Certified Penetration Testing Consultant

Modality: On Demand

Duration: 7 Hours

About this course:

First, we need to understand what the Penetration Testing is. Penetration testing is also known as pen-testing. It is the act of testing a web application, network, or computer system to discover vulnerabilities that an attacker could use. Penetration testing usually incorporates application security testing and network penetration testing along with processes and controls around the applications and network and must occur from both inside the network and from outside the network attempting to come in. This certification course is aimed at IT Network Administrators and IT Security Professionals who are engaged in doing Penetration tests against huge network frameworks like telecommunication companies, large corporate network and service providers. This training course assists the candidates in preparation for the [C)PTC - Certification Exam](#).

The average salary for Certified Penetration Testing Consultant is **$88,080** per year.

Course Objective:

After finishing this course, candidates will learn to:

- Develop an industry-recognized pen testing process

Audience:

This course is designed for:

- Security Auditors
- Penetration Testers
- Cyber Security Admins/Managers
- Ethical Hackers
- IS Security Officers

Prerequisites:

- At least 2 years of experience in Networking Technologies
- Good understanding of TCP/IP
- Knowledge of computer hardware

Suggested prerequisites courses:

- CSLO - Certified Security Leadership Officer
- LFS211 - Linux Networking and Administration

- LFS265 - Software Defined Networking Fundamentals

Course Outline:

This Course Includes:

- Module 1 - Pentesting Team Formation
- Module 2 - NMAP Automation
- Module 3 - Exploitation Process
- Module 4 - Fuzzing with Spike
- Module 5 - Writing Simple Buffer Overflow Exploits
- Module 6 - Stack Based Windows Buffer Overflow
- Module 7 - Web Application Security and Exploitation
- Module 8 - Linux Stack Smashing
- Module 9 - Linux Address Space Layout Randomization
- Module 10 - Windows Exploit Protection
- Module 11 - Getting Around SEH and ASLR (Windows)
- Module 12 - Penetration Testing Report Writing