

# CERTIFIED CYBER FORENSICS PROFESSIONAL

1. Domain 1 - Legal and Ethical Principles
  - a. Module 1: Nature and Characteristics of Evidence
  - b. Module 2: Chain of Custody
  - c. Module 3: Rules of Procedure
  - d. Module 4: Code of Ethics
2. Domain 2 - Investigations
  - . Module 1: Investigative Process
    - a. Module 2: Evidence Management
    - b. Module 3: Crime Scene Investigation Protocol
    - c. Module 4: Hybrid Crime Investigation
    - d. Module 5: Criminal Investigations
    - e. Module 6: Civil Investigations
    - f. Module 7: Administrative Investigations
    - g. Module 8: Forensics Responsibility to Security Incidents
    - h. Module 9: Electronic Discovery
    - i. Module 10: Intellectual Property (IP) Investigation
3. Domain 3 - Forensic Science
  - . Module 1: Introduction to the Scientific Method
    - a. Module 2: Fundamental Principles
    - b. Module 3: Forensic Analysis and Examination Planning
    - c. Module 4: Report Writing and Presentation
    - d. Module 5: Quality Assurance, Control, Management and Accreditation Procedures
4. Domain 4 - Digital Forensics
  - . Module 1: Digital Forensics Tools
    - a. Module 2: Media and File System Forensics
    - b. Module 3: Demonstration: Introduction to FTK
    - c. Module 4: Anti-Forensic Tools and Techniques
    - d. Module 5: Demonstration: Exploring the Evidence
    - e. Module 6: Lab - The Evidence: Basher's Second Computer
    - f. Module 7: Virtual System Forensics
    - g. Module 8: Embedded Device Forensics
    - h. Module 9: Mobile Device Forensics
    - i. Module 10: Demonstration/Discussion: Celebrite
    - j. Module 11: A Few Forensic Tools and Techniques
    - k. Module 12: Demonstration - Network Forensics
5. Domain 5 - Application Forensics
  - . Module 1: Software Forensics
    - a. Module 2: Web, Email, and Messaging Forensics
    - b. Module 3: Demonstration - Web Forensics

- c. Module 4: Demonstration - Email Forensics
  - d. Module 5: Database Forensics
  - e. Module 6: Demonstration - Database Forensics
  - f. Module 7: Lab - Creating and FTK Report
  - g. Module 8: Malware Forensics
  - h. Module 9: Demonstration - Malware Forensics
6. Domain 6 - Hybrid and Emerging Technologies
- . Module 1: Cloud Forensics
    - a. Module 2: Social Networks
    - b. Module 3: The Big Data Paradigm
    - c. Module 4: Control Systems
    - d. Module 5: Critical Infrastructure
    - e. Module 6: Online Gaming and Virtual/Augmented Reality