



COURSE: Programming		
BACHELOR'S DEGREE: Bachelor's Degree in Electrical Engineering	CURSO: 1	CUATRIMESTRE: 1

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA								
WEEK	SESSION	DESCRIPTION	GROUPS		SPECIAL ROOM FOR SESSION (Computer class room, audio---visual class room)	Indicate YES/NO If the session needs 2 teachers: Maximum 4 sessions	GROUPS	
			LECTURE	SEMINAR			DESCRIPTION	CLASS HOURS
1	1	Presentation and introduction to algorithms Exercises on Algorithms	X			NO	Solving exercises on algorithms	1,66
	2	Exercises on Algorithms		X	face to face	NO		1,66
2	3	Programming foundations	X			NO	Solving exercises on algorithms	1,66
	4	Exercises on Algorithms		X		NO		1,66
3	5	Programming foundations	X			NO	Solving exercises on algorithms	1,66
	6	Exercises on Algorithms		X		NO		1,66

4	7	Programming language syntax: data types, operators and library functions, input / output	X			NO	Solving exercises on algorithms	1,66	7
	8	Development environment: compiling, debugging and execution		X	face to face	NO		1,66	
5	9	First midterm exam: Test about programming foundations	X		online	NO	Setting up development environment	1,66	7
	10	Programming language syntax: selection statements Publication of Exercise 1		X		NO		1,66	
6	11	Programming language syntax: selection statements	X			NO	Solving coding exercises	1,66	7
	12	Coding exercises: selection statements		X		NO		1,66	
7	13	Programming language syntax: iteration statement	X			NO	Solving coding exercises	1,66	7
	14	Coding exercises: iteration statement Exercise 1. Selection (Delivery) Publication of Exercise 2.		X	face to face	YES		1,66	
8	15	Programming language syntax: functions	X			NO	Solving coding exercises	1,66	7
	16	Coding exercises: iteration statement		X		NO		1,66	
9	Extra	Coding exercises: functions		X		YES	Solving coding exercises	1,66	7
	17	Programming language syntax: functions exercises	X			NO		1,66	
	18	Coding exercises: functions		X		NO		1,66	
10	19	Programming language syntax: Lists	X			NO	Solving coding exercises	1,66	7
	20	Coding exercises: Lists Exercise 2. Loops and functions (Delivery) Publication of Exercise 3		X	face to face	YES		1,66	

11	21	Programming language syntax: Bidimensional Lists and dictionaries	X			NO	Solving coding exercises	1,66	7	
	22	Coding exercises: Lists and bidimensional lists		X		NO		1,66		
12	23	Programming language syntax: Bidimensional Lists	X			NO	Solving coding exercises	1,66	7	
	24	Coding exercises:: bidimensional lists		X		NO		1,66		
13	25	Programming language syntax: Dictionaries	X			NO	Solving coding exercises	1,66	7	
	26	Coding exercises:: bidimensional lists		X		NO		1,66		
14	27	Programming language syntax: Dictionaries	X			NO	Solving coding exercises	1,66	7	
	28	Exercise 3. List, bidimensional lists and dictionaries (Delivery)		X	face to face	YES		1,66		
								Subtotal 1	48,14	
Total 1 (Horas presenciales y de trabajo del alumno entre las semanas 1-14)									143,8	

15		Questions and doubts	X			NO	Questions and doubts	1,66	7						
16		Final Exam	X			NO	Prepare final exam	3	8						
17															
18															
								Subtotal 2	4,66						
Total 2 (Horas presenciales y de trabajo del alumno entre las semanas 15-18)									21,66						
TOTAL (Total 1 + Total 2. Máximo 180 horas)									165,46						