Understanding Cisco Cybersecurity Fundamentals - (SECFND)

Course Details

Course Outline

1. **TCP/IP and Cryptography Concepts**
    a. Understanding the TCP/IP Protocol Suite
    b. Understanding the Network Infrastructure
    c. Understanding Common TCP/IP Attacks
    d. Understanding Basic Cryptography Concepts

2. **Network Applications and Endpoint Security**
    a. Describing Information Security Concepts
    b. Understanding Network Applications
    c. Understanding Common Network Application Attacks
    d. Understanding Windows Operating System Basics
    e. Understanding Linux Operating System Basics
    f. Understanding Common Endpoint Attacks
    g. Understanding Network Security Technologies
    h. Understanding Endpoint Security Technologies

3. **Security Monitoring and Analysis**
    a. Describing Security Data Collection
    b. Describing Security Event Analysis

4. **LABS**
    a. Lab: Explore the TCP/IP Protocol Suite
    b. Lab: Explore the Network Infrastructure
    c. Lab: Explore TCP/IP Attacks
    d. Lab: Explore Cryptographic Technologies
    e. Lab: Explore Network Applications
    f. Lab: Explore Network Application Attacks
    g. Lab: Explore the Windows Operating System
    h. Lab: Explore the Linux Operating System
    i. Lab: Explore Endpoint Attacks
    j. Lab: Explore Network Security Technologies
    k. Lab: Explore Endpoint Security
    l. Lab: Explore Security Data for Analysis