



BREWSTER TECHNOLOGY

COMPUTER TRAINING & SERVICE

www.brewstertech.com

16 MOUNT EBO ROAD SOUTH, SUITE 18 • BREWSTER • NEW YORK • 10509
Phone - (845) 279-9400 • Fax - (845) 279-9413

What's in Security+ Certification:

In this course students will learn the basics of security. It is recommended for individuals who are new to IT Security as well as IT professionals for a refresher. Students will acquire a wide range of security concepts, including access control, authentication, external attacks, social engineering, infrastructure security, cryptography, and organization security.

Target Audience:

Individuals looking to enhance their training in network security.

Prerequisites:

CompTIA A+ and Network+.

Duration:

30 hours



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Topics Covered:

Security Fundamentals

- The Information Security Cycle
- Information Security Controls
- Authentication Methods
- Cryptography Fundamentals
- Security Policy Fundamentals

Security Threats and Vulnerabilities

- Social Engineering
- Physical Threats and Vulnerabilities
- Network-Based Threats
- Wireless Threats and Vulnerabilities
- Software-Based Threats

Network Security

- Network Devices and Technologies
- Network Design Elements and Components
- Implement Networking Protocols
- Apply Network Security Administration Principles
- Secure Wireless Traffic

Managing Application, Data, and Host Security

- Establish Device/Host Security
- Application Security
- Data Security
- Mobile Security

Access Control, Authentication, and Account Management

- Access Control and Authentication Services
- Implement Account Management Security Controls

Managing Certificates

- Install a CA Hierarchy
- Enroll Certificates
- Secure Network Traffic by Using Certificates
- Renew Certificates
- Revoke Certificates
- Back Up and Restore Certificates and Private Keys

Compliance and Operational Security

- Physical Security
- Legal Compliance
- Security Awareness and Training

Risk Management

- Risk Analysis
- Implement Vulnerability Assessment Tools and Techniques
- Scan for Vulnerabilities
- Mitigation and Deterrent Techniques

Managing Security Incidents

- Respond to Security Incidents
- Recover from a Security Incident

Business Continuity and Disaster Recovery Planning

- Business Continuity
- Plan for Disaster Recovery
- Execute DRPs and Procedures