

## IT Audit Tools and Techniques for Operational Auditors

**Target Audience:** All operational auditors that need to understand how to get involved in, or conduct, IT audits; internal auditors new to IT Audit; Heads of small Internal Audit functions that normally outsource their IT audits.

### Key Learning Outcomes

- Learn about the popular frameworks and jargon used in IT audits.
- Explore how to conduct IT Audits, General IT Controls Reviews and Business Application Audits.
- Practice conducting various aspects of these audits through practical case studies.
- Build your confidence in your ability to successfully conduct and facilitate IT audits, and to develop an annual IT Audit Coverage Plan.

### Course Experience

- ✓ Theory: Latest best practice
- ✓ Team discussions
- ✓ Individual and group exercises
- ✓ Role Plays
- ✓ Case studies
- ✓ Technique application practice
- ✓ Personal action planning

### Course Outline

#### DAY 1

##### Introduction to IT Audit

- When is it an 'IT' Audit ?
- A Quandary of Audit Frameworks
- Popular Frameworks and When to Apply Them:
  - The Capability Maturity Model
  - COBIT
  - ITIL
  - ISO1799/BS7799

##### Conducting an IT Project Audit

- Types of Project Audit
- The Project Management Life Cycle
- Overview of Popular Project Management Methods
- Why Projects Fail
- Reviewing Project Data
- Maintaining Independence and Objectivity While Adding Value to the Project
- Case Study Practice

#### DAY 2

##### General IT Control Reviews

- Typical General IT Control Categories
- Theory, Checklists and Case Studies on How to Audit:
  - Business Continuity Planning incl. Disaster Recovery Planning
  - Program Change Control incl. Version Control and Release Management
  - Information Security Management

#### DAY 3

##### Business Application Audits

- Types of Application Controls
- Establishing a Systems Inventory
- Flowcharting Basics
- Using CAATs – Computer Assisted Audit Tools

##### Habits of Successful IT Auditors

- 7 Habits Key to Your Success
- Personal Action Planning

**re-Course Work:** Completion of Pre-Course Questionnaire

**Course Material:** Includes facilitator's slides, exercise worksheets, background reading/articles and recommended books

**Ideal Number of Participants:** 9

**Maximum:** 12

**Minimum:** 4