



# دورة مهتدة في القرصنة الأطلاقية واختبار الاختراق المتقدر



## دورة معتمدة في القرصنة الأخلاقية واختبار الاختراق المتقدم

المرجع: 103600311\_32632 التاريخ: 02 - 06 Mar 2027 الموقع: دبي - Road Zayed Sheikh Marriott by Inn Residence  
الرسوم: Euro 6500

### Course Overview

In today's digital landscape, organizations face increasing cyber threats that can compromise sensitive data and critical systems. Ethical hacking and penetration testing are essential cybersecurity strategies to identify and mitigate security vulnerabilities before malicious hackers can exploit them. This cybersecurity training is designed for professionals seeking ethical hacker certification and hands-on experience in network security, web security testing, and cyber threat analysis.

Throughout this ethical hacking certification training, participants will master the latest methodologies, including OSSTMM penetration testing, PTES security assessment, and Kali Linux hacking techniques. The course also covers cybersecurity penetration testing training, web application security testing, and network vulnerability assessment, making it one of the best ethical hacking courses online.

By the end of this program, participants will be able to conduct penetration testing, simulate real-world attacks, and implement security countermeasures.

### Target Audience

- Cybersecurity professionals
- IT security managers
- Network administrators and system engineers
- Software developers and web security testers
- Ethical hackers and security consultants
- Risk and compliance officers
- Law enforcement and forensic experts

### Targeted Organizational Departments

- Cybersecurity and IT security teams
- Risk and compliance departments
- Software development teams
- Audit and governance units
- Incident response and forensics teams

## Targeted Industries

- Finance and banking
- Healthcare and pharmaceuticals
- Government and defense
- E-commerce and retail
- Telecommunications
- Technology and software development

## Course Offerings

By completing this advanced penetration testing course, participants will:

- Conduct ethical hacking assessments using Kali Linux hacking tools
- Perform penetration testing following OSSTMM and PTES security assessment standards
- Identify and exploit security vulnerabilities in web security testing
- Learn real-world penetration testing techniques for cyber threat analysis
- Implement network vulnerability assessment and IT security breach analysis
- Understand how to conduct penetration testing and analyze results effectively
- Prepare for the certified ethical hacker exam with hands-on training

## Training Methodology

This course follows a practical, hands-on approach, ensuring participants gain real-world experience. Training methodologies include:

- Interactive lectures and case studies covering cybersecurity frameworks and hacking methodologies
- Live hacking demonstrations using Kali Linux hacking tools for ethical hacking practical labs
- Hands-on penetration testing labs conducting cybersecurity penetration testing training
- Simulated cyber attacks replicating real-world cyber threats in a controlled environment

## Course Toolbox

- Cybersecurity ebooks and reading materials
- Kali Linux hacking tools and penetration testing frameworks
- Online cybersecurity bootcamp resources
- Web application security testing toolkits
- Network security scanning and vulnerability assessment software
- Templates for cybersecurity risk assessment reporting
- Checklists for penetration testing execution

## Course Agenda

## Day 1: Foundations of Ethical Hacking and Penetration Testing

- Introduction to ethical hacking and cybersecurity principles Topic 1: •
- Penetration testing methodologies and frameworks OSSTMM & PTES Topic 2: •
- Network security fundamentals and reconnaissance techniques Topic 3: •
- Cryptography basics and encryption techniques in cybersecurity Topic 4: •
- Kali Linux fundamentals and penetration testing environment setup Topic 5: •
- Legal and ethical considerations in ethical hacking Topic 6: •
- Key takeaways from ethical hacking fundamentals and penetration testing Reflection & Review: •
- methodologies

## Day 2: Information Gathering and Vulnerability Assessment

- Passive reconnaissance and open-source intelligence OSINT Topic 1: •
- Active reconnaissance and network scanning techniques Topic 2: •
- Identifying and mapping security vulnerabilities in networks and systems Topic 3: •
- Web application security testing and common vulnerabilities Topic 4: •
- Cyber threat modeling and risk assessment strategies Topic 5: •
- OSSTMM penetration testing framework application Topic 6: •
- Analysis of reconnaissance techniques and vulnerability assessment Reflection & Review: •

## Day 3: Exploitation and Attack Strategies

- Threat modeling and attack surface analysis Topic 1: •
- Evading intrusion detection and prevention systems Topic 2: •
- Server-side exploitation techniques and privilege escalation Topic 3: •
- Client-side attacks, phishing, and social engineering Topic 4: •
- Web application attacks, SQL injection, and cross-site scripting XSS Topic 5: •
- Wireless network hacking and ethical WiFi penetration testing Topic 6: •
- Reviewing penetration testing results and attack strategies Reflection & Review: •

## Day 4: Post-Exploitation, Maintaining Access, and Reporting

- Covering tracks and removing penetration testing artifacts Topic 1: •
- Establishing and maintaining persistent access Topic 2: •
- Privilege escalation techniques and lateral movement Topic 3: •
- File transfer techniques and pivoting across compromised systems Topic 4: •
- Generating professional penetration testing reports Topic 5: •
- Best practices for mitigating discovered vulnerabilities Topic 6: •
- Effective penetration testing reporting and remediation planning Reflection & Review: •

## Day 5: Practical Penetration Testing and Final Assessment

- Hands-on ethical hacking lab exercises and case studies Topic 1: •
- Real-world penetration testing techniques and ethical hacking methodologies Topic 2: •
- Cybersecurity risk assessment and security policy implementation Topic 3: •
- Understanding certification requirements and ethical hacker certification process Topic 4: •
- Certified ethical hacker exam preparation and practice scenarios Topic 5: •
- Industry trends and future advancements in ethical hacking Topic 6: •
- Final Q&A, recap of key concepts, and next steps in cybersecurity career Reflection & Review: •

## FAQ

**What specific qualifications or prerequisites are needed for participants before enrolling in the course?**

Basic knowledge of network security, operating systems, and IT security training is recommended. Experience with Kali Linux hacking or previous exposure to ethical hacking fundamentals is beneficial.

**How long is each day's session, and is there a total number of hours required for the entire course?**

Each day's session lasts 4-5 hours, totaling 20-25 hours over five days, including practical labs and discussions.

**What tools will be provided for the penetration testing labs?**

While no software is directly provided, participants will be guided on using Kali Linux hacking tools, OSSTMM penetration testing frameworks, and web application security testing tools.

## How This Course is Different from Other Ethical Hacking Courses

This course stands out due to its real-world penetration testing approach, focusing on hands-on ethical hacking practical labs and industry-recognized frameworks like OSSTMM and PTES security assessment. Unlike many best ethical hacking courses online, this training offers interactive cyber attack simulations, in-depth security vulnerability analysis, and preparation for the certified ethical hacker exam.

By the end of this program, participants will not only learn ethical hacking online but also develop the practical skills needed to defend against cyber threats. This is the best ethical hacking certification training for professionals looking to advance in cybersecurity penetration testing training and IT security breach analysis.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السيبراني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



## فئات الدورات التدريبية



دورات معتمدة بشهادة CPD



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
الهائية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية



دورات معتمدة من قبل هيئات دولية

## مدن التدريب



اسطنبول - تركيا



أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

## مدن التدريب



جاكرتا - جمهورية اندونيسيا



تبليسي - جورجيا



بوكيت - تايلاند



برشلونة - إسبانيا



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



جنيف - سويسرا



شرم الشيخ - مصر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة الأمريكية



زنجبار - تنزانيا



طوكيو - اليابان



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة الأمريكية

## مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



**AGILE LEADERS**  
Training Center

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