



SUBJECT: Advanced Signal Processing		
MASTER DEGREE: Advanced Telecommunication Technologies	ECTS: 6	QUARTER: 1

TIMETABLE FOR THE SUBJECT								
WEEK	SESSION	DESCRIPTION OF EACH SESSION	GROUP (X mark)		Indicate if a different lecture room is needed (computer, audiovisual, etc.)	HOMEWORK PER WEEK		
			1	2		DESCRIPTION	ATTENDING HOURS	HOMEWORK Max. 7H/WEEK
1	1	Introduction and motivation of the course. Organisation and assessment criteria.	X				1.5	0
1	2	Parameter estimation	X				1.5	3
2	3	Parameter estimation	X				1.5	3
2	4	Parameter estimation	X				1.5	3
3	5	Parameter estimation	X				1.5	3
3	6	Parameter estimation	X				1.5	3



4	7	Laboratory Project: parameter estimation	X		Computer room		1.5	2
4	8	Laboratory Project: parameter estimation	X		Computer room		1.5	4
5	9	Signal estimation	X				1.5	3
5	10	Signal estimation	X				1.5	3
6	11	Signal estimation	X				1.5	3
6	12	Signal estimation	X				1.5	3
7	13	Signal estimation	X				1.5	3
7	14	Signal estimation	X				1.5	3
8	15	Laboratory Project: filtering	X		Computer room		1.5	2



8	16	Laboratory Project: filtering	X		Computer room		1.5	4
9	17	Quiz: parameter & signal estimation	X				1.5	4
9	18	Model-based signal processing	X				1.5	3
10	19	Model-based signal processing	X				1.5	3
10	20	Model-based signal processing	X				1.5	3
11	21	Hypothesis testing and classification	X				1.5	3
11	22	Hypothesis testing and classification	X				1.5	3
12	23	Hypothesis testing and classification	X				1.5	3
12	24	Hypothesis testing and classification	X				1.5	3



13	25	Hypothesis testing and classification	X				1.5	3
13	26	Laboratory Project: hypothesis testing	X		Computer room		1.5	4
14	27	Laboratory Project: hypothesis testing	X		Computer room		1.5	3
14	28	Quiz: model-based signal processing and hypothesis testing	X				1.5	4
TOTAL HOURS							42	84