COURSE: EXPERIMENTAL AERODYNAMICS		
Master in Aeronautical Engineering	**YEAR: 2nd**	**TERM: 1st**
La asignatura tiene 14 sesiones de 100 minutos, que se distribuyen a lo largo de 11 semanas.		

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	TYPE		COMMENTS	STUDENT WEEKLY PROGRAMME		
			LECTURE	SEMINAR		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS
1	1	Introduction to the course and theoretical fundamentals to design an experiment.	X				1.7	5
1	2	Statistical data characterization and elements of data processing.	X	X	Lab HWK 1 out		1,7	
3	3	Experimental facilities and wind tunnel testing	X				1,7	3
4	4	Flow pressure measurements	X				1,7	6
4	5	Flow visualization – LAB on flow visualization and pressure measurements.	X	X	Lab HWK 1 in HWK 2 out		1,7	
5	6	Temperature and heat-flux measurements	X				1,7	3
6	7	IR thermography and heat flux experiments - LAB		X	Lab HWK 2 in HWK 3 out		1,7	4
7	8	Density-based methods	X				1,7	2
8	9	Thermal Anemometry	X				1,7	6
8	10	Thermal anemometry and turbulent spectra - LAB	X		Lab HWK 3 in HWK 4 out		1,7	

9	11	Particle Image Velocimetry – Part 1, fundamentals	X				1,7	2
10	12	Particle Image Velocimetry – Part 2, Volumetric	X				1,7	6
10	13	Particle Image Velocimetry - LAB		X	Lab HWK 4 in HWK 5 out		1,7	
11	14	Measurement of Forces and Shear Stresses	X				1,7	3
					HWK 5 in			
						Subtotal 1	**23.33**	**40**
						Total 1	63,33	

15		Tutorials, handing in, etc					2	
16		Assessment					3	7
17								
18								
						Subtotal 2	**5**	**7**
						Total 2	**12**	

	TOTAL	**75,33**