Planned Syllabus

#	date	topic	reading[a] and notes
1.	Tue, Apr 1	Introduction to computer security	§1, §13
2.	Thu, Apr 3	Access control matrix, HRU result; Take-Grant	§2, §3.1–3.3
3.	Tue, Apr 8	Take-Grant; SPM, expressive power	§3.3–3.4
4.	Thu, Apr 10	Policies, Bell-LaPadula Model	§4.1–4.4, 4.7; §5.1–5.3
5.	Tue, Apr 15	System Z; Integrity models	§5.4, §6
6.	Thu, Apr 17	Chinese Wall Model, CISS, ORCON, RBAC	§7
7.	Tue, Apr 22	Noninterference, Nondeducibility	§8.1–8.3
8.	Thu, Apr 24	More Noninterference, Nondeducibility	§8.4–8.5
9.	Tue, Apr 29	Cryptography: classical, public key, checksums	§9
10.	Thu, May 1	Key management	§10
11.	Tue, May. 6	Applying ciphers	§11
12.	Thu, May. 8	Authentication and identity	§12, §14
13.	Tue, May 13	Access control mechanisms	§15
14.	Thu, May 15	Information flow	§16
15.	Tue, May 20	Confinement, isolation, covert channels	§17
16.	Thu, May 23	Assurance in systems	§18, §19.1
17.	Tue, May 27	More assurance, evaluation of systems	§19.2–19.3, §21
18.	Thu, May 29	Formal Methods	§20
19.	Tue, June 3	Vulnerability analysis	§23
20.	Thu, June 5	Auditing	§24

a. Unless otherwise noted, all readings are from the text.

This syllabus is *tentative* and subject to change as needed. If there is a topic you want to hear about and it is in the syllabus, please let me know. I won't promise to cover it, but I may ….