

Computer Forensics Foundation Course

Course Duration: 16 Hrs.

Course Code: CF-FND

Course Overview

The Computer Forensics Foundation Course provides participants with a comprehensive introduction to the principles, techniques, and processes used in digital forensics. It covers the fundamentals of identifying, collecting, preserving, analyzing, and presenting digital evidence in a legal and ethical manner. The course is designed to equip learners with the foundational knowledge required to support investigations involving computers, networks, and other digital devices.

What you'll learn?

In this course, you will learn the basic concepts of computer forensics, including evidence handling, forensic investigation methodologies, and tools used for digital analysis. You will gain insights into the legal and ethical considerations of digital investigations, as well as techniques for recovering and analyzing data from various digital devices.

Target Audience

This course is suitable for IT professionals, security analysts, law enforcement personnel, compliance officers, and anyone interested in gaining foundational knowledge in computer forensics. It is also ideal for individuals who want to support or participate in digital investigations within their organizations.

Pre-Requisites

There are no formal prerequisites for this course. A basic understanding of computer systems, networks, and information security concepts will be beneficial for participants.

Course Content

Module 1: Introduction to Computer Forensics and Its Importance

Module 2: Understanding Digital Evidence and Legal Considerations

Module 3: Forensic Investigation Methodologies and Processes

Module 4: Evidence Collection, Preservation, and Chain of Custody

Module 5: Tools and Techniques for Digital Evidence Analysis

Module 6: Recovering Data from Computers, Networks, and Mobile Devices

Module 7: Reporting and Presenting Forensic Findings

Module 8: Case Studies and Practical Exercises in Computer Forensics