

COURSES

INFORMATION SYSTEMS SECURITY

SEC-110 Security Concepts

Lec 2 Lab 2 Clinic 0 Credit 3

This course introduces the concepts and issues related to securing information systems and the development of policies to implement information security controls. Topics include the historical view of networking and security, security issues, trends, security resources, and the role of policy, people, and processes in information security. Upon completion, students should be able to identify information security risks, create an information security policy, and identify processes to implement and enforce policy.

Co-Requisites: None

Pre-Requisites: None

SEC-160 Security Administration I

Lec 2 Lab 2 Clinic 0 Credit 3

This course provides an overview of security administration and fundamentals of designing security architectures. Topics include networking technologies, TCP/IP concepts, protocols, network traffic analysis, monitoring, and security best practices. Upon completion, students should be able to identify normal network traffic using network analysis tools and design basic security defenses.

Co-Requisites: None

Pre-Requisites: None