

Ethical Hacking Essentials.

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 Seminar	 7 Termine verfügbar	 Teilnahmebescheinigung
 Präsenz / Virtual Classroom	 8 Unterrichtseinheiten	 Online durchführbar

Seminarnummer: 31774

Stand: 16.05.2025. Alle aktuellen Informationen finden Sie unter <https://akademie.tuv.com/s/31774>

Ethical Hacking Essentials is an introductory cybersecurity course that covers ethical hacking and penetration testing fundamentals and prepares learners for a career in cybersecurity. This ethical hacking course will introduce learners to computer and network security concepts such as threats and vulnerabilities, password cracking, web application attacks, IoT and OT attacks, cloud computing, pentesting fundamentals, and more.

Nutzen

- Key issues plaguing the information security world and information security laws and standards.
- Fundamentals of ethical hacking
- Information security threats and vulnerabilities
- Different types of malware
- Different types of password-cracking techniques and countermeasures
- Social engineering techniques, insider threats, identity theft, and countermeasures
- Network level attacks (sniffing, denial-of-service, and session hijacking) and countermeasures.
- Application-level attacks (web-server attacks, web application attacks, and SQL injection) and countermeasures
- Wireless encryption, wireless threats, and countermeasures
- Mobile platform attack vector, mobile device management, mobile security guidelines, and security tools
- IoT and OT concepts, attacks, and countermeasures
- Cloud computing technologies, cloud computing threats, attacks, and security techniques
- Fundamentals of pen testing

Zielgruppe

- School students, fresh graduates, Professionals, Career starters and switchers, IT / Technology / Cybersecurity teams with little or no work experience.
- Anyone who wants to start their cybersecurity career and master the fundamentals of security online.
- Anyone who wants to prepare for a cybersecurity career and aid their IT education.
- Professionals who want to get into the cybersecurity field but are unsure where to start their education journey

Inhalte des Seminars

Module 01: Information Security Fundamentals

Module 02: Ethical Hacking Fundamentals

Module 03: Information Security Threats and Vulnerability Assessment

Module 04: Password Cracking Techniques and Countermeasures

Module 05: Social Engineering Techniques and Countermeasures

Module 06: Network Level attacks and Countermeasures

Module 07: Web application and Countermeasures

Module 08: Wireless Attacks Countermeasures

Module 09: Mobile Attacks and Countermeasures

Module 10: IoT and OT Attacks and Countermeasures

Module 11: Cloud Computing threats and Countermeasures

Module 12: Penetration Testing and Countermeasures

Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter <https://akademie.tuv.com/s/31774> und profitieren Sie von diesen Vorteilen:

- Schneller Buchungsvorgang
- Persönliches Kundenkonto

- Gleichzeitige Buchung für mehrere Teilnehmer:innen

Alternativ können Sie das Bestellformular verwenden, um via Fax oder E-Mail zu bestellen.