



COURSE: POWER SYSTEMS OPERATION AND CONTROL

DEGREE: ELECTRICAL ENGINEERING

YEAR: 4

TERM: 2

*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*

WEEKLY PLANNING

WEEK	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	SEMINARS			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	INTRODUCTION	x			NO		1,6	
1	2	POWER SYSTEMS		x		NO		1,6	
2	3	POWER SYSTEMS GENERATORS I	x			NO		1,6	
2	4	VOLTAGE STABILITY		x		NO		1,6	
3	5	VOLTAGE CONTROL INTRODUCCION	x			NO		1,6	
3	6	EXCITATION SYSTEMS		x		NO		1,6	
4	7	MODELS OF EXCITATION SYSTEMS	x			NO		1,6	
4	8	VOLTAGE CONTROL METODHS		x		NO		1,6	
5	9	VOLTAGE CONTROL. Applications	x			NO		1,6	

5	10	PARCIAL EXAM1		x		NO		1,6	
6	11	LABORATORY SESSION 1	x		computer	NO		1,6	
6	12	FREQUENCY CONTROL INTRODUCTION		x		NO		1,6	
7	13	PRIMARY CONTROL	x			NO		1,6	
7	14	PRIMARY CONTROL. Aplicacions		x		NO		1,6	
8	15	SECONDARY CONTROL	x			NO		1,6	
8	16	SECONDARY CONTROL. Aplicacions		x		NO		1,6	
9	17	TERCIARY CONTROL	x			NO		1,6	
9	18	TERCIARY CONTROL. Aplicacions		x		NO		1,6	
10	19	MODERN CONTROL OF POWER SYSTEMS	x			NO		1,6	
10	20	PARCIAL EXAM2		x		NO		1,6	
11	21	LABORATORY SESSION 2	x		computer	NO		1,6	
11	22	ESTATE ESTIMATION I		x		NO		1,6	
12	23	ESTATE ESTIMATION I. Aplicacions	x			NO		1,6	
12	24	ESTATE ESTIMATION II		x		NO		1,6	
13	25	ESTATE ESTIMATION II. Aplicacions	x			NO		1,6	
13	26	ESTATE ESTIMATION III		x		NO		1,6	
14	27	ESTATE ESTIMATION III. Aplicacions	x			NO		1,6	
14	28	LABORATORY SESSION 3		x	computer	NO		1,6	
	29	LABORATORY SESSION 4				NO		1,6	

Subtotal 1 **48,33**

Total 1 (Hours of class plus student homework hours between weeks 1-14)

15		Tutorials, handing in, etc							
16		Assessment							
17									3
18									

Subtotal 2 **3**

Total 2 (Hours of class plus student homework hours between weeks 15-18)

TOTAL (*Total 1 + Total 2. Maximum 180 hours*)