

COBIT® 2019 Foundation

TRAINING COURSE OUTLINE



Introduction

This intensive three days workshop training will dive into COBIT 2019 concepts, principles and methodologies used to establish, enhance and maintain a system for effective governance and management of enterprise information technology.

From its foundation in the IT audit community, COBIT has developed into a broader and more comprehensive information and technology (I&T) governance and management framework and continues to establish itself as a generally accepted framework for I&T governance.

Subjects covered:

- ❖ New framework introduction
- ❖ Key concepts and terminology
- ❖ Governance and Framework Principles
- ❖ Governance system and components
- ❖ Governance and management objectives
- ❖ Performance management
- ❖ Designing a tailored governance system

Duration

3 – days workshop

Learning Objectives

At the end of this new course, attendees will have an understanding of the following:

- ❖ Recognise the context benefits and key reasons COBIT is used as an information and technology governance framework.
- ❖ Explain the key attributes of the COBIT framework
- ❖ Alignment with industry frameworks
- ❖ Compare the COBIT principles for governance system framework
- ❖ Describe the components of a governance system
- ❖ Governance and management objectives
- ❖ Describe the elements of governance and management objectives.

Target Audience

This course is intended for those as below:

- ❖ All IT Professionals
- ❖ IT Governance Manager
- ❖ IT/IS Managers,
- ❖ Service Desk Manager
- ❖ Service Operation Manager
- ❖ IT Architect, System Architect, Enterprise Architect
- ❖ ITSM Consultants
- ❖ IT Project Manager,
- ❖ Change Manager, Delivery Manager, MIS Manager
- ❖ CIO/CTO
- ❖ IT Staffs, IT Supervisor, Service Desk, IT Engineers, Application Developer, DevOps, IT Auditor, and other IT-related positions
- ❖ Anyone seeking COBIT 2019 Foundation Certification and everyone interested in aligning IT with business, controlling or reducing IT costs, improving IT service quality, and balancing IT resources in the most effective manner.

Prerequisites

N/A

Exam & Certification

- ❖ The COBIT 2019 Foundation Certificate Exam is an online, closed-book, remotely proctored exam.
- ❖ The exam covers eight domains and includes a total of 75 questions.
- ❖ The number of questions in each domain is based upon the domain's assigned weight.

Training Contents

Module 1: Key Concepts and Terminology of COBIT 2019

- ❖ Structure and format of the COBIT 2019 framework
- ❖ Key stakeholders of COBIT 2019
- ❖ Business benefits provided by COBIT 2019

Module 2: Analysing the Six Governance Principles

Provide stakeholder value

- ❖ Benefits realisation
- ❖ Risk and resource optimisation
- ❖ Supporting the creation of business value through IT
- ❖ Transforming stakeholder needs into an enterprise's actionable strategy
- ❖ Clarifying the purpose of the goals cascade
- ❖ Translating high-level enterprise goals into specific IT-related goals

Holistic approach

- ❖ Evaluating the key components of a governance system

Dynamic governance system

- ❖ Creating a dynamic governance system

Governance distinct from management

- ❖ Distinguishing between governance and management in an enterprise
- ❖ Relationships between governance and management

Tailored to enterprise needs

- ❖ Using design factors to produce an enterprise-specific governance system
- ❖ Using COBIT variants to tailor for a specific purpose or context

End-to-end governance system

- ❖ A framework for business and IT leaders
- ❖ Interrelating key roles and activities

Module 3: Analysing the Three Governance Framework Principles

Based on conceptual model

- ❖ Identifying key components
- ❖ Relationships between key components
- ❖ Maximising consistency and allowing automation

Open and flexible

- ❖ Updating content
- ❖ Addressing new issues
- ❖ Maintaining integrity and consistency

Aligned to major standards

- ❖ Alignment between COBIT and related standards, frameworks and regulations

Module 4: The Governance System and Components

COBIT 2019 Core Model

- ❖ The forty governance and management objectives
- ❖ The five domain structure

Principles, policies, procedures

- ❖ Meeting good practice requirements for the scope, compliance, exceptions and monitoring
- ❖ Differentiating policies, principles and procedures

Processes

- ❖ Reviewing the key characteristics of the process goal categories

Organisational structures

- ❖ Implementing practices for operations, responsibility delegation and decision-making
- ❖ The key responsibilities of key organisational roles

Culture, ethics and behaviour

- ❖ Creating, encouraging and maintaining desired behaviours
- ❖ Relating organisational and individual ethics with goals

Information

- ❖ Reviewing the information quality categories
- ❖ Interrelating the five steps of the information cycle with the information enablers
- ❖ Applying information attributes to layers
- ❖ Assessing context and quality of information to the user with key attributes

Services, infrastructure and applications

- ❖ Analysing the five architecture principles that govern the use of IT-related resources
- ❖ Relationship with the other enablers

People, skills and competencies

- ❖ Defining skill requirements for each role
- ❖ Mapping the skill categories to the process domains
- ❖ Skill categories in relation to the process domains

Module 5: Performance Management with COBIT 2019

Performance Management Principles

- ❖ Simple to understand and use
- ❖ Consistent with conceptual model
- ❖ Providing reliable, repeatable, relevant results
- ❖ Flexible to suit different organisations
- ❖ Supporting multiple assessment types

Managing performance of processes

- ❖ CMMI-based process capability scheme
- ❖ The six process capability levels
- ❖ Focus area maturity levels

Managing performance of other components

Module 6: Designing and implementing a tailored governance system

The design process

- ❖ Understanding the need for tailoring
- ❖ Using design factors and variants
- ❖ Stages and steps in the design process

The relationship between design and implementation

The COBIT 2019 seven phase implementation approach

- ❖ What are the drivers?
- ❖ Where are we now?
- ❖ Where do we want to be?
- ❖ What needs to be done?
- ❖ How do we get there?
- ❖ Did we get there?
- ❖ How do we keep the momentum going?