



Kestus: 20 academic hours

E-õpe

[Vaata kõiki toimumiskuupäevi](#)

EC-Council's Essentials Series is the first MOOC certification course series covering essential skills in network defense, ethical hacking, and digital forensics.

The Essentials Series' Massive Open Online Courses (MOOCs) contain eCourseware and video instruction, which is being offered free, with optional paid upgrades to course labs, exam prep, course assessments, and exam vouchers leading to certifications across each of the three Essentials Series courses.

Who Should Attend These Courses?

EC-Council's Essentials Series programs and certifications build and validate candidates' skills for their cybersecurity future. It is ideal for IT professionals who are seeking to foray into the exciting world of cybersecurity. Cybersecurity enthusiasts and students will readily find the program interesting, challenging, and useful.

Designed by the Experts

The Essentials Series was designed by industry experts to provide an unbiased approach to learning and exploring industry best practices. It empowers individuals to:

Gain foundational knowledge in cybersecurity

Practice essentials skills such as how to defend networks and investigate them

Challenge industry recognized exams and earn cybersecurity credentials to build and further your career

Ethical Hacking Essentials is a first-of-its-kind MOOC certification that provides foundational knowledge and skills in ethical hacking with add-on labs for hands-on experience. The course contains 12 modules and add-on labs covering fundamental ethical hacking concepts, including emerging technologies like IoT and OT, cloud computing, etc.

Modules: What You Will Learn

01 Information Security Fundamentals

- Information security Fundamentals
- Information security laws and regulations

02 Ethical Hacking Fundamentals

- Cyber Kill Chain methodology
- Hacking concepts, hacking cycle, and different hacker classes
- Ethical hacking concepts, scope, and limitations

03 Information Security Threats and Vulnerabilities

- Detect various threat sources and vulnerabilities in a network or system
- Different types of malwares

04 Password Cracking Techniques and Countermeasures

- Types of password cracking techniques

05 Social Engineering Techniques and Countermeasures

- Social engineering concepts and techniques
- Insider threats and identity theft concepts

06 Network-Level Attacks and Countermeasures

- Packet sniffing concepts and types
- Sniffing techniques and countermeasures
- DoS and DDoS attacks under sniffing attacks

07 Web Application Attacks and Countermeasures

- Web Server Attacks
- Web Application Attacks
- Web Application Architecture and Vulnerability Stack
- Web Application Threats and Attacks
- SQL Injection Attacks
- Types of SQL Injection Attacks

08 Wireless Attacks and Countermeasures

- Wireless Terminology
- Types of Wireless Encryption
- Wireless Network-specific Attack Techniques
- Bluetooth Attacks
- Wireless Attack Countermeasures

09 Mobile Attacks and Countermeasures

- Mobile Attack Anatomy
- Mobile Attack Vectors and Mobile Platform Vulnerabilities

10 IoT and OT Attacks and Countermeasures

IoT Attacks

- IoT Devices, their need and Application Areas
- IoT Threats and Attacks

OT Attacks

- Understand OT Concepts
- OT Challenges and Attacks
- OT Attacks Countermeasures

11 Cloud Computing Threats and Countermeasures

- Cloud Computing Concepts
- Container Technology
- Cloud Computing Threats
- Cloud Computing Countermeasures

12 Penetration Testing Fundamentals

- Fundamentals of Penetration Testing and its Benefits
- Various Types and Phases of Penetration Testing
- Guidelines and Recommendations for Penetration Testing

Length: 20 academic hours

Tools You Will Learn and Use

L0phtCrack, Netcraft, SQL Injection Detection Tool, Web Application Security Scanner, ARP Spoofing Detection Tools

Exam Information

Certification : Ethical Hacking Essentials

Exam Length : 2 Hours

Exam Format : MCQ

No. of Questions: 75

Free Courseware: The Essentials series comes with free learning resources such as eCourseware, lab tutorials, and video lectures that are easy to download and read on any device.

Lab Range (Paid): Practical hands-on learning in a simulated environment gives candidates a competitive edge to hone their skills. Each course in the Essentials Series includes 12 modules with learning exercises and lab ranges that provide a basic to intermediate knowledge of network defense, ethical hacking, and digital forensics.

Certification (Paid): Each Essentials course comes with an onsite or remote certification exam. Following a successful exam attempt, the course-specific certification credential will have a validity period of three years from the date of the successful exam attempt.

If you would like to buy the paid extras to the course, please contact us via e-mail info@koolitus.ee

Paid extras:

iLabs – 102€ (85€+km)

Exam preparation – 66€ (55€+km)

Exam voucher – 102€ (85€+km)

PRS Exam voucher – 156€ (130€+km)

iLabs + Exam preparation + Exam voucher – 216€ (180€+km)

iLabs + Exam preparation + RPS Exam voucher – 300€ (250€+km)

E-book vital source add-on – 36€ (30€+km)

Osalemise tingimused

Registreerudes e-poe, e-kirja või telefoni teel, saadame Teile arve ja täpsema info osalemise kohta. Üksteist päeva enne koolitust saadame Teile e-kirjaga meenutuse osalemise infoga.

Koolitusel osalemine on nimeline, kuid saate osalejat tasuta muuta kuni koolituse alguseni.

Koolituse eest tasumine toimub arvel viidatud arveldusarvele. Arve saadetakse maksja aadressile e-postiga. Arve tuleb tasuda enne koolituse algust arvel märgitud maksetähtajaks.

Kui Te ei saa mingil põhjusel osaleda, palun andke sellest kindlasti teada e-posti aadressil info@koolitus.ee või telefonil 618 1727 . Kui teatate koolitusel mitteosalemisest kuni 10 tööpäeva enne algust, pakume mõnd muud samaväärset koolitust või tagastame 100% tasutud koolituse maksumusest. Mitteosalemisest vähemalt 5 tööpäeva varem teatades, tagastame 50%. Muul juhul kuulub arve tasumisele. Raha tagastame ette antud summas juhul, kui pole tehtud koolituse korraldamisega seotud kulutusi (ostetud õppematerjale jms). Koolitusele mitteilmumisel, sellest mitteteatamisel või koolituse poolelühendamisel õppetasu ei tagastata.

IT Koolitusel on õigus koolitusgrupi mitte täitumisel koolituse toimumine edasi lükata või koolitus ära jätta. Koolitusele registreerunuid teavitatakse kursuse edasi lükkumisest või ära jätmisest telefoni või e-posti teel. Koolituse ära jäämisel korraldajatest tulenevatel põhjustel makstakse õppetasu tagasi. .

IT Koolitus on Eesti Töötukassa koolituskaardi koostööpartner. Tutvuge koolituskaardi infoga [SIIN](#). Täpsema info saamiseks võtke meiega ühendust telefonil 618 1727 või info@koolitus.ee.