MERCURY

IT Strategy & Governance Framework

12 – 16 September 2027
Cairo (Egypt)



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IT Strategy & Governance Framework

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Introduction

The IT Strategy & Governance Framework course equips professionals with a structured understanding of how to align information technology initiatives with enterprise objectives. It focuses on building the capability to design, develop, and implement an effective digital strategy and technical roadmap that supports sustainable organizational growth. Participants will explore modern IT governance models that enhance accountability, transparency, and value delivery across the Authority. The course also examines how to establish policies and governance practices for managing IT products and services efficiently. Through a comprehensive theoretical approach, learners will strengthen their ability to drive digital transformation and to plan strategically for IT. Participants will support enterprise-wide technology governance and strategic decision-making.

Targeted Groups

This IT Strategy & Governance Framework training targets professionals seeking knowledge and skills:

- IT directors and technology managers.
- Digital transformation leaders.
- Enterprise architects and solution designers.
- Governance, risk, and compliance professionals.
- Strategic planning and PMO specialists.
- Senior executives responsible for IT oversight.
- Business analysts involved in digital initiatives.
- Professionals supporting IT policy development.

Course Objectives

Participants will achieve the following objectives by completing the IT Strategy & Governance Framework course:

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- Understand core principles of IT strategy alignment.
- Analyze the relationship between business goals and digital strategy.
- Design an effective IT strategic planning framework.
- Develop a practical technology roadmap for the Authority.
- Evaluate modern IT governance models and structures.
- Formulate governance policies for IT products and services.
- Assess risks associated with digital transformation initiatives.
- Improve decision-making using governance best practices.
- Integrate performance metrics into IT governance processes.
- Strengthen oversight of enterprise technology investments.
- Support sustainable digital growth within the Authority.
- Apply structured approaches to IT service governance.

Targeted Competencies

Participants will gain the following competencies during the IT Strategy & Governance Framework program:

- Strategic IT planning and alignment capability.
- Digital roadmap development skills.
- IT governance framework design proficiency.
- Policy formulation for technology management.
- Enterprise IT performance monitoring.
- Risk-aware digital decision-making.
- Governance of IT products and services.
- Stakeholder alignment and communication.
- Technology investment evaluation.
- Continuous improvement in IT governance maturity.

Studying Scenarios

In this IT Strategy & Governance Framework training, participants develop skills through the following scenarios:

- Aligning IT strategy with organizational growth plans.
- Designing a governance structure for digital initiatives.
- Developing a multi-year technology roadmap.
- Evaluating gaps in current IT governance practices.
- Managing risks in enterprise digital transformation.
- Establishing policies for IT service lifecycle management.
- Improving oversight of technology investments.
- Enhancing decision-making through governance metrics.

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Course Content

Unit 1: Foundations of IT Strategy and Digital Alignment

- Define the concept of enterprise IT strategy.
- Explain the importance of aligning IT with business strategy.
- Identify drivers of digital transformation in public authorities.
- Examine the role of CIO leadership in strategic IT planning.
- Analyze internal and external factors influencing IT strategy.
- Differentiate between IT strategy and digital strategy.
- Evaluate maturity levels in strategic technology management.
- Assess the impact of emerging technologies on strategy.

Unit 2: Developing the Digital Strategy and Technology Roadmap

- Outline the structure of an effective digital strategy.
- Translate organizational goals into technology initiatives.
- Build a phased IT roadmap aligned with growth plans.
- Prioritize digital initiatives based on business value.
- Integrate enterprise architecture into roadmap planning.
- Define KPIs for monitoring digital strategy execution.
- Address resource planning and capability gaps.
- Ensure scalability and flexibility in the technical roadmap.

Unit 3: IT Governance Frameworks and Operating Models

- Define principles of effective IT governance.
- Compare centralized and federated governance models.
- Establish governance committees and decision rights.
- Apply best practices in technology governance structures.
- Integrate governance with enterprise risk management.
- Design accountability and reporting mechanisms.
- Evaluate governance maturity using assessment tools.
- Align IT governance with regulatory expectations.

Unit 4: Policies and Practices for Governing IT Products and Services

- Develop policies for IT service lifecycle management.
- Standardize procedures for technology acquisition.
- Govern cloud services and digital platforms effectively.
- Define service management and SLA governance.
- Implement controls for IT vendor management.
- Monitor compliance with technology policies.
- Improve quality assurance for IT service delivery.
- Establish continuous improvement practices.

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Unit 5: Performance Management, Risk, and Continuous Improvement

- Design performance dashboards for IT governance.
- Measure value realization from technology investments.
- Identify risks in digital strategy execution.
- Apply risk mitigation within IT governance processes.
- Conduct periodic IT strategy reviews.
- Strengthen audit readiness and compliance monitoring.
- Drive continuous improvement in governance maturity.
- Build a sustainable IT governance culture.

Final Insights & Key Takeaways

Effective IT strategy and governance enable organizations to maximize the value of technology while controlling risk. A structured digital roadmap combined with strong governance practices ensures sustainable, aligned, and measurable enterprise growth.