

IA455 Contemporary Issues in Information Assurance					
Fall 2018 Syllabus / Mack 005 / MWF 13:00:03-13:49:57					
Prof M. E. Kabay, PhD, CISSP-ISSMP					
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Wk	Day	Date	Topics	Class-leadership teams	Exam, Term Paper & In-class Presentation Deadlines
1	Mon	27-Aug	INTRODUCTION TO COURSE	MK	
	Wed	29-Aug	RESOURCES		
	Fri	31-Aug	AWARENESS		
2	Mon	3-Sep	LABOR DAY		MK
	Wed	5-Sep	FRAUD		
	Fri	7-Sep	Planning session		
3	Mon	10-Sep	BREACHES	MK	DISCUSS POSSIBLE TOPICS WITH INSTRUCTOR – NO DUPLICATES APPROVED, SO POST YOUR REQUEST PROMPTLY ON NUOODLE
	Wed	12-Sep	PRIVACY		
	Fri	14-Sep	HIPAA		
4	Mon	17-Sep	EXPLOITS		Project Topic Must be Approved via Nuoodle Upload
	Wed	19-Sep	ZERO-DAY EXPLOITS		
	Fri	21-Sep	MALWARE, ANTIMALWARE		
5	Mon	24-Sep	RATS		MT Memo-Exam #1 Opens via Nuoodle Download at 00:05 MON 25 SEP – covers weeks 1-4 only
	Wed	26-Sep	RANSOMWARE		
	Fri	28-Sep	MITMA		
6	Mon	1-Oct	DENIAL OF SERVICE		MT Memo-Exam #1 DUE via Nuoodle Upload deadline 23:55 FRI 6 OCT
	Wed	3-Oct	SPAM		
	Fri	5-Oct	BOTS & BOTNETS		
7	Mon	8-Oct	HACKERS & HACKS		Work on Term Project – DON'T HESITATE TO DISCUSS RESEARCH/WRITING W/ INSTRUCTOR
	Wed	10-Oct	VULNERABILITIES		
	Fri	12-Oct	BACKDOORS		
8	Mon	15-Oct	CODE SECURITY		Work on Term Project – DON'T HESITATE TO DISCUSS RESEARCH/WRITING W/ INSTRUCTOR
	Wed	17-Oct	CLOUD SECURITY		
	Fri	19-Oct	MID-SEMESTER BREAK		
9	Mon	22-Oct	SCADA/ICS		Opt. Draft Review Open for Project Reports -- in person only in Mack 423 or by Skype file- and screen-sharing; deadline for review is 16:00 FRI 16 NOV
	Wed	24-Oct	IoT		
	Fri	26-Oct	DATA LEAKAGE		
10	Mon	29-Oct	BYOD		Opt. Draft Review Open for Project Reports -- in person only in Mack 423 or by Skype file- and screen-sharing; deadline for review is 16:00 FRI 16 NOV
	Wed	31-Oct	DATA LOSS PREVENTION		
	Fri	2-Nov	AUTHENTICATION		
11	Mon	5-Nov	INTRUSION DETECTION		Opt. Draft Review Open for Project Reports -- in person only in Mack 423 or by Skype file- and screen-sharing; deadline for review is 16:00 FRI 16 NOV
	Wed	7-Nov	INCIDENT RESPONSE		
	Fri	9-Nov	DIGITAL FORENSICS		
12	Mon	12-Nov	PENETRATION TESTING		Final Memo Exam opens
	Wed	14-Nov	SIEM		
	Fri	16-Nov	INFOWAR		
13	Mon	19-Nov	THANKSGIVING BREAK		Final Memo Exam opens
	Wed	21-Nov			
	Fri	23-Nov			
13	Mon	26-Nov	CRYPTO		Final Memo Exam Closes 20:30 WED 12 DEC 2018
	Wed	28-Nov	CRYPTO WARS		
	Fri	30-Nov	ADVANCED PERSISTENT THREATS (APTs)		
14	Mon	3-Dec	STUDENT RESEARCH-TOPIC PRESENTATIONS - SCHEDULE WILL BE POSTED BY PROF		Submit Term Project Report by 23:55 SUN 2 DEC 2018
	Wed	5-Dec			
	Fri	7-Dec			
15	Mon	10-Dec			Final Memo Exam Closes 20:30 WED 12 DEC 2018
	Tue	11-Dec			