

Cisco Certified Support Technician (CCST) Cybersecurity

Course Outline

Module 1: Introduction to Cybersecurity Principles

- Explore the fundamentals of cybersecurity, including core principles of confidentiality, integrity, and availability.
- Overview of the cybersecurity landscape and common security threats

Module 2: Network Security Essentials

- Understanding network security basics, including firewall configurations, network segmentation, and access control.
- Recognizing network threats and implementing primary defense mechanisms

Module 3: Endpoint Security Fundamentals

- Learn about endpoint security tools and best practices.
- Securing devices and applications against malware, unauthorized access, and other common threats.

Module 4: Vulnerability Assessment and Risk Management

- Conducting basic vulnerability assessments.
- Identifying and managing risks through established frameworks and procedures.

Module 5: Incident Handling and Response

- Overview of incident response processes, including detection, containment, and eradication.
- Incident documentation, communication, and reporting best practices.