

<b>COURSE: Physics I</b>		
<b>DEGREE: Bachelor in Industrial Technologies Engineering</b>	<b>YEAR: 1</b>	<b>TERM: 1</b>

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
1	0	Presentation		X		- Course presentation - Proposed review exercises	1,66	3,0
	1	Point particle kinematics	X		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	
2	2	Point particle kinematics		X		- Solve the proposed exercises. - Participation in discussions and activities	1,66	6,5
	3	Point particle dynamics	X		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	
3	4	Point particle dynamics		X		- Solve the proposed exercises. - Participation in discussions and activities	1,66	6,5
	5	Work and energy	X		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	
4	6	Work and energy		X		- Solve the proposed exercises. - Participation in discussions and activities	1,66	6,5

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	7	Summary	x		Virtual Classroom		1,66	6,5
	8	Exam (*)		x	(***)		1,66	
5	9	Point particle systems	x		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	6,5
	10	Point particle systems		x		- Solve the proposed exercises. - Participation in discussions and activities	1,66	
6	11	Kinematics of the Rigid Body	x		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	6,5
	12	Kinematics of the Rigid Body		x		- Solve the proposed exercises. - Participation in discussions and activities	1,66	
7	13	Dynamics of the Rigid Body	x		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	6,5
	14	Dynamics of the Rigid Body		x	(***)	- Solve the proposed exercises. - Participation in discussions and activities	1,66	
8	15	Summary	x		Virtual Classroom		1,66	6,5
	16	Exam (*)		x			1,66	
9	17	Introduction to Thermodynamics	x			- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	6,5
	18	Introduction to Thermodynamics		x		- Solve the proposed exercises. - Participation in discussions and activities	1,66	
10	19	First principle of thermodynamics	x		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	6,5

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11	20	First principle of thermodynamics		x		- Solve the proposed exercises. - Participation in discussions and activities	1,66	6,5
	21	Second principle of thermodynamics	x		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	
12	22	Second principle of thermodynamics		x		- Solve the proposed exercises. - Participation in discussions and activities	1,66	6,5
	23	Entropy	x		Virtual Classroom	- Reading of the corresponding chapters in the proposed literature. - Study and personal work on the lecture (i.e. searching additional information, etc)	1,66	
13	24	Entropy		x	(***)	- Solve the proposed exercises. - Participation in discussions and activities	1,66	5,5
	25	Exam(*)	x		Virtual Classroom		1,66	
n.a.	26	Lab session (**)			Virtual Classroom	- Reading of the guideline document. - Data acquisition - Analysis of results - Preparation of the report.	1,66	3,0
n.a.	27	Lab session (**)			LAB 4.S.B01		1,66	3,0
n.a.	28	Lab session (**)			Virtual Classroom		1,66	3,0
n.a.	29	Lab session (**)			LAB 4.S.B01		1,66	3,0
<b>Subtotal 1</b>							<b>50</b>	<b>92</b>
<b>Total 1 (Hours of class plus student homework)</b>							<b>142</b>	

(\*) Dates of the test exams are provisional.

(\*\*) Dates of the lab sessions are provisional.

(\*\*\*) Non-teaching day for some groups

15		Tutorials, handing in, etc					3,6	-
16		Assessment					4	11
17								
18								

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			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
							<b>Subtotal 2</b>	
							<b>8</b>	<b>11</b>
<b>Total 2 (Hours of class plus student homework)</b>								<b>19</b>
<b>TOTAL (Maximun 160 horas)</b>								<b>160</b>

Revise la distribución de Horas de Trabajo para que el cómputo total no supere el máximo establecido