



SUBJECT: Advanced management frameworks and tools in CI 4.0		
MASTER DEGREE: CONNECTED INDUSTRY 4.0	ECTS: 3	QUARTER: I

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	Production and logistics planning and control. (Operations strategy, design, R+D+I, service processes, distribution and warehousing)	X		No	Active class participation. Study of assigned material.	1,5	3,5
1	2	Production and logistics planning and control. (Operations strategy, design, R+D+I, service processes, distribution and warehousing)	X		No	Active class participation. Study of assigned material.	1,5	3,5
2	3	Production and logistics planning and control. (Operations strategy, design, R+D+I, service processes, distribution and warehousing)	X		No	Active class participation. Study of assigned material.	1,5	3,5
2	4	Production and logistics planning and control. (Operations strategy, design, R+D+I, service processes, distribution and warehousing)	X		No	Active class participation. Study of assigned material.	1,5	3,5
3	5	Management frameworks and information systems in CI 4.0 (SCM IS, ERP, implementation and tailoring. Decisions and DSSs)	X		No	Active class participation. Study of assigned material.	1,5	3,5



3	6	Management frameworks and information systems in CI 4.0 (SCM IS, ERP, implementation and tailoring. Decisions and DSSs)	X		No	Active class participation. Study of assigned material.	1,5	3,5
4	7	Management frameworks and information systems in CI 4.0 (SCM IS, ERP, implementation and tailoring. Decisions and DSSs)	X		No	Active class participation. Study of assigned material.	1,5	3,5
4	8	Management frameworks and information systems in CI 4.0 (SCM IS, ERP, implementation and tailoring. Decisions and DSSs)	X		No	Active class participation. Study of assigned material.	1,5	3,5
5	9	Midterm test	X		oN	Midterm test	1,5	3,5
5	10	Lean management and lean production (Lean operations, Lean Management, Lean Construction)	X		No	Active class participation. Study of assigned material.	1,5	3,5
6	11	Project management tools (PMBOK)	X		No	Active class participation. Study of assigned material.	1,5	3,5
6	12	Supply chain management and international SCM	X		No	Active class participation. Study of assigned material.	1,5	3,5
7	13	Practical session (Case)	X		No	Practical session. Study of assigned material.	1,5	3,5



7	14	Practical session (ERP hands-on session)	X		Computer Lab	Practical session. Study of assigned material.	1,5	3,5
8	15	Final exam	X		No	Final exam	1,5	3,5
TOTAL HOURS							22,5	52,5
							75	