

# IS 2150 / TEL 2810

## Introduction to Security



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Lecture 1  
August 30, 2011



# Contact

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# Course Goals

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- to develop a broader understanding of the information security field,
  - *Recognize, analyze and evaluate* security problems and challenges in networks and systems.
  - *Apply* their knowledge to synthesize possible approaches to *solve* the problems in an integrated way.

*Recognize* the various security issues/terminologies related to software, networks and applications to *show* how they are interrelated and available techniques and approaches to solve/tackle security problems.

*Analyze and evaluate* the fundamentals of security policy models and mechanisms, and their need for different types of information systems and applications

*Apply* the basics of Cryptographic techniques and network security for ensuring the basic security goals of security of information systems.

*Describe/identify* the various basic social, legal and non-technical dimensions of security and its relation to technical counterparts.