



DENOMINACIÓN ASIGNATURA: SUPPLY CHAIN MANAGEMENT -I		
GRADO: TECNOLOGIAS INDUSTRIALES	CURSO: 4	CUATRIMESTRE: 1

La asignatura tiene 29 sesiones que se distribuyen a lo largo de 14 semanas. Los laboratorios pueden situarse en cualquiera de ellas. Semanalmente el alumno tendrá dos sesiones, excepto en un caso que serán tres.

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA									
SEMANA	SESIÓN	DESCRIPCIÓN DEL CONTENIDO DE LA SESIÓN	GRUPO (marcar X)		Indicar espacio distinto de aula (aula informática, audiovisual, etc.)	Indicar SI/NO es una sesión con 2 profesores	TRABAJO SEMANAL DEL ALUMNO		
			GRANDE	PEQUEÑO			DESCRIPCIÓN	HORAS PRESENCIALES	HORAS TRABAJO (Max. 7h semana)
1	1	Introduction: From artisans to lean enterprise					Active participation in the classroom Study of didactical material	1,66	4
1	2	The Enterprise in the services world					Active participation in the classroom Study of didactical material	1,66	
2	3	“Job Shop”/Flow shop					Solution of exercises Active participation in the classroom Study of didactical material	1,66	5
2	4	Design of production and assembly lines					Active participation in the classroom Study of didactical material	1,66	

3	5	Exercices					Active participation in the classroom Study of didactical material	1,66	5
3	6	Lean manufacturing and work management: 5S/SMED/TPM.					Solution of exercises Active participation in the classroom Study of didactical material	1,66	
4	7	Exercices					Solution of exercises Active participation in the classroom Study of didactical material	1,66	5
4	8	Laboratory 1. A case	X	13A14			Group working Active participation in the classroom Study of didactical material	1,66	
5	9	Design of multiproduct lines					Solution of exercises Active participation in the classroom Study of didactical material	1,66	5
5	10	Exercices					Solution of exercises Active participation in the classroom Study of didactical material	1,66	
6	11	"One piece flow". Partial exam 2					Active participation in the classroom Study of didactical material	1,66	5
6	12	Cellular manufacturing					Solution of exercises Active participation in the classroom Study of didactical material	1,66	
7	13	Exercices					Active participation in the classroom Study of didactical material	1,66	4
7	14	Push /pull and mixed systems					Solution of exercises Active participation in the classroom Study of didactical material	1,66	
8	15	Kanban and conwip systems					Active participation in the classroom Study of didactical material	1,66	5
8	16	. Exercices					Solution of exercises Active participation in the classroom Study of didactical material	1,66	

9	17	Value Stream mapping					Active participation in the classroom Study of didactical material	1,66	
9	18	Added value and MURI/MUDA/MURA					Active participation in the classroom Study of didactical material	1,66	5
10	19	Value and cost in the processes Exercises					Active participation in the classroom Study of didactical material	1,66	
10	20	Laboratory 3. A case	X	13A14			Group working Active participation in the classroom Study of didactical material	1,66	5
11	21	Redesign and kaizen in the processes					Active participation in the classroom Study of didactical material	1,66	
11	22	Variability in the processes Demandleveling					Solution of exercises Active participation in the classroom Study of didactical material	1,66	5
12	23	Bullwhip efecto in the supply chain					Solution of exercises Active participation in the classroom Study of didactical material	1,66	5
12	24	Exercises					Solution of exercises Active participation in the classroom Study of didactical material	1,66	5
13	25	Purchasing versus supply chain management. Inter organizational processes					Active participation in the classroom Study of didactical material	1,66	5
13	26	Competition versus cooperation. In the Supply chain management					Active participation in the classroom Study of didactical material	1,66	5
14	27	Laboratory 4. A case	X	13A14	SI		Group working Active participation in the classroom Study of didactical material	1,66	5
14	28	Lean supply chain management					Active participation in the classroom Study of didactical material	1,66	5
14	29	Laboratory 2. A case Partial exam 2	X	13A14	SI		Group working Active participation in the classroom Study of didactical material	1,66	2
Subtotal 1								48,33	85
Total 1 (Horas presenciales y de trabajo del alumno entre las semanas 1-14)								132,33	

15		Works of students								7	
16		Training for evaluation								3	
17										14	
18											
									Subtotal 2	3	14
									Total 2 (Horas presenciales y de trabajo del alumno entre las semanas 15-18)		21
TOTAL (Total 1 + Total 2. Máximo 180 horas)									153,33		