

eCPPT — Professional Penetration Tester Preparation Training

Delivered from Hacky Security's own curriculum, by instructors who also work our security operations centre. Classroom, online live, or at your office.

PROFESSIONAL

40 HOURS

5 DAYS

At a glance

COURSE	eCPPT — Professional Penetration Tester	WHAT IS INCLUDED ✓ Instructor-led delivery by practitioners who also work our SOC ✓ Hands-on lab access for the duration of the course ✓ Course materials and lab guides ✓ Hacky Security certificate of completion ✓ Post-course support by email
TRACK	eLearnSecurity	
DOMAIN	Cyber Security	
LEVEL	Professional	
DURATION	40 hours (about 5 days)	
DELIVERY	Classroom · Online live · On-site at your office	
LANGUAGE	English	
CLASS SIZE	Small cohorts — everyone gets lab time	

Who this is for

This is a professional course. It suits people already working in or moving into Cyber Security who want structured, hands-on preparation rather than a video library. If you are unsure whether the level fits your team, send us the job titles and we will tell you honestly — including if a different course would serve you better.

Course outline

About this course map

The eCPPT — eLearnSecurity Certified Professional Penetration Tester — sits a rung above the entry-level practical certifications and covers the full breadth of a penetration test: the network, the web application, the Windows domain, and the report that ties them together. It built its reputation on a realistic, multi-day exam at a time when most certifications were still multiple choice, and it remains a solid mid-level proof that someone can run an engagement end to end.

This preparation programme is broad by design. It suits someone who has an entry-level practical certification or equivalent experience and wants to round out the gaps — the web attacks a network tester skips, the pivoting a web tester never learns, the buffer overflow everyone means to study and never does.

The exam is a multi-day practical engagement culminating in a full professional report, graded on both the compromise and the write-up.

Module 01 — Penetration-testing methodology

The frame the whole engagement hangs on.

- The phases of a penetration test and what each delivers
- Scoping, rules of engagement and staying inside them
- Information gathering, active and passive
- Note-taking and evidence collection for the report

Module 02 — Network security testing

The network half of the engagement.

- Scanning and enumeration across a network
- Service exploitation and getting a foothold
- Windows and Linux privilege escalation
- Post-exploitation: what to collect and why

Module 03 — Buffer overflow fundamentals

The exploit-development slice the exam expects you to handle.

- Stack overflows: controlling execution
- Finding the offset and locating your shellcode
- Bad characters and building a working exploit
- Why this still matters even in an age of memory-safe languages

Module 04 — Web application attacks

The web half, which many network testers under-invest in.

- The web attack surface and how to map it
- SQL injection, from detection to data extraction
- Cross-site scripting and its real impact
- File inclusion, command injection and upload flaws
- Turning a web vulnerability into a server foothold

Module 05 — Pivoting and lateral movement

Moving through a network from a single foothold — the eCPPT's signature strength.

- Tunnelling and port forwarding through a compromised host
- Reaching internal segments with no direct route
- Double pivoting through a chain of hosts
- Enumerating what you could not previously see

Module 06 — Windows Active Directory attacks

Compromising the domain.

- Domain enumeration and mapping attack paths
- Credential theft and reuse
- Kerberos attacks and lateral movement
- Reaching domain compromise

Module 07 — The professional report

The deliverable that decides half the grade.

- Structuring a client-ready report
- Executive summary and technical findings
- Evidence, impact and remediation for each finding
- Ranking by business risk

Sitting the official exam

Exam voucher sold separately. We buy it from the certification body on your behalf and send you the code — you book your own exam date. This course is Hacky Security's own preparation training. The certification itself is awarded by the certification body, not by us.

Investment

Priced per cohort. Tell us how many people and which delivery mode and we will send a quote the same working day.

Book this course

Tell us how many people, where, and when — we will come back with dates and a quote within one working day.

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