



Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		What security is about in general?		
2		Information security in past and present		
3		Factor on Computer Crime		
4		Information System Security Classification		
5		Classification based on Function		
6		Type of Attacks		
7		Networking Simple Principle		
8		10 Steps to Better Security		
9		10 Steps to Better Security		
10		Networked Storage Security Guidelines		
11		Encryption		
12		Symmetric and Public Key Systems		
13		The Security Challenge		
14		The Future of Security		
15		Basic Terminology of Cryptography		
16		Historical secret key cryptography		
Half-year Break				
17		Application in High (Junior) School		
18		Application in High (Junior) School		
19		Application in High (Junior) School		
20		Application in High (Junior) School		
21		Application in High (Junior) School		
22		Application in High (Junior) School		
23		Caesar's cipher		
24		Monoalphabetic ciphers, Playfair cipher		
25		Transposition or Permutation, Diffusion		
26		Taxonomy of network security		
27		Vernam, One-time pad cipher		
28		Rotor machines		
29		Enigma		
30		Stream Cipher		
31		Block Cipher		
32		Data Encryption Standard		