



COURSE: Industrial Organization		
DEGREE: Mechanical Engineering	YEAR: 4º	TERM: 1

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Course presentation. Industrial enterprises organization. Introduction to operations, production and the Supply Chain. Techniques and tools.	X			YES	Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	5
1	2	Laboratory 1. Discussion of Business Case. Role and importance of Supply Chain Management (SCM)		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	
2	3	Demand forecasting, inventory management.	X			YES	Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	6
2	4	Forecasting and independent demand inventory management exercises.		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	
3	5	Forecasting, inventory management and warehousing.	X			YES	Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	6

3	6	Warehousing case, exercises.		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	
4	7	Logistics and manufacturing planning and control.	X			YES	Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	5
4	8	Exercises.		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	
5	9	Logistics and manufacturing planning systems and control. MRP	X			YES	Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	5
5	10	MRP case / exercises.		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	
6	11	Quizz (tentative date). Approaches: push, pull, hybrid. Just In Time (JIT)	X			YES	Quizz. Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	7
6	12	Exercises. Tools. Video.		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	
7	13	(Re-)Design of products and processes. Work organization in industrial environments.	X			YES	Active class participation. Study of assigned material. Resolution of assigned exercises.	1,6	3
7	14	Laboratory 2. Case. Exercises. Tools. Video.		X		NO	Study, exercise resolution, case preparation, individual and group assignments.	1,6	

Subtotal 1 **23,33** **37**

Total 1 (Hours of class plus student homework hours between weeks 1-7)	60,33
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8		Tutorials, handing in, etc							6
9		Assessment							
10								3	11
11									

Subtotal 2 **3** **17**

Total 2 (Hours of class plus student homework hours between weeks 8-11)	20
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TOTAL (*Total 1 + Total 2. Maximum 90 horas*)

80,33