



<b>SUBJECT: Advanced Management of Smart Grids</b>			
<b>BACHELOR'S DEGREE IN ENERGY ENGINEERING</b>	<b>Course: 4º</b>	<b>SEMESTER: 2</b>	

Weekly planning									
DAY	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	Lab			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1/02	1	Smart Grids Introduction: What are Smart grids? Why are they needed? functionalities and benefits of the smart grids	X			NO		1,66	2
8/02	2	<b>Section A</b> Energy storage management and integration of renewable energies	X			NO		1,66	
15/02	3	<b>Section A</b> Smart grids projects (National and International), Regulation and practical examples Energy storage <b>Continuous evaluation Section A</b>			X	NO		1,66	
22/02	4	Laboratory Simulation PSS/E: Introduction		X		NO		1,66	
1/03	5	<b>Section A</b>			X	NO		1,66	

		Smart grids projects (National and International), Regulation and practical examples Energy storage <b>Continuous evaluation Section A</b>							
8/03	4	Laboratory Simulation PSS/E: Laboratory PV		X		NO		1,66	
15/03	7	<b>Section B</b> Management of electric mobility in smart grids.	X			NO		1,66	
22/03	8	<b>Section B</b> Smart grids projects (National and International), electric mobility <b>Continuous evaluation Section B</b>			X	NO		1,66	6
29/03	9	Laboratory: Simulation PSS/E: electric mobility		X		NO		1,66	
5/04	10	<b>Section B</b> Smart grids projects (National and International), electric mobility <b>Continuous evaluation Section B</b>			X	NO		1,66	7
12/04	11	<b>Section C</b> Automatization Architectures for Smart Grid/Smart metering	X			NO		1,66	
26/04	12	<b>Section C</b> Smart grids projects (National and International), Regulation and practical examples <b>Continuous evaluation Section C</b>			X	NO		1,66	6
10/05	13	<b>Section C</b> Smart grids projects (National and International), Regulation and practical examples <b>Continuous evaluation Section C</b>			X	NO		1,66	
						NO		1,66	6

							<b>Subtotal 1</b>	<b>48,33</b>	<b>79</b>
							<b>Total 1</b> (Hours of class plus student homework hours between weeks 1-14)	127,33	
15		Tutorials, handing in, etc							
16									
17		Preparation for the final assessment exercise					3		
18								26,66	
							<b>Subtotal 2</b>	<b>3</b>	<b>26,66</b>
							<b>Total 2</b> (Hours of class plus student homework hours between weeks 15-18)	29	
							<b>TOTAL</b> ( <i>Total 1 + Total 2. <u>Máximo 180 horas</u></i> )	<b>157</b>	