

COURSE: DIGITAL ELECTRONICS

INGENIEERING DEGREES: COMMUNICATION AND SYSTEMS / TELECOMMUNICATION ENGINEERING

YEAR: 1

TERM: 2

AUDIOVISUAL SYSTEMS / TELEMATICS

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	TEACHING		SPECIAL ROOM FOR SESSION	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURE	SEMINAR		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS
1	1	Presentation, information representation	X				1,66	5
1	2	Boolean Algebra and logic gates		X			1,66	
2	3	Introduction to digital circuits design	X				1,66	6,5
2	4	Combinational circuits		X			1,66	
3	5	Binary arithmetic	X				1,66	6,5
3	6	Introduction to simulation, exercises		X	Computer R		1,66	
4	7	Arithmetic combinational circuits	X				1,66	6,5
4	8	Combinational circuits exercises		X			1,66	
5	9	Combinational circuits exercises, Introduction to Lab 1	X				1,66	6,5
5	10	Combinational circuits exercises		X			1,66	
6	11	Flip-flops, introduction to Lab 2	X				1,66	6,5
6	12	Lab 1		X	Laboratory		2,49	
7	13	Sequential circuits	X				1,66	6,5
7	14	Lab 2		X	Laboratory		2,49	
8	15	Midterm exam 1	X				1,66	6,5
8	16	Sequential circuits simulation, exercises		X	Computer R		1,66	
9	17	Registers and counters, Introduction to Lab3	X				1,66	6,5
9	18	Sequential circuits exercises		X			1,66	
10	19	Sequential circuits exercises	X				1,66	6,5
10	20	Lab 3		X	Laboratory		2,49	
11	21	Memories, Introduction to Lab 4	X				1,66	6,5
11	22	Memories exercises		X			1,66	
12	23	Digital systems	X				1,66	6,5
12	24	Lab 4		X	Laboratory		2,49	
13	25	Digital systems exercises	X				1,66	6,5
13	26	Preparation for Midterm exam 2		X			1,66	
14	27	Midterm exam 2	X				1,66	6,5
<b>Subtotal 1:</b>							<b>48,14</b>	<b>89,5</b>
<b>Total 1 (Class hours and homework hours)</b>							<b>137,64</b>	
Assessment								9,36
Tutorials, handing in, etc.							3	-
<b>Subtotal 2:</b>							<b>3</b>	<b>9,36</b>
<b>Total 2 (Class hours and homework hours)</b>							<b>12,36</b>	
<b>TOTAL</b>							<b>150</b>	