



<b>COURSE: Programming</b>		
<b>DEGREE: Bachelor In Applied Mathematics and Computing</b>	<b>YEAR: 1st</b>	<b>TERM: 1st</b>

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	(Practical lectures) P1: Introduction to the MATLAB environment		X	Virtual Computer classroom			1,6	5
1	2	Theoretical lectures) Unit 1: Introduction to computer programming Unit 2: Programming Fundamentals	X					1,6	
2	3	(Practical lectures) Exercises: Algorithms		X	in-person			1,6	5
2	4	(Theoretical lectures) Unit 3: Programming using MATLAB	X					1,6	
3	5	(Practical lectures) Exercises: MATLAB syntax		X	Virtual Computer classroom			1,6	5
3	6	(Theoretical lectures) Unit 3: Programming using MATLAB (II)	X					1,6	

4	7	Practical lectures) Exercises: MATLAB syntax (II)		X	Virtual Computer classroom			1,6	5
4	8	(Theoretical lectures) Unit 4: Flow Control(I)	X					1,6	
5	9	(Problem Solving) Exercises: Flow Control (I)		X	in-person			1,6	6
5	10	(Theoretical lectures) Unit 4: Flow Control(II)	X					1,6	
6	11	((Problem Solving) Exercises: Flow Control (II)		X	Virtual Computer classroom			1,6	6
6	12	(Problem Solving) Exercises: Flow Control (III)	X					1,6	
7	13	(Problem Solving) Exercises: Flow Control (III)		X	Virtual Computer classroom	YES		1,6	6
7	14	((Problem Solving) Exercises: Flow Control (IV)	X					1,6	
8	15	(Problem Solving) Exercises: Flow Control (IV) (Practice) Mid Term Exam (I)		X	in-person			1,6	6
8	16	(Theoretical lectures) Unit 5: Functions and Scripts	X					1,6	
9	17	((Problem Solving) Exercises: Functions and Scripts		X	Virtual Computer classroom			1,6	6
9	18	(Theoretical lectures) Unit 6: Data Structures	X					1,6	
10	19	(Problem Solving) Exercises: Data Structures		X	Virtual Computer classroom	YES		1,6	6
10	20	(Theoretical lectures) Unit 6: Data Structures (II)	X					1,6	
11	21	(Problem Solving) Exercises: Data Structures (II) (Practice) Mid Term Exam (II)		X	in-person			1,6	6
11	22	(Theoretical lectures) Unit 7: Input/Output Files	X					1,6	
12	23	(Problem Solving) Exercises: Input/Output Files		X	Virtual Computer classroom			1,6	6

12	24	(Theoretical lectures) Unit 7: Input/Output Files (II)	X					1,6	
12	25	Review, Doubts and Questions		X	Virtual Computer classroom	YES			
13	26	(Problem Solving) Exercises: Input/Output Files (II)		X	Virtual Computer classroom	YES		1,6	6
13	27	(Theoretical lectures) Unit 8: Advanced Techniques (I)	X						
14	28	(Problem Solving) Exercises: Advanced Techniques (II) (Practice) Mid Term Exam (III)		X	in-person			1,6	6
14	29	(Theoretical lectures) Review, Doubts and Questions	X					1,6	
<b>Subtotal 1</b>								<b>48,08</b>	<b>80</b>
<b>Total 1 (Hours of class plus student homework hours between weeks 1-14)</b>								<b>128,08</b>	
16		Evaluation							
17								3	
18									19
<b>Subtotal 2</b>								<b>3</b>	<b>19</b>
<b>Total 2 (Hours of class plus student homework hours between weeks 15-18)</b>								<b>21</b>	
<b>TOTAL (Total 1 + Total 2)</b>								<b>149,48</b>	