

# IT Auditing and IT Fraud Detection

## Why Attend

- In today's world, IT fraud prevention and investigation have become an everyday part of corporate life and auditors must gain expertise in this area. This course is intended to sharpen the skills of internal auditors in assisting in the prevention, detection, deterrence and reporting of IT fraud. It covers a wide range of topics such as the abilities of the IT fraud auditor, computer fraud and control, predication, the type and nature of common IT frauds, and the auditors' legal skills.

## Course Methodology

- This course uses a mixture of presentations, discussions, case studies, videos, role-plays and interactive exercises to transform participants' knowledge into hands-on practice.

## Course Objectives

By the end of the course, participants will be able to:

- Define the various types of fraud related to computers and IT
- Identify the types of antifraud controls and rate their effectiveness
- Predict the opportunities for fraud presented by advanced technology
- Employ the most effective methods of detection for different types of IT fraud
- Explain the advantages and disadvantages of audit software in IT fraud investigation

## Target Audience

- This course is designed for IT auditors who are working in a high fraud-potential environment, it is also suitable for internal auditors who would like an insight into computer-based fraud and IT fraud detection.

## Target Competencies

- Internal auditing
- IT auditing
- Fraud detection
- Internet fraud
- Acting as a court witness

## Defining fraud

- Defining fraud
- Identifying who commits fraud
- Fraud auditing
- Fraud awareness
- Computer fraud

## Computer fraud and control

- Definition of computer fraud
- Fraud opportunities
- Nature of computer fraud
- Opportunities in advanced technology
- Internet fraud
- Stopping the hackers
- What is predication and how does it work

## Abilities of the IT fraud auditor

- Goals and objectives of the IT fraud auditor
- What makes a good IT auditor
- Finding the right auditor
- Progression of the fraud examination
- The auditor's toolkit

## Types and nature of common frauds

- Types of fraud
- Misappropriation of goods
- Misappropriation of cash
- Falsification of books
- Methods of detection
- Computer fraud
- Controlling computer fraud

## The auditor in court

- Evidence
- Relevance of evidence
- Exclusion of the evidence
- The chain of custody

## Investigating by computer

- Document collection and analysis
- Interviewing skills
- Documenting evidence
- Testifying as a witness