uc3m | Universidad Carlos III de Madrid
Vicerrectorado de Estudios
Apoyo a la docencia y gestión del grado

COURSE: SOFTWARE ENGINEERING		
DEGREE: Bachelor in Computer Science and Engineering	YEAR: 2	TERM: 1

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
1	1	Presentation and course introduction	x			Study	1.66	6.5
	2	Exercise: requirements reverse engineering		x		Plan and organization of the final project	1.66	
2	3	Introduction to the requirements engineering process	x			Study	1.66	6.5
	4	Exercise: project outline proposal		x		Practice: final project outline	1.66	
3	5	Obtaining and describing requirements	x			Study	1.66	6.5
	6	Exercise: requirements elicitation		x		Practice: users, roles and capabilities	1.66	
4	7	Requirements properties, attributes and organization. Introduction to the types of requirements.	x			Study	1.66	6.5
	8	Exercise: detecting erros in requirements		x		Practice: functional and non-functional requirements	1.66	
5	9	Types of requirements	x			Study	1.66	6.5
	10	Partial exam: requirements engineering		x		Evaluation of the first block: requirements engineering	1.66	
6	11	Introduction to conceptual modelling	x			Study	1.66	6.5
	12	Exercise: 1st project delivery and 1st project presentation		x		Evaluation of the 1st project delivery (presentation)	1.66	

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7	13	Conceptual modelling: classses and objects	x			Study	1.66	6.5
	14	Exercise: conceptual modelling		x		Exercise: conceptual model	1.66	
8	15	Conceptual modelling: associations and hierarchies	x			Study	1.66	6.5
	16	Exercise: conceptual modelling		x		Exercise: conceptual model	1.66	
9	17	Introduction to architectural modelling	x			Study	1.66	6.5
	18	Partial exam: conceptual modelling		x		Evaluation of the second block: conceptual modelling	1.66	
10	19	Architectural modelling: components	x			Study	1.66	6.5
	20	Exercise: 2nd project delivery and architectural modelling		x		Exercise: architectural model and 2nd final project delivery	1.66	
11	21	Architectural modelling: interfaces	x			Study	1.66	6.5
	22	Exercise: architectural modelling		x		Exercise: architectural model	1.66	
12	23	Architectural modelling: design by contract	x			Study	1.66	6.5
	24	Exercise: architectural modelling		x		Exercise: architectural model	1.66	
13	25	Tutorship session	x			Study	1.66	6.5
	26	Partial exam: architectural modelling		x		Evaluation of the third block: architectural modelling	1.66	
14	27	Wrap up session	x			Study	1.66	6.5
	28	Exercise: 3rd project delivery and 2nd project presentation		x		Evaluation of the 3rd project delivery (presentation)	1.66	
	29	Additional session	x			Tutorship session, question design, etc.	1.66	3.25
						Subtotal 1	**48**	**94**
						Total 1 *(Hours of class plus student homework)*	**142**	
15		Tutorials, handing in, etc					3.6	-
16								
17		Assessment					4	10

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18								
						Subtotal 2	**8**	**10**
						Total 2 *(Hours of class plus student homework)*	**18**	
TOTAL (*Maximun 160 horas*)							**160**	