

<b>COURSE: MECHANICS OF STRUCTURES</b>		
<b>DEGREE: BACHELOR'S DEGREE IN MECHANICAL ENGINEERING</b>	<b>YEAR: 2nd</b>	<b>TERM: 2st</b>

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			L E C T U R E S	S E M I N A R S		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
1	1	TOPIC 1: FORCE SYSTEM AND EQUILIBRIUM	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about forces systems and equilibrium.	1,66	6,5
	2	Solutions of exercises and questions related to session 1		X		Personal work: Execution of exercises and question related to session 1	1,66	
2	3	TOPIC 2: REACTIONS AND FORCES (I)	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about reactions and forces (I)	1,66	6,5
	4	Solutions of exercises and questions related to session 3		X		Personal work: Execution of exercises and question related to session 3	1,66	
3	5	TOPIC 3: REACTIONS AND FORCES (II)	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about reactions and forces (II)	1,66	6,5
	6	Solutions of exercises and questions related to session 5		X		Personal work: Execution of exercises and question related to session 5	1,66	

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4	7	TOPIC 4: FORCE LAWS (I)	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about force laws (I).	1,66	6,5
	8	Solutions of exercices and questions related to session 7		X		Personal work: Execution of exercices and question related to session 7	1,66	
5	9	TOPIC 5: FORCE LAWS (II)	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about force laws (II).	1,66	6,5
	10	Solutions of exercices and questions related to session 9		X		Personal work: Execution of exercices and question related to session 9	1,66	
6	11	TOPIC 6: FORCE LAWS (III)	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about force laws (III).	1,66	6,5
	12	Solutions of exercices and questions related to session 11		X		Personal work: Execution of exercices and question related to session 11	1,66	
7	13	TOPIC 7: TRUSS STRUCTURES	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about Truss Structures	1,66	6,5
	14	Solutions of exercices and questions related to session 13		X		Personal work: Execution of exercices and question related to session 13	1,66	
8	15	TOPIC 8: CABLE STRUCTURES	X			Personal work: basic knowledge acquisition and fundamental concepts understanding about Cable Structures	1,66	6,5
	16	Solutions of exercices and questions related to session 15		X		Personal work: Execution of exercices and question related to session 15	1,66	
9	17	CONTINUAL ASSESSMENT EXAM	X			Continual Assessment Exam	1,66	6,5
	18	Lab 1. Design and experimental test of truss structures		X	X	Practical work Lab 1	1,66	



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17		Assessment					4	10
18								
<b>Subtotal 2</b>							<b>8</b>	<b>10</b>
<i>Total 2 (Hours of class plus student homework)</i>							<b>18</b>	
<b>TOTAL (Maximun 160 horas )</b>							<b>160</b>	