

## Cyber Security Tester – Hands-on Foundation («HAK»)

In this course, you will gain an overview of the security issues caused by criminal hackers. Using various examples in your own hacking lab, you will learn how attackers proceed in concrete terms.

**Duration:** 1 day

**Price:** 975.–

**Course documents:** Digicomp Courseware

### Content

Computer misuse is a threat that poses a serious threat to IT networks. In order to secure your own network, you need sound basic knowledge in the field of security auditing. By means of a hacker attack carried out in the LAB together with the appropriate tools, you will learn the procedures step by step.

- Introduction to security issues and the Hacking-LAB
- Hackers' working methods, techniques and tools
- Procedure of a targeted hacker attack
- Open Source Intelligence and Social Engineering
- Network sniffing, scanning and spoofing
- Intercept passwords and crack passwords
- Use cloaked malware and targeted exploits
- Secure access with a backdoor
- General defensive measures of the scenarios shown in the Hacking-LAB

### Key Learnings

- Knowledge of the hackers rudimentary techniques and procedures
- Explain the principles of ethical hacking
- Knowing the security issues of servers and client systems
- Detect and prevent key Internet threats
- Knowing the limits of measures taken, such as antivirus and firewall systems
- Applying concrete hacking tools in the Hacking-LAB

### Target audience

Computer scientists and managers who want to gain an overview of the current security standards and check their ICT security configuration. Also addressed are persons who are interested in obtaining «Certified Ethical Hacking» certification.

### Requirements

Experience as Internet user and good TCP/IP knowledge according to the following course:

- [TCP/IP Basics \(«TCN»\)](#)

### Certification

This compact seminar serves as preparation for the «Certified Ethical Hacker» – the international certificate of EC-Council. It certifies your anti-hacking abilities. Digicomp offers the five-day preparation seminar Certified Ethical Hacker (CEH).

## Further courses

- OSSTMM Professional Security Tester Fast Track («BPST»)
- Certified Ethical Hacker v12 («CEHB»)
- Certified Information Systems Security Professional (CISSP) («SSP»)
- Cyber Security Tester – Hands-on Professional («HAK2»)
- Windows Domain Hacking & Security Hands-On («CYBADE»)
- Cyber Security Tester/Analyst – Hands-On Exploiting («HAK4»)
- Cyber Security Tester – Hands-on Advanced («HAK3»)

## Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on [www.digicomp.ch/courses-security/cyber-security-offense/course-cyber-security-tester-hands-on-foundation](http://www.digicomp.ch/courses-security/cyber-security-offense/course-cyber-security-tester-hands-on-foundation)