

COURSE: CRYPTOGRAPHY AND COMPUTER SECURITY		
DEGREE: COMPUTER SCIENCE AND ENGINEERING	YEAR: 2019/2020	TERM: 2º

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			L E C T U R E S	S E M I N A R S		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
1	1	PRESENTATION. MATHEMATICAL BACKGROUND	X				1.66	6.5
	2	MATHEMATICAL BACKGROUND		X			1.66	
2	3	MATHEMATICAL BACKGROUND	X				1.66	6.5
	4	MATHEMATICAL BACKGROUND		X			1.66	
3	5	INTRODUCTION TO CRYPTOGRAPHY	X			ADDITIONAL SESSION: CLASSICAL CRYPTOGRAPHY	1.66	6.5
	6	CLASSICAL CRYPTOGRAPHY		X			1.66	
4	7	SYMMETRIC ENCRYPTION	X				1.66	6.5
	8	SYMMETRIC ENCRYPTION		X			1.66	
5	9	SYMMETRIC ENCRYPTION	X				1.66	6.5
	10	SYMMETRIC ENCRYPTION		X			1.66	
6	11	KEY EXCHANGE AND ASYMMETRIC ENCRYPTION	X				1.66	6.5
	12	LABS - SESSION 1 - GROUP 1		X	COMPUTER		1.66	
7	13	KEY EXCHANGE AND ASYMMETRIC ENCRYPTION	X			ADDITIONAL SESSION: KEY EXCHANGE AND ASYMMETRIC ENCRYPTION	1.66	6.5

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	14	LABS - SESSION 1 - GROUP 2		X	COMPUTER		1.66	
8	15	MID-TERM EXAM	X				1.66	6.5
	16	LABS - SESSION 2 - GROUP 1		X	COMPUTER		1.66	
9	17	HASH FUNCTIONS AND MAC	X				1.66	6.5
	18	LABS - SESSION 2 - GROUP 2		X	COMPUTER		1.66	
10	19	DIGITAL SIGNATURE	X			ADDITIONAL SESSION: DIGITAL SIGNATURE	1.66	6.5
	20	LABS - SESSION 3 - GROUP 1		X	COMPUTER		1.66	
11	21	DIGITAL SIGNATURE	X				1.66	6.5
	22	LABS - SESSION 3 - GROUP 2		X	COMPUTER		1.66	
12	23	PKI	X				1.66	6.5
	24	LABS - SESSION 4 - GROUP 1		X	COMPUTER		1.66	
13	25	PKI	X				1.66	6.5
	26	LABS - SESSION 4 - GROUP 2		X	COMPUTER		1.66	
14	27	LAB EXAM	X				1.66	6.5
	28	USER AUTHENTICATION		X		ADDITIONAL SESSION: FINAL EXAM PROBLEMS	1.66	
	29	Additional session: WRAP UP - FINAL EXAM PROBLEMS	X				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		Assessment					4	10
17								
18								
Subtotal 2							8	10

WEEKLY PLANNING								
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			L E C T U R E S	S E M I N A R S		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 6,5h)
<i>Total 2 (Hours of class plus student homework)</i>						18		
TOTAL (<i>Maximun 160 horas</i>)						160		