

NETWORK SECURITY MANAGEMENT (NSM)

NSM 815. Foundations of Network Security. (3 Credits)

A. Prerequisites: Departmental Approval. Advanced network security auditing, defense techniques and countermeasures. Network security issues related to hardware and software, for small-to-medium business (SMB) and enterprise-level networks. 2 Lec/2 Lab.

View Course Learning Outcomes

1. {}

NSM 845. Advanced Server Security. (3 Credits)

A. Prerequisites: Departmental approval. Security management, planning, designing, performance tuning and troubleshooting servers for small-to-medium businesses (SMBs) and enterprises. Hardening services such as web, DNS, file, Directory, and Terminal access. 2 Lec/2 Lab.

View Course Learning Outcomes

1. {}

NSM 865. Wireless & Mobile Security. (3 Credits)

A. Prerequisites: NSM 815 or departmental approval. Advanced wireless and mobile computing security consideration in small-to-medium business (SMB) and enterprise level networks: Security auditing, standards, protocols, vulnerabilities, attacks, countermeasures, network planning, management, and troubleshooting. 2 Lec/2 Lab.

View Course Learning Outcomes

1. {}

NSM 895. Special Topics in NSM. (3 Credits)

A. Prerequisites: NSM 815 or Departmental Approval. Emerging technologies in the area of advanced computer networking or telecommunications security, including LAN/WAN/SAN system administration, hardware, software, virtualization, operating systems, scripting, and related industry certifications. 2 Lec/ 2 Lab.

View Course Learning Outcomes

1. {}