Universidad Carlos III de Madrid
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DENOMINACIÓN ASIGNATURA: Physics I		
GRADO: Bachelor's Degree in Telematics Engineering	**CURSO: 1**	**CUATRIMESTRE: 1**

La asignatura tiene 29 sesiones que se distribuyen a lo largo de 14 semanas. Los laboratorios pueden situarse en cualquiera de ellas. Semanalmente el alumnos tendrá dos sesiones, excepto en un caso que serán tres.

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA

SEMANA	SESIÓN	DESCRIPCIÓN DEL CONTENIDO DE LA SESIÓN	GRUPO (marcar X)		Indicar espacio distinto de aula (aula informática, audiovisual, etc.)	Indicar SI/NO es una sesión con 2 profesores	TRABAJO SEMANAL DEL ALUMNO		
			GRANDE	PEQUEÑO			DESCRIPCIÓN	HORAS PRESENCIALES	HORAS TRABAJO (Max. 7h semana)
1	1	Theory: Particle kinematics.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	7

1	2	Problems: Particle kinematics.		X		No	Related with the weekly topic problem solving	1,66	
2	3	Theory: Particle Dynamics.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
2	4	Problems: Particle Dynamics.		X		No	Related with the weekly topic problem solving	1,66	7
3	5	Theory: Coulomb's law. Electric Field. Gauss Law.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
3	6	Problems: Coulomb's law. Electric Field. Gauss Law.		X		No	Related with the weekly topic problem solving	1,66	7
4	7	Theory: Electric potential.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
4	8	Problems: Electric potential.		X		No	Related with the weekly topic problem solving	1,66	7
5	9	Theory: Conductors.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
5	10	Problems: Conductors.		X		No	Related with the weekly topic problem solving	1,66	7
6	11	Theory: Capacitors, Dielectric and Energy.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
6	12	Problems: Capacitors, Dielectric and Energy.		X		No	Related with the weekly topic problem solving	1,66	7
7	13	Theory: Electric Current.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
7	14			X		No	Related with the weekly topic problem	1,66	7

		Problems: Electric Current.					solving referentes al tema tratado.		
8	15	Theory: Magnetic Forces and Magnetic Fields.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
8	16	Problems: Magnetic Forces and Magnetic Fields.		X		No	Related with the weekly topic problem solving	1,66	7
9	17	Theory: Sources of Magnetic Field.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
9	18	Problems: Sources of Magnetic Field.		X		No	Related with the weekly topic problem solving	1,66	7
10	19	Theory: Magnetic Materials.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
10	20	Problems: Magnetic Materials.		X		No	Related with the weekly topic problem solving	1,66	7
11	21	Theory: Faraday 's law of induction.	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
11	22	Problem: Faraday 's law of induction.		X		No	Related with the weekly topic problem solving	1,66	7
12	23	Theory: Wave propagation	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
12	24	Problems: Wave propagation		X		No	Related with the weekly topic problem solving	1,66	7
13	25	Theory: Sound and electromagnetic waves	X			No	Theoretical description of the weekly topic with simple examples.	1,66	
13	26	Problems: Sound and electromagnetic waves		X		No	Related with the weekly topic problem solving	1,66	7
14	27	Theory: Extra session	X			No	Theoretical description of the weekly topic	1,66	

							with simple examples.		
14	28	Problems: Extra session		X		No	Related with the weekly topic problem solving	1,66	7
	29							1,66	
							Subtotal 1	**48,33**	
			Total 1 *(Horas presenciales y de trabajo del alumno entre las semanas 1-14)*						
15		Recuperaciones, tutorías, entrega de trabajos, etc					Last partial exam		
16		Preparación de evaluación y evaluación						3	
17									
18									
							Subtotal 2	**3**	
			Total 2 *(Horas presenciales y de trabajo del alumno entre las semanas 15-18)*						
TOTAL *(Total 1 + Total 2. Máximo 180 horas)*									