CS291 Special Topics on Network Security

Fall 2005

Time/Room: Tuesday/Thursday 11am-12:15pm, 306 Featheringill Hall

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Course description
This course provides an introduction to the principles and practice of network security. Topics include: security threats in networks, principles for providing security mechanisms (cryptography, key management, authentication), practice of securing systems (PGP, IPSec, SSL), and recent research topics in network security.

Credit: 3 credit hours

Prerequisite
The course requires a background in computer networks (e.g. cs283 or equivalent) and programming experience (e.g., cs201 or cs270 or equivalent).

Textbook

Reference books

Grading policy
Class participation: 10%
Homework: 30%
Midterm: 25%
Project: 35%