COURSE: Computer Programming		
DEGREE: Bachelor In Biomedical Engineering	YEAR: 1st	TERM: 1st

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	(Theoretical lectures) Unit 1: Introduction to computer programming	X					1,6	5
1	2	(Practical lectures) P1: Introduction to the MATLAB environment		X	Computer classroom			1,6	
2	3	(Theoretical lectures) Unit 1: Introduction to computer programming Unit 2: Programming Fundamentals	X					1,6	5
2	4	(Practical lectures) Exercises: Algorithms		X	Computer classroom			1,6	
3	5	(Theoretical lectures) Unit 3: Programming using MATLAB	X					1,6	5
3	6	(Practical lectures) Exercises: MATLAB basics		X	Computer classroom			1,6	
4	7	(Theoretical lectures) Unit 4: Flow Control(I)	X					1,6	5
4	8	(Problem Solving) Exercises: Flow Control (I)		X	Computer classroom			1,6	

5	9	(Theoretical lectures) Unit 4: Flow Control(II)	X					1,6	6
5	10	(Problem Solving) Exercises: Flow Control (II)		X	Computer classroom			1,6	
6	11	(Theoretical lectures) Unit 4: Flow Control (III)	X					1,6	6
6	12	(Problem Solving) Exercises: Flow Control (III) (Practical) Practical Exam		X	Computer classroom	YES		1,6	
7	13	(Theoretical lectures) Unit 5: Functions and Scripts	X					1,6	6
7	14	(Problem Solving) Exercises: Functions and Scripts		X	Computer classroom			1,6	
8	15	(Theoretical lectures) Unit 6: Data Structures	X					1,6	6
8	16	(Problem Solving) Exercises: Data Structures		X	Computer classroom			1,6	
9	17	(Theoretical lectures) Unit 6: Data Structures (II)	X					1,6	6
9	18	(Problem Solving) Exercises: Data Structures (II) (Practical) Practical Exam		X	Computer classroom	YES		1,6	
10	19	(Theoretical lectures) Unit 6: Data Structures (III)	X					1,6	6
10	20	Problem Solving) Exercises: Data Structures (III)		X	Computer classroom			1,6	
11	21	(Theoretical lectures) Unit 7: Input/Output Files	X					1,6	6
11	22	(Problem Solving) Exercises: Input/Output Files		X	Computer classroom			1,6	
12	23	(Theoretical lectures) Unit 7: Input/Output Files (II)	X					1,6	6
12	24	(Problem Solving) Exercises: Input/Output Files (II) (Practical) Practical Exam		X	Computer classroom	YES		1,6	
13	25	(Theoretical lectures) Unit 8: Advanced Techniques (I)	X					1,6	6
13	26	(Problem Solving) Exercises: Advanced Techniques (I)		X	Computer classroom			1,6	
14	27	(Theoretical lectures) Unit 8: Advanced Techniques (II)	X					1,6	6
14	28	(Problem Solving) Exercises: Advanced Techniques (II)		X	Computer classroom			1,6	
							Subtotal 1	**46,48**	**80**

		Total 1 *(Hours of class plus student homework hours between weeks 1-14)*						126,48	

15		(Practical) Practical Exam		X	Computer classroom	YES	Deliver practice P4		1
16									
17		Assessment						3	19
18									
							Subtotal 2	4	19
			Total 2 *(Hours of class plus student homework hours between weeks 15-18)*					23	

TOTAL *(Total 1 + Total 2)*								**149,48**	