



CSC 519: Computer Security Course Syllabus

Instructor	Dr. Jalal Al-Muhtadi, jalal@ccis.edu.sa (Put CSC519 on subject line!)
Office Hours	By appointment over email.
Class Homepage	http://www.ccis.edu.sa/~csc519g/

Some of the topics we will be covering:
Introduction to Security & Basic Terminology
Threats and vulnerabilities
Basic Cryptography
Security Engineering & Design Principles
Identification & Authentication
Access Control
Security Policies
Intrusion Detection
Risk Assessment
Network Security Technologies

Programming Assignments (PAs)	30 %
Term Paper & Presentation	20 %
Midterm 1	20 %
Final	30 %

Textbooks:

- * Security Engineering, Ross Anderson
(available online @ <http://www.cl.cam.ac.uk/~rja14/book.html>)
- * Introduction to Computer Security, Matt Bishop (reference)