INFO 391: Intro to Info Security

Provides a comprehensive introduction and study into a broad selection of contemporary information systems security issues, concepts and policies, including the survey of state-of-the art technology used to address security problems. Topics of study include core security mechanisms of access control and integrity, basic cryptography techniques (private and public key cryptography), assurance, authentication, digital signatures and database security mechanisms.   The course discusses security policy and privacy issues for information systems protection and detection, as well as an overview of recent trends in commercial products and applications and security research in basic network security, intrusion detection. Case studies, demonstrations, hands-on exercises, and guest speakers are used to supplement classroom discussions.
Credits: 3
Prerequisites/Permissions:
INFO 204 (C), B-School Major/Minor, EA School
Program:

Computer Based Information Systems

COURSE DESCRIPTIONS