



# LPT: Advanced Penetration Testing

Course ID #: 1275-270-ZZ-W

Hours: 28

## Course Content

### Course Description:

The LPT (Master) is the world's first fully online, remotely proctored LPT (Master) practical exam, which challenges the candidates through a grueling 18 hours of performance based, hands-on exam categorized into three practical exams for six-hour duration each, which will test your perseverance and focus by forcing you to outdo yourself with each new challenge. The exam requires the candidates to demonstrate a methodical approach to test and validate security defenses. The LPT (Master) exam is developed with close collaboration with SMEs and practitioners around the world after a thorough job role, job task, and skills-gap analysis.

### At Course Completion:

After competing this course, student will be able to:

- 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
- Submit a professional and industry accepted report that achieves management and technical buy-in
- Get access to proprietary EC-Council penetration testing methodologies
- Write exploit codes to gain access to a vulnerable system or application
- 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
- Ensure the integrity and value of the penetration testing certification, in a fully online, remotely proctored certification exam

### Topics:

#### 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 Module