Planned Syllabus

#	date	topic	notes
1.	Thu, Sep 28	Introduction; what is computer security	
	Fri, Sep 29	*Discussion*: ***to be arranged***	
2.	Tue, Oct 3	Robust programming	
3.	Thu, Oct 5	Robust programming, security in programming	
	Fri, Oct 6	*Discussion*: ***to be arranged***	
4.	Tue, Oct 10	Security in programming, vulnerabilities analysis	***homework 1 due***
5.	Thu, Oct 12	Models of vulnerabilities, penetration testing	
6.	Fri, Oct 13	*Discussion*: Security policies	
	Tue, Oct 17	***no class*** (SANS Network Security)	
	Thu, Oct 19	***no class*** (SANS Network Security)	
7.	Fri, Oct 20	*Discussion*: Auditing and analyzing attacks	
8.	Tue, Oct 24	Confidentiality and integrity policies	***homework 2 due***
9.	Thu, Oct 26	Integrity policies	
	Fri, Oct 27	*Discussion*: ***to be arranged***	
10.	Tue, Oct 31	Basic Cryptography	
11.	Thu, Nov 2	Key management and cipher techniques	
	Fri, Nov 3	*Discussion*: ***to be arranged***	
12.	Tue, Nov 7	Authentication	***homework 3 due***
13.	Thu, Nov 9	***midterm***	
	Fri, Nov. 10	***no class*** (Veterans Day):	
14.	Tue, Nov. 14	Identity	
15.	Thu, Nov. 16	Access control mechanisms	
	Fri, Nov. 17	*Discussion*: ***to be arranged***	
16.	Tue, Nov 21	Access control mechanisms (*con't*)	***homework 4 due***
	Thu, Nov 23	***no class*** (Thanksgiving)	
	Fri, Nov 24	*Discussion*: ***no class*** (Thanksgiving)	
17.	Tue, Nov 29	Assurance I: specification, design, implementation	
18.	Thu, Dec 1	Assurance II: testing, proving correctness	
	Fri, Dec 2	*Discussion*: ***to be arranged***	
19.	Tue, Dec 5	Malicious logic	
20.	Thu, Dec 7	Intrusion detection	***homework 5 due***
	Fri, Dec 8	*Discussion*: ***to be arranged***	
	Tue, Dec 12	***final exam***	8:00 AM to 10:00 AM