

CCNA Security

Course Details:

Target Audience: 2-year and 4-year collegestudents in Networking or Engineering programs

Estimated Time to Completion: 70 hours (3 weeks)

Prerequisites: CCNA: Switching, Routing, and Wireless Essentials (or equivalent)

Course Delivery: Instructor-led

Learning Component Highlights:

- 11 chapters and 16 practice labs
- 13 Cisco Packet Tracer activities
- 65+ interactive activities, quizzes, chapter exams, and skills assessments
- 1 final exam

Course Recognitions: Certificate of Completion, Letter of Merit, Digital Badge

Recommended Next Course: CyberOps Associate, IoT Security

Course Outline:

- Modern Network Security Threats
- Securing Network Devices
- Authentication, Authorization, and Accounting
- Implementing Firewall Technologies
- Implementing Intrusion Prevention
- Securing the Local Area Network
- Cryptographic Systems
- Implementing Virtual Private Networks
- Implementing the Cisco Adaptive Security Appliance
- Advanced Cisco Adaptive Security Appliance
- Managing a Secure Network