

## Tactical Security Network + Training

The Tactical Security + training course is designed to sharpen your knowledge of the foundational security concepts assessed in the CompTIA Network+™ exam. Thru the use of hands-on labs, instructor led demos and lecture you will gain real-world knowledge of how to implement and troubleshoot your network while preparing for your certification.

### Course Outline

- 1) Network & Protocol Fundamentals
    - a. OSI model
    - b. Media and Topologies
    - c. Protocols and Standards  
Hands- On Labs
  - 2) Internet Protocols
    - a. IP Addressing
    - b. IP Addressing Methods
    - c. TCP/IP Protocols
    - d. TCP and UDP Port Numbers  
Hands-On Labs
  - 3) WAN and Remote Connectivity
    - a. WAN Technologies
    - b. Internet Access Technologies
    - c. Remote Access Protocols and Services
    - d. Authentication
    - e. Encryption  
Hands-On Labs
  - 4) Network Implementation
    - a. Server Operating Systems
    - b. Client Network Connectivity Requirements
    - c. Wiring Tools
  - d. Remote Connectivity Scenarios
  - e. Security Implementation
  - f. Intranets and Extranets
  - g. Antivirus Software
  - h. Fault Tolerance
  - i. Disaster Recovery  
Hands-On Labs
- 5) Network Support
    - a. Troubleshooting Utilities.
    - b. Identify When, Where and How to use Troubleshooting Utilities.
    - c. Troubleshoot Scenarios Involving Services.
    - d. Identify Hardware Problems.
    - e. Utilize the Eight Troubleshooting Steps.