uc3m | Universidad Carlos III de Madrid

Vicerrectorado de Estudios
Apoyo a la docencia y gestión del grado

COURSE: Analysis and Decision Making		
DEGREE:	YEAR:	TERM:

WEEKLY PLANNING							
S E M A N A	S E S I Ó N	DESCRIPTION	TEACHING (mark X)	SPECIAL ROOM FOR SESION (computer classroom, audio-visual classroom…)	WEEKLY PROGRAMMING FOR STUDENT		
			SEMINARS		DESCRIPCIÓN	CLASS HOURS	HOMEWORK HOURS (Max. Estim. 3,25h)
1	1	Presentation. Discussion. The importance of analysis and decision making.			Preparation of Analysis and Decision Making Notebook	1,5	1,00
2	2	Video. Discussion: Decision making and responsible leadership			Analysis of the Case Study	1,5	2,00
3	3	Ethical decision making in business. Discussion of the Case Study			Group Work: Analyse Case Study with the Solution Evaluation Matrix	1,5	3,25
4	4	Previous Diagnosis: problems identification: Practical excercise			Problem identification in ordinary life: DM Notebook	1,5	3,25
5	5	The communication of problems: Role play			Study what has been seen so far	1,5	3,25
6	6	Planning in decision making. Setting goals. Group Work			Finish group work	1,5	2,00
7	7	Generation and evaluation of alternatives: Practical excersice: brainstorming			For a specific decision, generate and evaluate three alternatives in the DM Notebook	1,5	3,25

			TEACHING (mark X)	SPECIAL ROOM FOR SESION (computer classroom, audio-visual classroom…)	WEEKLY PROGRAMMING FOR STUDENT		
S E M A N A	**S E S I Ó N**	**DESCRIPTION**	SEMINARS		DESCRIPCIÓN	CLASS HOURS	HOMEWORK HOURS (Max. Estim. 3,25h)
8	8	Individual Decision Making			Individual operating process & working process of a work team. Total participation and cooperation. Practical exercise, subsequent round table for analysis of forces and barriers of both processes.	1,5	3,25
9	9	Group Decision Making				1,5	3,25
10	10	Toolkit for Decision Making: Decision Trees			Analysis of risk profile and uncertainty through different tools: Decision tree, Flow diagram, Cause-effect diagram, Pareto analysis, Dispersion diagram. Related Decisions, identification thereof, extension and application to our case and example. Group work, identification of a case, assignment of method and development of the same.	1,5	3,25
11	11	Influence Diagrams. Other Models				1,5	3,25
12	12	Implementation			Application and reality. Table of consequences, assessment of intelligent decision making.	1,5	3,25
13	13	Feedback			Identification of bias for feedback and improvement in decision making and implementation.	1,5	3,25
14	14	The Communication of Decisions			Moment and word. Role play	1,5	3,25
					Subtotal 1	21	41
					***Total 1** (Hours of class plus student homework)*	**62**	
15		Tutorials, handing in, etc				1,8	7
					Subtotal 2	**9**	

WEEKLY PLANNING

		WEEKLY PLANNING					
S E M A N A	**S E S I Ó N**	**DESCRIPTION**	**TEACHING (mark X)**	**SPECIAL ROOM FOR SESION (computer classroom, audio-visual classroom…)**	**WEEKLY PROGRAMMING FOR STUDENT**		
			SEMINARS		DESCRIPCIÓN	CLASS HOURS	HOMEWORK HOURS (Max. Estim. 3,25h)
		Total 2 (Hours of class plus student homework)				**9**	

TOTAL *(Maximun 75 horas)*	**71**