

COURSE: MICROPROCESSOR BASED DIGITAL SYSTEMS		
DEGREE: TELECOMMUNICATION RELATED BACHELORS	YEAR: 2	TERM: 2

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			L E C T U R E S	S E M I N A R S		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
1	1	Chapter 1: Introduction	x			Study theoretical concepts	1,66	6,5
	2	Chapter 2: Microprocessors and Microcontrollers		x		Study theoretical concepts	1,66	
2	3	Chapter 3: Internal Architecture	x			Study theoretical concepts	1,66	6,5
	4	Chapter 3: Internal Architecture. Exercises		x		Study theoretical concepts. Complete the exercises proposed	1,66	
3	5	Chapter 4: Assembler	x			Study theoretical concepts	1,66	6,5
	6	Chapter 4: Assembler. Exercises		x		Study theoretical concepts. Complete the exercises proposed	1,66	
4	7	Chapter 5: Development Environment, examples of basic GPIO	x			Study theoretical concepts. Complete the exercises proposed	1,66	6,5
	8	Chapter 5: Demo with development board & Chapter 6: GPIO, AF		x	Laptop, board	Study theoretical concepts. Complete the exercises proposed	1,66	
5	9	Case study 1 with all GPIO (chapter 6)	x			Study theoretical concepts. Complete the exercises proposed.	1,66	6,5
	10	Partial exam (Architecture)		x		Study for the exam	1,66	
6	11	Chapter 7: Interrupts & EXTI	x			Study theoretical concepts	1,66	6,5
	12	Lab1: GPIO		x	board	Practical work	1,66	

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17		Assessment					4	10
18								
Subtotal 2							8	10
Total 2 (Hours of class plus student homework)							18	
TOTAL (Maximun 160 horas)							160	