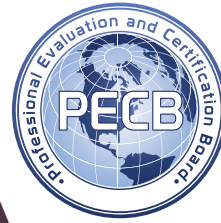


# CERTIFIED LEAD FORENSICS EXAMINER



## MASTERING THE IMPLEMENTATION AND MANAGEMENT OF COMPUTER FORENSICS PROCESSES

### SUMMARY

This five-day intensive course enables the participants develop the necessary expertise in mastering the Computer Forensics processes as specified in CLFE certification. Participants will gain a thorough understanding of fundamental computer forensics, based on the best practices used to implement the forensics evidence recovery and analytical processes. The CLFE certification focuses on core skills required to collect and analyze data from Windows, Mac OS X, Linux computer systems, as well as from mobile devices.

### WHO SHOULD ATTEND?

- ▶ Computer forensic specialists
- ▶ Electronic data analysts
- ▶ Specialists in computer search and evidence recovery
- ▶ Professionals working or interested in law enforcement
- ▶ Professionals willing to advance their knowledge in computer forensic analysis
- ▶ Members of an information security team
- ▶ Expert advisors in information technology
- ▶ Individuals responsible for examining media to extract and disclose data

### COURSE AGENDA

**DURATION: 5 DAYS**

#### DAY 1

##### **Introduction to Scientific Principles of computer forensics operations**

- ▶ Scientific principles of computer forensics
- ▶ Introduction to computer forensics process approach
- ▶ The analysis and implementation of the fundamental operations
- ▶ Preparation and execution of forensics procedures and operations

#### DAY 2

##### **The computer and operating structure**

- ▶ Identification and selection of the characteristics of the computer structure
- ▶ Identification of peripherals and other components
- ▶ Understanding the operating systems
- ▶ Extraction and analysis of the file structure

#### DAY 3

##### **Forensics of networks and mobile devices**

- ▶ Understanding the network, cloud and virtual environments
- ▶ Generic methods for data examination in a virtual environment
- ▶ Examination of a cell phone or tablet
- ▶ Enumeration of cell phones and tablets needed for forensics examination
- ▶ Storage of information in mobile devices

#### DAY 4

##### **Computer Forensics tools and methodologies**

- ▶ Enumeration and examination of the computer hardware and software
- ▶ Determination and testing of corrective measures
- ▶ Analysis and selection of the best procedures for computer forensics operation
- ▶ Discovery, documentation and return of the evidence on-site
- ▶ Analyzing and applying the contextual parameters

#### DAY 5 **ANSI Accredited Certification Exam**



## EXAMINATION

- ▶ The “Certified Lead Forensics Examiner” exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:
  - » Domain 1: Scientific Principles of computer forensics
  - » Domain 2: Computer forensics operations fundamentals
  - » Domain 3: Forensics: computer hardware structure
  - » Domain 4: Forensics: operating systems and file structure
  - » Domain 5: Forensics of network, cloud and virtual environments
  - » Domain 6: Forensics of cell phones and tablets
  - » Domain 7: Computer Forensics operation tools and software
  - » Domain 8: Forensics: examination, acquisition and preservation of electronic evidence
- ▶ For more information about the exam, please visit: [www.pecb.org](http://www.pecb.org)

## CERTIFICATION

- ▶ A certificate of “Certified Lead Forensics Examiner” will be issued to those participants who successfully pass the exam and comply with all the other requirements related to this credential:

Credential	Exam	Professional Experience	Education	Other Requirements
<b>Certified Lead Forensics Examiner</b>	Certified Lead Forensics Examiner Exam	<b>Two years</b> One year of field experience in Computer Forensics	At least secondary school	Signing the PECB code of ethics

## GENERAL INFORMATION

- ▶ Certification fees are included in the exam price
- ▶ Participant manuals contains over 450 pages of information and practical examples
- ▶ A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to the participants
- ▶ In case of failure of the exam, participants are allowed to retake it for free under certain conditions



For additional information,  
please contact us at [info@pecb.org](mailto:info@pecb.org)

[www.pecb.org](http://www.pecb.org)



ANSI Accredited Program  
PERSONNEL CERTIFICATION  
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