

Advanced Penetration Testing Program

COURSE OVERVIEW:

The Advanced Penetration Testing Course by EC-Council was created as the progression after the ECSA (Practical) to prepare those that want to challenge the Licensed Penetration Tester (Master) certification and be recognized as elite penetration testing professionals. Our training has been designed by the best in the industry and meant to push you to develop the kind of skill that you've been waiting to acquire.

We want to bring out the best in you. Our aim is to push you to your limit while making you solve complex problems that actual penetration testers solve daily in the real world. For four punishing and long days, you will have to perform various tasks until it becomes second nature. This is the foundation of the program.

This program is radically different from the ECSA. In the ECSA course, you are provided guidance on what machines to attack and an initial starting point. In the Advanced Penetration Testing Course, you are presented with minimal network information along with a Scope of Work (SOW). The course was created to provide you with advanced concepts that will help when it comes to attempting the LPT (Master) Certification exam.

In this course, you will learn professional security and penetration testing skills. The course is designed to show advanced concepts like scanning against defenses, pivoting between networks, deploying proxy chains, and using web shells. The last module of the course includes an SOW for each of the various networks we have created for the course. This, combined with the composition of various ranges, mimics a professional penetration test. Time is limited and you will be required to identify the attack surface followed by the weaknesses of the machines that are on the network.

PREREQUISITES:

- Certified Network Defender v1
- Certified Ethical Hacker v10
- EC-Council Certified Security Analyst v10

COURSE OBJECTIVES:

- LPT (Master) certified professionals can:
- Demonstrate a repeatable and measurable approach to Penetration Testing
- Perform advanced techniques and attacks to identify SQL injection, Cross-site scripting (XSS), LFI, RFI vulnerabilities in web applications
- Get access to proprietary EC-Council Penetration Testing methodologies
- Exploit vulnerabilities in Operating systems such as Windows, Linux
- Perform privilege escalation to gain root access to a system Demonstrate 'Out-of-the-box' and 'lateral' thinking
- Identify and bypass perimeter protections
- Perform Perl, Python, and Ruby scripting for the penetration tester
- Perform advanced post-exploitation and persistence tests
- Demonstrate extending Metasploit with custom modules and exploits
- Demonstrate pivoting from external into internal networks
- Avoid the most common mistakes when drafting a professional penetration testing report

COURSE OUTLINE:

- Module 01: Introduction to Vulnerability Assessment and Penetration Testing
- Module 02: Information Gathering Methodology
- Module 03: Scanning and Enumeration
- Module 04: Identify Vulnerabilities
- Module 05: Exploitation
- Module 06: Post Exploitation
- Module 07: Advanced Tips and Techniques
- Module 08: Preparing a Report
- Module 09: Practice Ranges

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience