



SUBJECT: CENTRALES TERMICAS DE ENERGÍAS RENOVABLES		
POSTGRADE: MÁSTER UNIVERSITARIO EN INGENIERÍA MECÁNICA Lecturer: ANTONIO SORIA VERDUGO	ECTS: 4	TERM: 2

SCHEDULE								
WEEK	SEASON	DESCRIPTION	GROUP		Laboratory	WORK OF THE STUDENT		
			1	2		DESCRIPTION	CLASS HOURS	HOME WORK HOURS
1	1	Fundamentals of thermodynamics	X				1.5	
2	2	Brayton cycle	X				1.5	
2	3	Brayton cycle		X			1.5	
3	4	Rankine cycle	X				1.5	
4	5	Rankine cycle		X			1.5	
5	6	Combined cycle	X				1.5	



5	7	Combined cycle		X			1.5	
6	8	First Exam	X			Study for the exam	1.5	1
7	9	Biomass	X				1.5	
8	10	Biomass		X			1.5	
8	11	Biomass (Laboratory)		X	1.0.T.06	Laboratory report	1.5	1
9	12	Introduction to solar energy	X				1.5	
10	13	Thermoelectric solar	X				1.5	
11	14	Thermoelectric solar	X				1.5	
11	15	Geothermal energy	X				1.5	



12	16	Geothermal energy		X			1.5	
13	17	Oral presentation of projects	X			Writing of the project	1.5	4
14	18	Second Exam	X			Study for the exam	1.5	1
TOTAL HOURS							27	7