Universidad Carlos III de Madrid
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COURSE: POWER SUBSYSTEM		
MASTER: MASTER IN SPACE ENGINEERING	**ECTS: 2**	**TERM: 3rd**

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom…)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS/ LAB[1]		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Electrical Power Subsystem Overview	X			Slides studying. Bibliography and references review	1.66	
1	2	Primary power sources I	X			Slides studying. Bibliography and references review	1.66	6.25
2	3	Primary power sources II Exercise: Sizing the Solar Panels	X			Slides studying. Bibliography and references review	1.66	
2	4	Energy Storage I	X			Slides studying. Bibliography and references review	1.66	6.25
3	5	Energy Storage II Exercise: Sizing the Batteries	X			Slides studying. Bibliography and references review	1.66	
3	6	Primary Power System I	X			Slides studying. Bibliography and references review	1.66	6.25
4	7	Primary Power System II	X			Slides studying.	1.66	6.25

		Exercise: MPPT				Bibliography and references review		
4	8	Primary Power System III	X			Slides studying. Bibliography and references review	1.66	
5	9	Secondary Power System and Protections	X			Slides studying. Bibliography and references review	1.66	
5	10	Space Power Subsystem Simulation		X	Computer room	Slides studying. Bibliography and references review	1.66	6.25
						Subtotal 1	**16.66**	**31.25**
		Total 1 *(Hours of class plus student homework)*					**48**	

1-5		Tutorials etc					2	--
6		Final Assessment				Total course slides studying, and Bibliography/References review	4	4
						Subtotal 2	**6**	**4**
		Total 2 *(Hours of class plus student homework hours at week 8)*					**10**	

TOTAL *(Total 1 + Total 2)*	**58**