

Certified Digital Forensics Examiner "CDFE"

Course Title:

Certified Digital Forensics Examiner - CDFE

Duration:

5 days, 40 Hours

Class Format

Options:

Instructor-led classroom
Live Online Training
Computer Based
Training

Who Should Attend:

- Incident Handlers
- Forensic Auditors
- Law Enforcement
- IS Managers

Material Provided:

- Student Workbook
- Student Reference
- Manual Student Lab
- Guide Software/Tools (DVDs)

Certification Exam:

C)DFE: Certified Digital Forensics Examiner

Certification Track:

- C)DFE – Certified Digital Forensics Examiner
- C)PTE– Certified Pen Testing Engineer
- C)PTC -- Certified Pen Testing Consultant



Course Overview

Digital Forensics is the investigation and recovery of data contained in digital devices. This data is often the subject of investigations in litigation, proof of guilt, and corrective action in an organization. When the time comes that you need to investigate your organization, will you have the skill set necessary to gather the digital data that you need? The Certified Digital Forensics Examiner course will benefit organizations, individuals, government offices, and law enforcement agencies in performing these investigations and reporting their findings.

To illustrate, let's say an employee needs to be terminated for a violation of computer usage rules. To do so the organization must furnish an irrefutable burden of proof based on digital evidence. If not irrefutable, an attorney knowledgeable about Digital Forensics could have the case thrown out of court. Government and investigative agencies need proper training to succeed in cases like the above as well as those including acts of fraud, computer misuse, illegal pornography, counterfeiting, and so forth. A C)DFE is aptly pre-pared to handle these types of situations

Upon Completion

Students will:

- Have knowledge to perform digital forensic examinations
- Have knowledge to accurately report on their findings from examinations
- Be ready to sit for the C)DFE Exam.

Exam Information:

The Certified Digital Forensics Examiner exam is taken online through Mile2's Assessment and Certification System ("MACS"), which is accessible on your mile2.com account. The C)DFE exam will take roughly 2 hours and consist of 100 multiple choice questions.

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Certified Digital Forensics Examiner "CDFE": Course Content

- **Module 1:** Introduction
- **Module 2:** Computer Forensic Incidents
- **Module 3:** Investigation Process
- **Module 4:** Disk Storage Concepts
- **Module 5:** Digital Acquisition & Analysis
- **Module 6:** Forensic Examination Protocols
- **Module 7:** Digital Evidence Protocols
- **Module 8:** CFI Theory
- **Module 9:** Digital Evidence Presentation
- **Module 10:** Computer Forensic Laboratory Protocols
- **Module 11:** Computer Forensic Processing
- **Module 12:** Digital Forensics Reporting
- **Module 13:** Specialized Artifact Recovery
- **Module 14:** e-Discovery and ESI
- Videos.
- Vulnerability penetration demo
- **Module 15:** Cell Phone Forensics
- **Module 16:** USB Forensics
- **Module 17:** Incident Handling
- **Appendix 1:** PDA Forensics
- **Appendix 2:** Investigating Harassment
- **Lab 1:** Preparing Forensic Workstation
- **Lab 2:** Chain of Custody
- **Lab 3:** Imaging Case Evidence / FTK Manager
- **Lab 4:** Reviewing Evidence / Access Data Tools
- Review (& Exam if applicable)