Universidad Carlos III de Madrid
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COURSE: ELECTRONIC SECURITY SYSTEMS		
MASTER: ELECTRONIC SYSTEMS ENGINEERING AND APPLICATIONS	**YEAR: 2014-15**	**TERM: 2st**

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom…)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS/ LAB[1]		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Personal ID Introduction	X			Previous reading. Answering questions about background.	1,5	3
1	2	Introduction to Biometric Recognition	X			Previous reading, *Study the subject*	1,5	
2	3	Biometrics Capture Systems	X			Previous reading, *Study the subject*	1,5	4
2	4	Fingerprints	X			Previous reading, *Study the subject. Solve a given problem set*	1,5	
3	5	Facial and Iris Recognition	X			Previous reading, *Study the subject*	1,5	4
3	6	Handwritten Signature	X			Previous reading, *Study the subject*	1,5	
4	7	Voice and Hand Geometry Recognition	X			Previous reading, *Study the subject*	1,5	5
4	8	Vascular Biometrics	X			Previous reading, *Study the subject*	1,5	
5	9	Multimodal Biometrics	X			Previous reading, *Study the subject*	1,5	5
5	10	Web authentication systems	X			Previous reading, *Study the subject*	1,5	
6	11	ID Cards	X			Previous reading, *Study the subject*	1,5	5
6	12	ID Smart Cards	X			Previous reading, *Study the subject. Solve a given problem set*	1,5	
7	13	Cryptography Secret and Public Keys	X			Previous reading, *Study the subject*	1,5	5
7	14	Biometrics security, Confidentiality, Authenticity and Integrity	X			Previous reading, *Study the subject*	1,5	
						Subtotal 1	**21**	**34**
						Total 1 *(Hours of class plus student homework hours between weeks 1-7)*	**55**	
1-7		Tutorials, handing in, etc					10	
8		Assessment				Study the Exam and solve given problem set	3	7
						Subtotal 2	**3**	**17**
						Total 2 *(Hours of class plus student homework hours at week 8)*	**20**	
TOTAL *(Total 1 + Total 2)*							**75**	

[1] **A maximum of 1-2 lab sessions**