INFO 393: Network/Internet Sec Mgmt

Provides a detailed perspective on protecting computer-based information in a modern networked environment is provided in this course. A wide range of technical issues and topics including a study of network and distributed systems security, web security, network threats, vulnerabilities and risks, computer crime, encryption and virtual private networks, and current network security technologies such as firewalls and intrusion detection are covered. Look at topics from a systems viewpoint. Security services, confidentiality, authentication, integrity, access control, non-repudiation, and their integration in network protocols are covered. Topics include security architectures, multilevel systems, and security management and monitoring. A methodology for performing a risk tradeoff analysis is presented. Case studies, demonstrations, hands-on exercises, and simulations are used to enhance classroom discussions.

Credits: 3
Prerequisites/Permissions:
INFO 204 (C), B-School Major/Minor
Program:

Computer Based Information Systems

COURSE DESCRIPTIONS