Training: Mile2
C)PTE - Certified Penetration Testing Engineer

TRANING TERMS

2025-10-06 | 5 days | Kraków / Virtual Classroom
2025-11-03 | 5 days | Kraków / Virtual Classroom
2025-12-01 | 5 days | Warszawa / Virtual Classroom
2025-12-08 | 5 days | Warszawa / Virtual Classroom

TRAINING GOALS:

The vendor-neutral Certified Penetration Testing Engineer certification course is built firmly upon proven, hands-on, Penetration Testing methodologies utilized by our international group of Penetration Testing Consultants.

The C)PTE presents information based on the 5 Key Elements of Pen Testing; Information Gathering, Scanning, Enumeration, Exploitation, and Reporting. The latest vulnerabilities will be discovered using these tried and true techniques.

This course also enhances the business skills needed to identify protection opportunities, justify testing activities and optimize security controls to reduce risk associated with working with the internet. The student will be using the latest tools, such as Saint, Metasploit through Kali Linux and Microsoft PowerShell.

Mile2 goes far beyond simply teaching you to "Hack". The C)PTE was developed around principles and behaviors used to combat malicious hackers and focuses on professional penetration testing rather than "ethical hacking". Besides utilizing ethical hacking methodologies, the student should be prepared to learn penetration testing methodologies using advanced persistent threat techniques. In this course, you will go through a complete penetration test from A-Z! You'll learn to create your own assessment report and apply your knowledge immediately in the workforce. With this in mind, the CPTE certification course is a complete upgrade to the EC-Council CEH! The C)PTE exam is taken anytime/anywhere online through mile2's MACS system, making the exam experience easy and mobile. The student does not need to take the C)PTE course to attempt the C)PTE exam.

Upon Completion:

- Certified Penetration Testing Engineer students will be able to establish industry acceptable auditing standards with current best practices and policies. Students will also be prepared to competently take the C)PTE exam.

Who Should Attend:

- Pen Testers

- Ethical Hackers
- Network Auditors
- Cyber Security professionals
- Vulnerability Assessors
- Cyber Security Managers
- IS Managers

Accreditations & Acknowledgements

Mile2® is:

- ACCREDITED by the NSA CNSS 4011-4016
- MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework
- APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)

The Certified Penetration Testing Engineer course is accredited by the NSA CNSSI-4013: National Information Assurance Training.

CONSPECT:

- Course Overview
- Business &Technical Logistics of Pen Testing
- Linux Fundamentals
- Information Gathering
- Detecting Live Systems
- Enumeration
- Vulnerability Assessments
- Malware Goes Undercover
- Windows Hacking
- Hacking UNIX/Linux
- Advanced Exploitation Techniques
- Pen Testing Wireless Networks
- Networks, Sniffing and IDS
- Injecting the Database
- Attacking Web Technologies
- Project Documentation
- Securing Windows w/ Powershell
- Pen Testing with Powershell

Lab:

- Introduction to Pen Testing Setup
- Linux Fundamentals
- Using Tools For Reporting
- Information Gathering
- Detecting Live Systems
- Enumeration
- ulnerability Assessments
- Software Goes Undercover
- System Hacking - Windows
- System Hacking – Linux/Unix Hacking
- Advanced Vulnerability and Exploitation Techniques
- Network Sniffing/IDS
- Attacking Databases
- Attacking Web Applications

REQUIREMENTS:

- A minimum of 12 months' experience in networking technologies
- Sound knowledge of TCP/IP
- Knowledge of Microsoft packages
- Network+, Microsoft, Security+
- Basic Knowledge of Linux is essential

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Mile2 (course completion).

This course will help prepare you for the Certified Penetration Testing Engineer exam, which is available through the on-line Mile2's Assessment and Certification System ("MACS"), and is accessible on your mile2.com account. The exam will take 2 hours and consist of 100 multiple choice questions.

Each participant in an authorized training C)PTE - Certified Penetration Testing Engineer will receive a free CPTE exam voucher.

TRAINER:

Certified Mile2 Instructor.

ADDITIONAL INFORMATION:

We also recommend further training and certification:

- C)PTC - Penetration Testing Consultant
- C)IHE - Incident Handling Engineer