

SPRING 2013

Computer Science Special Topics

CS 591 Section 2

Tuesday & Thursday
2:00 – 3:15 p.m.
Lindegren 18

Instructor -
Dr. Kemal Akkaya

Computer Security

A broad overview of the principles, mechanisms, and implementations of computer security. Topics include cryptography, web security, certificates, email security, wireless security, VPN and firewalls, intrusion detection, access control, user authentication, biometrics, software security and malware. Hands-on assignments with practical tools and programming.

Prerequisite: CS 306 (grade of “C” or better) or approval of instructor.

Textbook: Stallings, William. *Cryptography & Network Security*, 5th edition, Prentice-Hall, 2011, ISBN: 9780136097044.