutorials, handing in, etc						19	
16		Assessment						3	
17									
18									

Subtotal 2 **3**

Total 2 (Hours of class plus student homework hours between weeks 15-18)

22

TOTAL A <i>(Total 1 + Total 2)</i>	150
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LABORATORIES CLASSES PROGRAMMING (*)						
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WEEK	SESSION	DESCRIPTION	LABORATORY	WEEKLY PROGRAMMING FOR STUDENT		
				DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
	1	Lab 1: Microcontrollers I			3	3
	2	Lab 2: Amplifiers			3	3
	3	Lab 3: Active Filters and PWM modulation			3	3
	4	Lab 4: Analog Switches and Sample and Hold Circuits			3	3
	5	Lab 5: Instrumentation System / Special Project Evaluation			3	3
	6					
	7					
	8					
	9					
	10					

Subtotal 3 **15** **15**

Total 3 <i>(Hours of class plus student homework hours of ten sessions laboratories)</i>	30
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TOTAL B <i>(Total 3)</i>	30
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TOTAL <i>(Total A + Total B. Maximum 180 hours)</i>	180
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() In EPS are given an additional 16 hours of laboratory practices along ten sessions.*