

# COBIT® Version 4.1 Fundamentals Training Course



The role that IT plays in organisations has changed drastically in recent years.

IT has become an integral part of business strategy, which has introduced new risks & challenges. IT Management is increasingly challenged to understand & articulate the risks & benefits of IT, & to find ways to deal with:

- Aligning IT with the business strategy
- Adding value to the business
- Managing the risk of IT
- Managing the IT resources
- Measuring IT's performance

The Control Objectives for Information & Related Technology® (COBIT®) framework is designed to provide best practice guidance for dealing with these challenges.

## Course Objectives

The practical 2-day hands-on training workshop is designed for IT professionals, IT Auditors & Management that deal with the complexities of IT management & control functions on a daily basis.

The objective is to provide attendees with the necessary perspective, knowledge & skills to understand the risks & benefits of IT & to learn how 4.1 helps:

- Management to ensure that its IT investment decisions balance risks & controls
- Users obtain assurance on security & control of the products & services they acquire
- IT professionals & Internal Auditors to develop effective assurance & audit programmes, support audit findings & recommendations, & link control objectives to overall organisational needs COBIT®

A further objective is to provide attendees with an understanding of the requirements needed to design & implement appropriate IT controls, i.e. policies, procedures, practices, & accountability required to establish the right levels of IT Governance for their organisations.

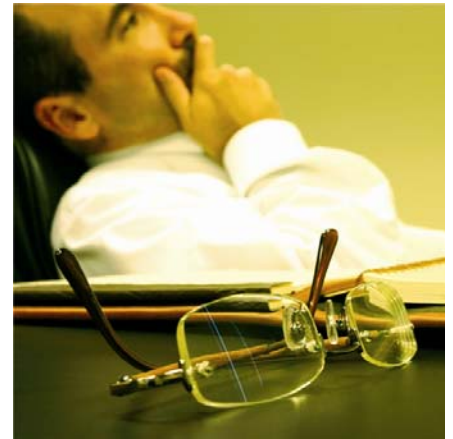
The course provides an opportunity for IT professionals to learn how to conduct control & maturity assessments of COBIT®'s 34 IT processes, & to prioritise the selection & implementation of the necessary IT controls needed to improve the maturity & performance of their IT organisations.

## In-house Training

All Analytix Courses are available in-house, should your organisation have a number of people or multiple sets to train. The cost advantages & the ability to discuss & resolve organisational issues are two major attractions of such training.

## Who will benefit?

- CIO's
- IT Directors / IT Managers
- IT Process Owners
- Project Managers / Operation Managers / Business Managers
- IT Auditors



## What you will learn

On completion of the course, delegates will be able to:

- Understand IT Governance process theory & the business expectations of what IT has to deliver
- IT Governance control audit requirements
- How to conduct a situational assessment of IT's maturity & measure IT's performance
- The relevance of COBIT® as an IT control framework, the high level principles of COBIT®, as well as a practical approach to implementing the management guidelines
- Providing a perspective of the complimentary roles that COBIT®, ITIL®, ISO 27001, BS 25999 & COSO play in establishing a comprehensive IT Governance framework
- How to measure the maturity & effectiveness of IT



## Course Content



### Day 1:

- Course Introduction
- Introduction & overview of IT Governance
- Introduction to COBIT® 4.1 & its components
- Understanding & applying the COBIT® 4.1 Framework
  - COBIT®'s Business Focus
  - COBIT®'s Process orientation
  - COBIT®'s Control orientation & control assessments
- Overview of:
  - COBIT® 's Control Practices
  - IT Assurance Guide
- Group Case Study

### Day 2:

- COBIT®'s measurement orientation & management guidelines:
  - IT process inputs & outputs
  - Responsibility, Accountability, Consulting, Informed (RACI) Charts
  - Goals & metrics
  - Maturity Model
- IT Performance Measurement
- IT process maturity Assessment
- Cross referencing & alignment between COBIT® 4.1, COSO, ITIL®, ISO 27001 / 17799, BS 25999 & the Balanced Scorecard
- A practical approach to implementing COBIT® in your organisation
- Group Case Study
- Examination preparation
- Writing of the Official COBIT® ISACA® Foundation Examination

## ISACA® COBIT® Foundation Examination Policies & Procedures

In order to process COBIT® Foundation Exam requests in a timely & efficient manner, ISACA® requires that these requests, including the sourcing of the exam proctor, should be received by no later than three (3) weeks prior to the scheduled exam date.

Exam requests received less than one (1) week before the anticipated exam date will not be honoured.

For all in-house courses, a proctor will be sourced by ISACA® at an additional cost of US\$300.

## **Register Today**

To register, or for more information, please contact us:

**Tel: 0861 ANALYTIX or 0861 262 598**

**Fax: +27 (011) 447 4192**

**Email: [info@analytix.co.za](mailto:info@analytix.co.za)**

**Web site: [www.analytix.co.za](http://www.analytix.co.za)**

## CPE Credits

This training is directly applicable to the assessment of information systems or the improvement of audit, control, security or managerial skills to ensure a proper balance of professional development is attained. As such, this training falls under ISACA® definition "workshops, & professional meetings & related activities not sponsored by ISACA®."

Fourteen (14) Continuing professional education (CPE) hours are earned attending this course. Delegates are responsible for applying for the CPE credits from ISACA®.

COBIT® is a registered trademark of ISACA®.

Analytix is a licensee of COBIT® content for training.

## Approach, Deliverables & Method

### **The practical hands-on course provides:**

- Cross referencing & alignment between COBIT® 4.1, COSO, ITIL®, ISO 27001 / 17799, BS 25999 & the Balanced Scorecard
- Hands-on practical workshops & case studies
- Instruction from consultants with extensive operational experience across a broad range of public & private sector organisations

### **Course Deliverables:**

- Comprehensive course notes & advice on further sources of information
- Toolkit with templates & documents
- Certificate upon completion of the course as well as a certificate from ISACA® if the exam is passed

### **Delivery Method:**

- Classroom style - combining lecture, discussion & exercises utilising course materials, digital projector & flipchart
- Delegates will write the ISACA® COBIT® Foundation Examination after each course

## Consulting services

Analytix also offers consulting services to support the design & implementation of the COBIT® Framework.

Other services include Corporate and IT Governance, ISO 27001 compliant ISMS implementation, IT maturity assessments, security certification assistance & performance management.

### **ANALYTIX**

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## About the ISACA COBIT® Foundation Examination



### Description

The COBIT® Foundation exam is a knowledge test. Candidates passing the exam demonstrate they fully understand COBIT® at a Foundation level.

- You can take the exam without attending the COBIT® Course but taking the course is recommended as it prepares you for writing the examination;
- The exam comprises 40 questions, multiple choice, 60 minutes, students need to attain a percentage of 70% or higher to pass the examination;

The Analytix COBIT® Fundamentals Course & ISACA COBIT® Foundation Exam are equally applicable to IT auditors, IT managers, IT quality professionals, IT leadership, IT developers, & process practitioners & managers in IT service service-providing firms.

The COBIT® Foundation Exam is aligned with the most recent version of COBIT® V 4.1. Exam questions are tailored around the concepts & principles of COBIT® 4.1.

### Prerequisites

None

### Exam objectives

The COBIT® Foundation exam covers the following topics:

- How IT management issues are affecting organisations
- The need for a control framework driven by the need for IT Governance
- How COBIT® meets the requirement for an IT Governance Framework
- How COBIT® is used with other standards & best practices
- The COBIT® Framework & all the components of COBIT®
- How to apply COBIT® in a practical situation

### Exam preparation

Our COBIT® Fundamentals course is designed to help candidates in their preparation for the ISACA COBIT® Foundation Exam. The course follows the exam curriculum & ensures that all the learning objectives required for the exam are covered in the course.

### Exam Curriculum:

#### Identify key IT management issues affecting organisations & understand the need for an IT Governance Framework

- Identify the IT management issues or challenges that affect the organisation
- Identify who is responsible for IT Governance
- Identify the principles of IT Governance
- Identify how IT Governance resolves management issues
- Identify the need for a control framework driven by IT Governance

#### Understand the components of COBIT® & the role COBIT® fulfils in respect to other IT management frameworks

- Identify the COBIT® components
- Understand how COBIT® satisfies the requirements for a control framework
- Describe how COBIT® aligns with other standards
- Understand how COBIT® meets regulatory requirements
- Describe how COBIT® helps managers & auditors in an organisation

#### Describe the COBIT® Framework & components

- Identify the functions of the COBIT® Framework
- Identify the characteristics of the four domains of IT
- Describe the role of COBIT® IT processes
- Describe the seven information criteria
- Describe how COBIT® defines resources in an IT environment
- Describe COBIT® Control objectives & Indicators
- Performance Indicators, Outcome Measures, & Maturity Models in the Management Guidelines
- Describe the generic audit approach in Assurance Guide

#### Understand how the COBIT® Framework can be applied for the COBIT® processes P010 & DS02

- Control Objectives & Control practices for P010 & DS02
- COBIT® Goal Indicators relevant to IT problems for P010 & DS02
- COBIT® Performance Indicators relevant to P010 & DS02
- Application of Maturity Models & RACI charts for P010 & DS02

#### Describe COBIT® resources & understand how they benefit business

- Describe various COBIT® resources, such as COBIT® Online, Val IT COBIT® QuickStart, COBIT® Security Baseline, & IT Governance Implementation Guide (v2.0)
- Identify how COBIT® benefits business, by linking back to IT Governance objectives

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