

ECSCA - EC-Council Certified Security Analyst/Licensed Pen Tester

COURSE OVERVIEW:

EC-Council's Penetration Testing Certification Training Course – ECSCA version 9 takes the skills taught in our Certified Ethical Hacker course to the next level by offering cybersecurity professionals a pen test methodology deployed through its hand-on component; EC-Council's online cyber range.

Since CEH came on the market like a whirlwind, over 100,000 IT Security professionals have become Certified Ethical Hackers. Today the term "ethical hacker" has become a baseline, description for an IT Security professional. EC-Council brought you that term.

EC-Council, Certification, CEH, ECSCA, IT Security Track, Security Assessment, Exploiting Vulnerabilities.

The ECSCA penetration tester course was designed by professionals to teach ethical hackers how to apply their hacking skills (Not limited to but including The Five Phases of Ethical Hacking) in a pen test scenario. The scenarios cover the testing of modern infrastructures, operating systems, and application environments while teaching the students how to document and write a penetration testing report.

WHO WILL BENEFIT FROM THIS COURSE?

Ethical Hackers, Penetration Testers Network server administrators, Firewall Administrators, Security Testers, System Administrators, and Risk Assessment professionals.

COURSE OBJECTIVES:

To earn the prestigious EC-Council LPT (Master) Credential, you must successfully pass our most challenging practical exam available. The LPT (Master) practical exam is the capstone to EC-Council's entire information security track; from the Certified Ethical Hacker Program (CEH) to the EC-Council Certified Security Analyst (ECSCA) Program. It all culminates with the ultimate test of your career as a penetration tester – the Licensed Penetration Tester practical exam.

You will need to demonstrate a mastery of the skills required to conduct a full black-box penetration test of a network provided to you by EC-Council on our cyber range, iLabs. You will follow the entire process taught to you through Ethical Hacking and Security Assessment, taking you from reconnaissance, scanning, enumeration, gaining access, maintaining access, then exploiting vulnerabilities that you will have to seek out in a network that only a true professional will be able to break. EC-Council will provide the entire cyber-range through its cloud-based cyber range, iLabs. All tool-sets are provided to you – you bring the skill.

EC-Council, Certification, CEH, ECSCA, IT Security Track, Security Assessment, Exploiting Vulnerabilities "Many have described report writing as one of least preferred, yet arguably one of the most critical parts of any penetration testing engagement." To successfully pass the LPT (Master) practical, you must fully document your penetration test in a complete, professional penetration test report. This report will follow formats learned in the ECSCA program, following industry acceptable, penetration testing, and reporting procedures used by only the top professionals in the industry.

This report will be reviewed and scored based on a complex rubric by other penetration testing professionals dedicating to upholding the value of EC-Council's LPT (Master) Credential and enhancing the professionalization of cybersecurity as a field penetration tester.

COURSE OUTLINE:

- Core Modules include the following:
- Module 1: Security Analysis and Penetration Testing Methodologies
- Module 2: TCP IP Packet Analysis
- Module 3: Pre-penetration Testing Steps
- Module 4: Information Gathering Methodology
- Module 5: Vulnerability Analysis
- Module 6: External Network Penetration Testing Methodology
- Module 7: Internal Network Penetration Testing Methodology
- Module 8: Firewall Penetration Testing Methodology
- Module 9: IDS Penetration Testing Methodology
- Module 10: Web Application Penetration Testing Methodology
- Module 11: SQL Penetration Testing Methodology
- Module 12: Database Penetration Testing Methodology
- Module 13: Wireless Network Penetration Testing Methodology
- Module 14: Mobile Devices Penetration Testing Methodology
- Module 15: Cloud Penetration Testing Methodology
- Module 16: Report Writing and Post Test Actions

Self-Study Modules

- Password Cracking Penetration Testing
- Router and Switches Penetration Testing
- Denial-of-Service Penetration Testing
- Stolen Laptop, PDAs, and Cell Phones Penetration Testing
- Source Code Penetration Testing
- Physical Security Penetration Testing
- Surveillance Camera Penetration Testing
- VoIP Penetration Testing
- VPN Penetration Testing
- Virtual Machine Penetration Testing
- War Dialing
- Virus and Trojan Detection
- Log Management Penetration Testing
- File Integrity Checking
- Telecommunication and Broadband Communication Penetration Testing
- Email Security Penetration Testing
- Security Patches Penetration Testing
- Data Leakage Penetration Testing

- SAP Penetration Testing
- Standards and Compliance
- Information System Security Principles
- Information System Incident Handling and Response
- Information System Auditing and Certification

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