



COURSE: Computer Structure		
DEGREE: Ingeniería Informática	YEAR: 2º	TERM: 1º

*La asignatura tiene 29 sesiones que se distribuyen a lo largo de 14 semanas. Los laboratorios pueden situarse en cualquiera de ellas.
Semanalmente el alumnos tendrá dos sesiones, excepto en un caso que serán tres*

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. 7 week)
1	1	Presentation and Introduction	X				Personal study	1,6	
1	2	Data representation		X			Personal study and homework	1,6	7
2	3	Floating point	X				Personal study and homework	1,6	
2	4	Exercises		X			Personal study and homework	1,6	7
3	5	Programming model of a computer	X				Personal study and homework	1,6	
3	6	Lab. Data representation		X	Computer class room		Personal study and homework	1,6	7
4	7	Data, instructions, and control structures	X				Personal study and homework	1,6	
4	8	Exercises		X			Personal study and homework	1,6	7

5	9	Addressing modes	X				Personal study and homework	1,6	7
5	10	Exercises		X			Personal study and homework	1,6	
6	11	Procedures and stack	X				Personal study and homework	1,6	7
6	12	Exercises		X			Personal study and homework	1,6	
7	13	Computer Structure and elementary operations	X				Personal study and homework	1,6	7
7	14	Lab. Assembly programming		X	Computer class room		Personal study and homework	1,6	
8	15	Execution of instructions	X				Personal study and homework	1,6	7
8	16	Exercises		X			Personal study and homework	1,6	
9	17	Control unit design	X				Personal study and homework	1,6	7
9	18	Exercises		X			Personal study and homework	1,6	
10	19	Interrupts, starting of a computer	X				Personal study and homework	1,6	7
10	20	Lab. Microprogramming project.		X	Computer class room		Personal study and homework	1,6	
11	21	Memory Hierarchy	X				Personal study and homework	1,6	7
11	22	Exercises		X			Personal study and homework	1,6	
12	23	Cache memory	X				Personal study and homework	1,6	7
12	24	Laboratory Microprogramming project.		X	Computer class room		Personal study and homework	1,6	
13	25	Input/output systems	X				Personal study and homework	1,6	7
13	26	Exercises		X			Personal study and homework	1,6	
14	27	I/O techniques	X				Personal study and homework	1,6	7
14	28	Exercises		X			Personal study and homework	1,6	
	29	Exercises		X			Personal study and homework	1,6	3
Subtotal 1								48,33	101

Total 1 (<i>Hours of class plus student homework hours between weeks 1-14</i>)	149,33
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15		Tutorials, handing in, etc						16	10
16		Assessment						3	
17									
18									
Subtotal 2								3	

Total 2 (<i>Hours of class plus student homework hours between weeks 15-18</i>)	29
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TOTAL (<i>Total 1 + Total 2. Maximum 180 hours</i>)	178,33
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