Information Technology

CompTIA Pentest+

Course Introduction

As business organizations begin to scramble to protect themselves and their customers against privacy or security breaches, the ability to conduct penetration testing is an emerging skill set that is becoming ever more valuable to the organisations seeking protection, and ever more lucrative for those who possess these skills.

Target Audience

- Cloud Computing Engineer
- Computer Network Specialist
- Computer Support Specialist
- Database Administrator
- Information Technology Analyst
- Information Technology Leadership
- Information Security Specialist
- Software/Application Developer
- Web Developer
- Technology sales consultant

Learning Objectives

This training course is designed to provide participants with the fundamental concepts and methodologies related to pen testing, and you will work your way through a simulated pen test for a fictitious company.

Course Outline

- **Day 01**

  PLANNING AND SCOPING PENETRATION TESTS

  - Introduction to Penetration Testing Concepts
  - Plan a Pen Test Engagement
  - Scope and Negotiate a Pen Test Engagement
  - Prepare for a Pen Test Engagement

  CONDUCTING PASSIVE RECONNAISSANCE

  - Gather Background Information
  - Prepare Background Findings for Next Steps
- **Day 02**

  PERFORMING NON-TECHNICAL TESTS

  - Perform Social Engineering Tests
  - Perform Physical Security Tests on Facilities

  CONDUCTING ACTIVE RECONNAISSANCE

  - Scan Networks
  - Enumerate Targets
  - Scan for Vulnerabilities
  - Analyze Basic Scripts

- **Day 03**

  ### ANALYSING VULNERABILITIES

    - Analyze Vulnerability Scan Results
    - Leverage Information to Prepare for Exploitation

  ### PENETRATING NETWORKS

    - Exploit Network-Based Vulnerabilities
    - Exploit Wireless and RF-Based Vulnerabilities
    - Exploit Specialized Systems
- **Day 04**

  ### EXPLOITING HOST-BASED VULNERABILITIES

    - Exploit Windows-Based Vulnerabilities
    - Exploit *Nix-Based Vulnerabilities

  ### TESTING APPLICATIONS

    - Exploit Web Application Vulnerabilities
    - Test Source Code and Compiled Apps
- **Day 05**

  ### COMPLETING POST-EXPLOIT TASKS

    - Use Lateral Movement Techniques
    - Use Persistence Techniques
    - Use Anti-Forensics Techniques

  ### ANALYZING AND REPORTING PEN TEST RESULTS

    - Analyze Pen Test Data
    - Develop Recommendations for Mitigation Strategies
    - Write and Handle Reports
    - Conduct Post-Report-Delivery Activities

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 19, 2025	May 23, 2025	5 days	4250.00 $	UAE - Dubai
July 28, 2025	Aug. 1, 2025	5 days	4950.00 $	Malaysia - kuala lumpur
Dec. 15, 2025	Dec. 19, 2025	5 days	4250.00 $	UAE - Abu Dhabi