

## C)DFE Certified Digital Forensics Examiner

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### Course Summary

#### Description

The Certified Digital Forensics Examiner, C)DFE certification is designed to train Cyber Crime and Fraud Investigators. Students are taught electronic discovery and advanced investigation techniques. This course is essential to anyone encountering digital evidence while conducting an investigation.

Certified Digital Forensics Examiner training teaches the methodology for conducting a computer forensic examination. Students will learn to use forensically sound investigative techniques in order to evaluate the scene, collect and document all relevant information, interview appropriate personnel, maintain chain-of-custody, and write a findings report.

Through the use of a risk-based approach, the C)DFE is able to implement and maintain cost-effective security controls that are closely aligned with both business and industry standards.

Upon completion, the Certified Digital Forensics Examiner candidate will be able to competently take the CDFE exam.

#### Topics

- Computer Forensic Incidents
- Investigative Theory
- Investigative Process
- Digital Acquisition and Analysis Tools
- Disks and Storages
- Live Acquisitions
- Windows Forensics
- Linux Forensics
- Mac Forensics
- Examination Protocols
- Digital Evidence Protocols
- Digital Evidence Presentation
- Laboratory Protocols
- Specialized Artifact Recovery
- eDiscovery and ESI
- Mobile Forensics
- Incident Handling
- Reporting
- Lab 1 – Chain of Custody
- Lab 2 – Identify Seized Evidences
- Lab 3 – Devices Acquisition
- Lab 4 – Memory Acquisition
- Lab 5 – Prepare the Case Evidence
- Lab 6 – Investigate the Acquired Evidence
- Lab 7 – Prepare the Case Evidence
- Lab 8 – Windows Event Logs Analysis
- Lab 9 – Linux Primary Info Retrieval
- Lab 10 – Investigate OSX Evidence
- Lab 11 – Finding Clues
- Lab 12 – Construct the Case Events
- Lab 13 -Evidence found from a Seized Android Device
- Lab 14 – Incident Response

#### Audience

This course is designed for IS Security Officers, IS Managers, Virtualization Engineers and Managers, and Cloud Security Managers.

#### Prerequisites

One year experience in computers and CSP Course or Certification.

#### Duration

Five days  
CPEs 40