

COURSE: Markup Languages (340 - 17353)		
DEGREE: Bachelor's Degree in Management of Information and Digital Contents	YEAR: 1º	TERM: 1º

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA								
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Introduction to the course Lesson T1: Fundamentals of the markup and syntax of SGML and XML.				Study of teaching materials (*) Additional readings (*) Free practice (*)	1,5	6
1	2	Guided practice and exercises regarding Lesson T1			Comp. cl.	Solving practical exercises proposed by the teacher (*) (*) All weeks 1-14	1,5	
2	3	Lesson T2: HTML (I): Evolution, versions, and basic structural and semantic elements				Free practice with HTML basic structural and semantic elements	1,5	6
2	4	Guided practice and exercises regarding Lesson T2			Comp. cl.		1,5	
3	5	Lesson T3: HTML (II): Body: block and text elements, links, images and other digital objects. Introducing the required reading L1				Required reading L1 Free practice with HTML basic structural and semantic elements, and addition of links, images and other digital objects	1,5	6
3	6	Guided practice and exercises regarding Lesson T3			Comp. cl.		1,5	
4	7	Lesson T4: HTML (III): Lists, tables, HTML5 structures and Web publishing				Required reading L1 Free practice with HTML lists, tables and HTML5 new elements, and with publication in a web server	1,5	6
4	8	Guided practice and exercises regarding Lesson T4			Comp. cl.		1,5	

5	9	Lesson T5: CSS (I): Syntax and integration with HTML and XML				Required reading L1 Free practice with addition of CSS style properties to HTML documents	1,5	6
5	10	Guided practice and exercises regarding Lesson T5			Comp. cl.		1,5	
6	11	Lesson T6: CSS (II): Selectors and the principles of inheritance and cascade				Required reading L1 Free practice with CSS internal and external stylesheets	1,5	6
6	12	Guided practice and exercises regarding Lesson T6			Comp. cl.		1,5	
7	13	Lesson T7: CSS (III): Style properties				Required reading L1 Free practice with CSS internal and external stylesheets	1,5	6
7	14	Guided practice and exercises regarding Lesson T7 Test CL1 regarding required reading L1			Comp. cl.		1,5	
8	15	General review of theoretical and practical aspects of lessons T1-T7 and doubt solving Introducing the final group work TF Introducing the required reading L2				Required reading L2 Free Practice with everything covered in lessons T1-T7 Start of group formation	1,5	6
8	16	Test CT1 on theoretical aspects of lessons T1-T7 Test CP1 on practical aspects of lessons T1-T7			Comp. cl.		1,5	
9	17	Lesson T8: XML Schemas: DTD				Required reading L2 Familiarizing with XML editors Free practice with DTD End of group formation and start of elaboration of final group work	1,5	6
9	18	Guided practice and exercises regarding Lesson T8			Comp. cl.		1,5	
10	19	Lesson T9: XML Schemas: XSD				Required reading L2 Free practice with XSD Elaboration of final group work	1,5	6
10	20	Guided practice and exercises regarding Lesson T9			Comp. cl.		1,5	
11	21	Lesson T10: Identifying and Selecting Parts of XML Documents: XPath				Required reading L2 Free practice with XPath Elaboration of final group work	1,5	6
11	22	Guided practice and exercises regarding Lesson T10			Comp. cl.		1,5	
12	23	Lesson T11: Transforming XML documents into HTML: XSLT				Required reading L2 Free practice with XSLT Elaboration of final group work	1,5	6
12	24	Guided practice and exercises regarding Lesson T11			Comp. cl.		1,5	
13	25	Lesson T12: Other XML standards and markup languages of interest in the field of information units and centers				Required reading L2 Free practice with analyzing XML languages Elaboration of final group work	1,5	6
13	26	Guided practice and exercises regarding Lesson T12 Test CL2 regarding required reading L2			Comp. cl.		1,5	

14	27	General review of theoretical and practical aspects of lessons T1 and T8-T12 and doubt solving					1,5	6
14	28	Test CT1 on theoretical aspects of lessons T1 and T8-T12 Test CP1 on practical aspects of lessons T1 and T8-T12			Comp. cl..	Free Practice with everything covered in the course Elaboration of final group work	1,5	
Subtotal 1							42	84
Total 1 (Hours of class plus student homework hours between weeks 1-14)							126	

15		Tutorials, handing in, etc.				Review of teaching materials Free Practice with everything covered in the course Delivery of the final group work Delayed completion of undelivered tests Tutorials attendance	7	
16		Assessment			Comp. cl.	Review of teaching materials	3	14
17			Free practice with everything covered in the course					
18			Preparation for assessment Extra tutorials attendance					
Subtotal 2							3	21
Total 2 (Hours of class plus student homework hours between weeks 15-18)							24	

TOTAL (Total 1 + Total 2)							150	
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