



SUBJECT: FLEXIBLE AND RECONFIGURABLE PRODUCTION SYSTEMS		
MASTER DEGREE: MASTER IN CONNECTED INDUSTRY 4.0 Teacher: SANTIAGO MARTINEZ DE LA CASA DÍAZ	ECTS: 3	QUARTER: 2

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	Course presentation and introduction to Flexible and Reconfigurable Production Systems				Review of materials and references	1,66	3,7
1	2	Tools for the development of Flexible Production Systems				Final project development	1,66	3,7
2	3	Concepts about custom and on-demand fabrication				Review of materials and references	1,66	3,7
2	4	Tools for custom and on-demand fabrication				Final project development	1,66	3,7
3	5	Applied custom and on-demand fabrication (I)				Final project development	1,66	3,7
3	6	Applied custom and on-demand fabrication (II)				Review of the concepts of sessions 4 and 5	1,66	3,7



4	7	Concepts about Flexible Production Systems: Industrial Automation				Review of the material and references	1,66	3,7
4	8	Tools for simulation of Flexible Production Systems: Industrial Automation				Final project development	1,66	3,7
5	9	Concepts about Flexible Production Systems: Industrial Robotics				Review of the material and references	1,66	3,7
5	10	Tools for simulation of Flexible Production Systems: Industrial Robotics				Final project development	1,66	3,7
6	11	Concepts about Flexible Production Systems: Integration and Communications				Review of the material and references	1,66	3,7
6	12	Tutorials				Review of previous sessions	1,66	3,7
7	13	Final Project Presentation				Project presentation preparation	1,66	3,7
7	14	Final Exam				Study for final exam	1,66	3,7
TOTAL HOURS							23,2	51,8
							75	