



DENOMINACIÓN ASIGNATURA DE 6 CRÉDITOS:

Wind Energy Systems	CURSO: 1	CUATRIMESTRE: 1
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SE- SIÓN	FECHA (DÍA INICIAL DE LA SEMANA/ MES)	DESCRIPCIÓN DEL CONTENIDO DE LA SESIÓN	TIPO (MARCAR CON UNA X)			TRABAJO DEL ALUMNO DURANTE LA SEMANA			
			TEO RÍA	PRÁ CTIC AS	LAB ORA TORI O	Donde se impart irá	DESCRIPCIÓN	HORAS PRESENC IALES	HORAS TRABJO Semana Máximo 7 H
1		1-Introduction	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
2			x					1,5	
3		2-Overview of wind turbine systems in onshore, offshore and small applications	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
4			x					1,5	
5		3-Aerodynamics of Wind Turbines	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
6			x					1,5	
7		4- Overview of Mechanics and Dynamics	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
8			x					1,5	
9		5- Electrical aspects of Wind turbines	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
10			x					1,5	
11			x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
12			x					1,5	
13		6- WECS control systems and techniques	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
14			x					1,5	

15			x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
16			x					1,5	
17		7- Type 1 Wind Energy Conversion System	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
18			x					1,5	
19		8- Type 2 Wind Energy Conversion System	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
20			x					1,5	
21		9- Type 3 Wind Energy Conversion System	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
22			x					1,5	
23		Laboratory for wind turbines types 1,2,3	x		x		Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
24			x					1,5	
25		10- Type 4 Wind Energy Conversion System	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
26			x					1,5	
27		11- Power Quality and wind power	x				Reading proposed Topics. Solving proposed exercises. Team project development.	1,5	7
28			x					1,5	
42 + 98=140									
		tutoring, job submission , etc							
		Exam preparation and examination						3	
143									