



IT Governance

Course Context and Overview

According to the Standish Group “ about 20% of Information Technology projects fail outright, 50% are challenged and only 30% are successful. “ According to the research conducted by Gartner, more than US\$600 billion is thrown away annually on ill-conceived or ill-executed Information Technology projects.

IT governance is an inclusive term that encompasses information systems, technology and communication; business, legal and other issues; and all concerned stakeholders, directors, senior management, process owners, IT suppliers, users and auditors. IT governance is concerned with two major issues: that IT delivers value to the business and that IT risks are mitigated. Governance helps ensure the alignment of IT and enterprise objectives. IT Governance is an integral part of enterprise governance and consists of the leadership and organizational structures and processes that ensure that the organization’s IT sustains and extends the organization’s strategy and objectives.

This course provides comprehensive instruction in IT governance. It focuses on the five major areas: Risk Management, Resource Management, Performance Measurement, Value delivery and Strategic Alignment. It looks at the main control frameworks for IT governance, which are COBIT and ISO 17799. It also looks at the Capability Maturity Model (CMM) for process improvement.

OBJECTIVES

The objective of this course is for the participant to ensure that the organization has the structure, policies, accountability mechanisms and monitoring practices in place to achieve the requirements of corporate governance of Information Technology. Specifically, the participant should be able to:

- ❑ Evaluate the IT strategy and the process for its development, approval, implementation and maintenance to ensure that it aligns with the organization's strategies and objectives.
- ❑ Evaluate IT resource investment, use and allocation practices to ensure benefit realization and alignment with the organization's strategies and objectives
- ❑ Demonstrate knowledge of IT governance frameworks
- ❑ Demonstrate knowledge of quality management strategies and policies
- ❑ Contribute towards the refinement of an organization's structure, roles and responsibilities related to use and management of information technology.
- ❑ Evaluate IT human resources management to ensure that they support the organization's strategies and objectives
- ❑ Evaluate an organization's IT contracting strategies and policies and contract management practices.
- ❑ Apply knowledge from the control frameworks such as COBIT and ISO 17799
- ❑ Demonstrate knowledge of practices for monitoring and reporting of IT performance such as balanced scorecard, key performance indicators.
- ❑ Demonstrate of relevant legislative and regulatory issues
- ❑ Evaluate risk management practices to ensure that the organization's IT-related risks are managed properly.
- ❑ Demonstrate knowledge of the IT auditing process

OUTLINE:

- ❑ Enterprise and IT Governance
- ❑ Best practices for IT Governance: Monitoring and Assurance practices
- ❑ Information Systems strategy
- ❑ Policies and Procedures
- ❑ Risk Management: RM program, process and risk analysis methods
- ❑ Information Systems management practices : Human Resources, Sourcing practices, Change management
- ❑ IS organizational structure and responsibilities

- ❑ Information Systems maintenance practices: Change management, configuration management
- ❑ Process Improvement: BPR, ISO9126, CMM
- ❑ Information Systems auditing process
- ❑ Auditing of the IT Governance structure

WHO SHOULD ATTEND?

- ❑ IT Managers and directors
- ❑ Information Security managers
- ❑ Network Security managers
- ❑ Internal Auditors
- ❑ IS Auditors
- ❑ Quality Assurance and control personnel
- ❑ Non-IT personnel involved in strategic planning for IT

Delivery

The course will feature case studies, which exemplify application for some of the topics covered.

Duration

5 days

Fee

40,000 ksh

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