

COURSE: Multimedia applications

DEGREE: Audiovisual Systems Engineering YEAR: 3 TERM: 2

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

	WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		SPECIAL ROOM FOR SESSION (Computer	Indicate YES/NO If the session	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS	class room, audio-visual class room)	needs 2 teachers	DESCRIPTION	CLASS HOURS	HOMEWO HOURS (Max. 7 week)
1	1	Course presentation. Introduction to multimedia applications. Module 1. Multimedia web applications Introduction to web technologies	x				Study of concepts covered in class. Readings to be determined.	1,6	
1	2	Web technologies fundamentals excercises		x	Telematic Engineering Lab		Installation of development environment. Exercises.	1,6	4
2	3	Web technologies: HTML and CSS	х				Study of concepts covered in class. Readings to be determined.	1,6	
2	4	Web technologies excercises		Х	Telematic		Exercises.	1,6	5

	\Box			\neg	Engineering		Project development.		T
'	1	I			Lab	1	Project development.		
<u> </u>	+			+	Lan		Study of concepts covered in class. Readings		+
3	5	Web technologies: JavaScript	X		'	1	to be determined.	1,6	
<u> </u>	+	Web technologies: Javascript	^	+	Telematic		to be determined.		4
, '		1				1	F	1.6	
3	6	1			Engineering	1	Exercises.	1,6	
<u></u> '	4	JavaScript: exercises		Х	Lab	+	Project development.		6
4	7	1			'	1	Study of concepts covered in class. Readings	1,6	
<u>'</u> '	<u> </u>	Multimedia and dynamic web	X		<u> </u>	4	to be determined.	-,-	\Box
1		1			Telematic	1			
4	8	1			Engineering	1	Exercises.	1,6	
¹	<u></u> '	Multimedia and dynamic web: exercises		Χ	Lab	L	Project development.		6
_ '		1		T	'	1	Study of concepts covered in class. Readings	1.6	
5	9	HTML5: canvas	Х		'	1	to be determined.	1,6	
1		1			Telematic	1			1
5	10	1			Engineering	1	Exercises.	1,6	
1		HTML5: canvas exercises		Х	Lab	1	Project development.	,	6
<u> </u>				+	+	1	Study of concepts covered in class. Readings		1
6	11	HTML5: advanced concepts	x		'	1	to be determined.	1,6	
├	+			+	Telematic				4
6	12	1			Engineering	1	Exercises.	1,6	
- '		Web technologies project		X	Lab	YES	Project development and documentation.	±,∪	7
<u> </u>				 			Study of concepts covered in class. Readings		+ -
7	13	Complementary technologies	X		'	1	to be determined.	1,6	
ļ'	+	Complementary technologies	^	+	Telematic		to be determined.		4
7	14	1				1	Exercises.	1 6	
/ 1	14	Inter-the-decimal marines			Engineering			1,6	7
<u> </u>	+	Web technologies project		X	Lab	YES	Project development and documentation.		
8	15	1			'	1	Study of concepts covered in class. Readings	1,6	
<u></u> '	 '	Web technologies	Х		<u> </u>	+	to be determined.		_
_ '		1			Telematic	1	Exercises.	_	
8	16	1			Engineering	1	Project development, documentation and	1,6	
<u></u> '	'	Web technologies project		Х	Lab		presentation.		7
9	17	1		T	Τ '	1	Study of concepts covered in class. Readings	1,6	T
<u> </u>	1,	Web technologies project (evaluation)	Х		'	1	to be determined.	<u> </u>	
,		1			Telematic	1			1
9	18	1			Engineering	1		1,6	
1		Web technologies project (evaluation)		Х	Lab	1	Exercises and project.	-	7
10	19	Module 2. Multimedia applications	Х	+	1	1	Study of concepts covered in class. Readings	1,6	7
,	' ــــــــــــــــــــــــــــــــــــ	Wodale 2. Waltimedia applications			'		Study of concepts covered in class. headings		<i>.</i>

		Multimedia framework introduction and architecture					to be determined.		
10	20	Introduction to course project: design and development of a multimedia application. Framework fundamentals exercises		х	Telematic Engineering Lab		Exercises. Project development.	1,6	
11	21	Introduction to multimedia application programming	Х				Study of concepts covered in class. Readings to be determined.	1,6	
11	22	Introduction to multimedia application programming exercises		х	Telematic Engineering Lab		Exercises. Project development.	1,6	7
12	23	Advanced concepts	Х				Study of concepts covered in class. Readings to be determined.	1,6	
12	24	Project		Х	Telematic Engineering Lab		Exercises. Project development.	1,6	7
13	25	Multimedia communication and transmission: RTP	х				Study of concepts covered in class. Readings to be determined.	1,6	
13	26	Project		х	Telematic Engineering Lab	YES	Exercises. Project	1,6	7
14	27	Recap	х				Study of concepts covered in class. Readings to be determined.	1,6	
14	28	Project		Х	Telematic Engineering Lab	YES	Exercises. Project.	1,6	7
9	29	Project Evaluation		х	Telematic Engineering Lab		Project.	1,6	
							Subtotal 1	48,33	90
Total 1 (Hours of class plus student homework hours between weeks 1-14)						138,33	3		
15		Tutorials, handing in, etc	<u> </u>					8	
16		4							
17	ļ	Assessment						3	
18			<u></u>						30
			_				Subtotal 2	3	38

TOTAL (Total 1 + Total 2. <u>Maximum 180 hours</u>)	179,33

Total 2 (Hours of class plus student homework hours between weeks 15-18)

41