

<b>Asignatura: Análisis dinámico y control de sistemas eléctricos</b>				
<b>Titulación: Máster en Ingeniería Industrial</b>			<b>CURSO: 1</b>	<b>CUATRIMESTRE: 2</b>
Date	Session	Description	Complementary material	
	1	Introduction. Regulatory frame	Tandem bike	
	2	Regulatory frame	Ley del sector eléctrico 1997	
	3	Regulatory frame	Electricity market	
	4	Voltage control	Mapa Europa Continental, ENTSOE	
	5	Voltage control	Key World Energy Statistics, IEA	
	6	Voltage control	Currents war	
	7	Voltage control	PO 7.4 Control de tensión	
	8	Voltage control	SVC - ABB	
	9	Voltage control	Statcom - ABB	
	10	Voltage control	SVR	
	11	<b>Voltage control - laboratory</b>		
	12	First partial exam		
	13	Frequency control	Frecuencias en el mundo. Enlaces HVDC en Europa. Medida frecuencia online.	
	14	Frequency control	Regulador centrífugo	
	15	Frequency control	Continental Europe Operation Handbook: App. A1 Frequency Regulation. Primary control.	
	16	Frequency control	Continental Europe Operation Handbook: App. A1 Frequency Regulation. Secondary control.	
	17	Frequency control	P.O. Regulación primaria	
	18	Frequency control	Continental Europe Operation Handbook: App. A1 Frequency Regulation. Time control.	
	19	<b>Frequency control - laboratory</b>		
	20	Second partial exam		
	21	Transient stability	final_report_disturbance_4_11_2006	
	22	Transient stability	final_report_disturbance_4_11_2006	
	23	Transient stability	final_report_blackout_italy	
	24	Transient stability	Electromechanical oscillations in Western Interconnection (USA)	
	25	<b>Transient stability - laboratory</b>		
	26	Third partial exam		
	27	Presentations		
	28	Presentations		

Dates can be modified depending on festive days and exams in other courses.