ESSENTIAL SERIES DFE/EHE/NDE

DFE Digital Forensics Essentials

Course Overview

Digital Forensics Essentials helps learners increase their competency and expertise in digital forensics and information security skills, thereby adding value to their workplace and employer.

This course will introduce learners to Computer Forensics Fundamentals as well as the Computer Forensics Investigation Process. Plan to learn about Dark Web, Windows, Linux, Malware Forensics, and so much more! The interactive labs component of this course ensures that learners receive the hands-on, practical experience required for a future in digital forensics.

DFE-certified learners have an assured means of formal recognition to add to their resumes and show off their expertise and skills to prospective employers. This improves their prospects for employment advancement, higher salaries, and greater job satisfaction.

Module 01: Computer Forensics Fundamentals	**Module 07:** Linux and Mac Forensics
Module 02: Computer Forensics Investigation Process	**Module 08:** Network Forensics
Module 03: Understanding Hard Disks and File Systems	**Module 09:** Investigating Web Attacks
Module 04: Data Acquisition and Duplication	**Module 10:** Dark Web Forensics
Module 05: Defeating Anti-forensics Techniques	**Module 11:** Investigating Email Crimes
Module 06: Windows Forensics	**Module 12:** Malware Forensics

- 11+ hrs of premium self-paced video training (available with your free CodeRed account)
- Official eCourseware from EC-Council (available with your free CodeRed account)
- CodeRed's Certificate of Achievement (available with your free CodeRed account)
- 11 Lab Activities in a simulated lab environment (Available Only with the Labs Package)
- Proctored Exam and Official EC-Council Certification (Available Only with the Ultimate Package)

Course Overview

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 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.

This course provides hands-on practical experience to learners thus giving them the skills necessary for a future in cybersecurity.

E|HE-certified learners have an assured means of formal recognition to add to their resumes and show off their expertise and skills to prospective employers. This improves their prospects for employment advancement, higher salaries, and greater job satisfaction.

Module 01: Information Security Fundamentals	**Module 07:** Web Application Attacks and Countermeasures
Module 02: Ethical Hacking Fundamentals	**Module 08:** Wireless Attacks and Countermeasures
Module 03: Information Security Threats and Vulnerability Assessment	**Module 09:** Mobile Attacks and Countermeasures
Module 04: Password Cracking Techniques and Countermeasures	**Module 10:** IOT & OT Attacks and Countermeasures
Module 05: Social Engineering Techniques and Countermeasures	**Module 11:** Cloud Computing Threats and Countermeasures
Module 06: Network Level Attacks and Countermeasures	**Module 12:** Penetration Testing Fundamentals

- 15+ hrs of premium self-paced video training (available with your free CodeRed account)
- Official eCourseware from EC-Council (available with your free CodeRed account)
- CodeRed's Certificate of Achievement (available with your free CodeRed account)
- 11 Lab Activities in a simulated lab environment (Available Only with the Labs Package)
- Proctored Exam and Official EC-Council Certification (Available Only with the Ultimate Package)

NDE Network Defense Essentials

Network Defense Essentials covers the fundamental concepts of information security and network defense. This introductory cybersecurity course is designed for today's entry-level information security or cybersecurity careers and is ideal for learners aspiring to pursue a career in cybersecurity.

The course gives a holistic overview of the key components of Information Security such as Identification, Authentication and Authorization, Virtualization and Cloud Computing, Wireless Networks, Mobile and IoT Devices, and Data Security. The interactive labs component of this course ensures that learners receive the hands-on, practical experience required for a future in cybersecurity.

NDE-certified learners have an assured means of formal recognition to add to their resumes and show off their expertise and skills to prospective employers. The purpose of the NDE certification is to recognize the competency and expertise of a professional in network defense and information security skills, thereby adding value to their workplace and employer.

Module 01: Network Security Fundamentals	**Module 07:** Wireless Network Security
Module 02: Identification, Authentication, and Authorization	**Module 08:** Mobile Device Security
Module 03: Network Security Controls: Administrative Controls	**Module 09:** IoT Device Security
Module 04: Network Security Controls: Physical Controls	**Module 10:** Cryptography and the Public Key Infrastructure
Module 05: Network Security Controls: Technical Controls	**Module 11:** Data Security
Module 06: Virtualization and Cloud Computing	**Module 12:** Network Traffic Monitoring

- ✔ 14+ hrs of premium self-paced video training (available with your free CodeRed account)
- ✔ Official eCourseware from EC-Council (available with your free CodeRed account)
- ✔ CodeRed's Certificate of Achievement (available with your free CodeRed account)
- ✔ 11 Lab Activities in a simulated lab environment (Available Only with the Labs Package)
- ✔ Proctored Exam and Official EC-Council Certification (Available Only with the Ultimate Package)

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