MERCURY

TOGAF Enterprise Architecture Foundation and Practitioner Training Course

15 – 19 November 2027
Barcelona (Spain)



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Ref: 34_1082270 **Date:** 15 – 19 November 2027 **Location:** Barcelona (Spain) **Fees:** 6200 Euro

The TOGAF Enterprise Architecture Foundation and Practitioner Training Course is a one-week course for enterprise architects, solutions architects, technology strategists, and digital transformation leads establishing scalable target architectures and governance frameworks. Working through the Architecture Development Method, domain metamodels, and transition planning, you produce an Enterprise Architecture Transition Blueprint and Governance Package. Mercury Training Center delivers this course to help you operationalize TOGAF Enterprise Architecture practices within complex organizational environments.

About This Course

Fragmented systems, misaligned business initiatives, and uncoordinated technology investments result in expensive technical debt and compliance failures across major digital transformations. To follow this course, you must already understand corporate IT landscapes, system development lifecycles, and core solution design. Through practical exercises, you align business models with technology layers and establish structured architectural governance.

Who It Is For

- Professionals responsible for defining target architectures and multi-year technology roadmaps across enterprise business units
- Professionals responsible for aligning business capabilities, application services, and infrastructure deployments with corporate strategy
- Professionals responsible for governing architecture review boards, baseline assessments, and technical compliance across ongoing projects
- Professionals responsible for standardizing data management, security controls, and integration patterns across legacy and modern platforms

This course is not for software programmers seeking coding syntax instruction, nor is it for infrastructure technicians requiring physical network cabling and server configuration courses.

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Competencies You Will Build

- Architecture Method Application: Applying the TOGAF Architecture Development Method phases to structure baseline and target architecture definitions.
- Business Capability Modeling: Designing value streams, capability maps, and organization structures to support strategic modernization goals.
- Information Systems Architecture: Formulating coordinated data entity models and application portfolio component diagrams across business services.
- Technology Infrastructure Design: Structuring platform services, cloud deployment models, and network zoning architectures to support core applications.
- Architecture Governance Setup: Operating compliance assessments, architecture contracts, and change management procedures through Architecture Review Boards.
- Transition Roadmap Delivery: Formulating work packages, migration increments, and implementation roadmaps based on dependency and risk analyses.

What You Will Be Able to Do

By the end of the course you will be able to:

- From organizational strategic goals, formulate an architecture vision document and stakeholder matrix to guide transformation initiatives.
- Given legacy application portfolios, construct target business, data, application, and technology architectures using standard metamodel components.
- Using gap analysis techniques, identify capability deficiencies, technical redundancies, and transition milestones across target business environments.
- From operational risk profiles, establish an architecture governance framework with compliance review criteria and contract dispensations.
- Given competing project priorities, formulate an implementation and migration plan that sequences architecture work packages logically.
- Using digital enterprise repository models, structure architecture artifacts to maintain traceability from business driver to physical deployment.

Course Content

Day 1: Architecture Vision and Business Architecture

- TOGAF Standard 10th Edition Structure and Core Concepts for Enterprise Architecture Teams
- Architecture Development Method Preliminary Phase and Scope Definition Techniques
- Phase A Architecture Vision Development and Stakeholder Communication Matrix Design
- Phase B Business Architecture Modeling Using Value Streams and Business Capabilities
- Organization Mapping and Business Service Definition for Strategic Target Alignment

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Day 2: Information Systems Architecture and Technology Design

- Phase C Data Architecture Formulation and Conceptual Data Entity Modeling
- Data Management Integration and Regulatory Boundary Mapping Across Enterprise Services
- Phase C Application Architecture Structuring and Component Interface Design
- Phase D Technology Architecture Specification and Cloud Platform Modeling
- Network Zoning, Infrastructure Services, and Security Baseline Integration

Day 3: Opportunities, Solutions, and Migration Planning

- Phase E Opportunities and Solutions Identification Using Consolidated Gap Analysis Matrices
- Architecture Work Package Definition and Implementation Factor Assessment Methods
- Phase F Migration Planning and Transition Architecture Formulation Techniques
- Business Value Estimation, Cost-Benefit Trade-Offs, and Architecture Risk Scoring
- Implementation Sequencing and Multi-Year Roadmap Scheduling for Major Programs

Day 4: Architecture Governance and Change Management

- Phase G Implementation Governance and Architecture Contract Formulation Protocols
- Architecture Review Board Operations, Compliance Checklists, and Dispensation Handling
- Phase H Architecture Change Management and Dynamic Technology Adaptation Procedures
- Architecture Content Metamodel Implementation Across Digital Repository Platforms
- Architecture Maturity Assessment and Continuous Practice Improvement Protocols

Day 5: Enterprise Practice Integration and Blueprint Assembly

- Exercise on Business Capability Mapping and Target Application Architecture Alignment
- Exercise on Transition Architecture Sequencing and Migration Roadmap Formulation
- Exercise on Architecture Governance Review and Compliance Assessment Modeling
- Exercise on Stakeholder Communication and Trade-Off Resolution for Modernization Programs
- Finalization of the Enterprise Architecture Transition Blueprint and Governance Package

Case Studies and Exercises

These suggested activities provide practical application of architecture methods and repository design across diverse corporate operations:

- Case study: A commercial retail and distribution enterprise where you map customer-facing business capabilities, eliminate legacy application redundancies, and design a modern order-fulfillment technology architecture.
- Case study: A multi-facility healthcare network where you construct baseline and target data architectures, resolve patient record interoperability issues, and structure security controls.
- Exercise: A financial services firm where you conduct an architecture gap analysis, evaluate migration risks, and sequence project work packages into prioritized transition stages.
- Exercise: A transportation and logistics operator where you formulate an architecture review charter, define project compliance criteria, and draft enforceable architecture contracts.

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What You Take Back

The Enterprise Architecture Transition Blueprint and Governance Package provides practical templates and structured methods to guide your architecture practice during your first month back at work. You will use it to map capabilities, model domain architectures, evaluate project compliance, and present roadmaps to executive sponsors.

- Architecture vision template with stakeholder management matrix and value stream mapping guides
- Target domain architecture specification pack covering business, data, application, and technology views
- Migration planning matrix and transition architecture sequencing framework
- Architecture governance charter with review board compliance checklists and contract forms

Quick Answers FAQ

What background is required before attending the TOGAF Enterprise Architecture Foundation and Practitioner Training Course?

You need working knowledge of enterprise IT systems, experience with business or technical analysis, and familiarity with solution delivery lifecycles. Prior exposure to strategic technology planning or system design allows you to apply architecture concepts directly to organizational scenarios.

How does the TOGAF Enterprise Architecture Foundation and Practitioner Training Course differ from solution architecture courses?

Solution architecture courses focus on single-system designs, software design patterns, and tactical technical implementations. The TOGAF Enterprise Architecture Foundation and Practitioner Training Course addresses organization-wide technology portfolios, strategic business alignment, transition roadmaps, and multi-domain architecture governance across the entire enterprise.

What role does the Architecture Development Method play in enterprise architecture practice?

The Architecture Development Method provides a repeatable, structured cycle for deriving business, data, application, and technology architectures. It guides practitioners from initial stakeholder vision through gap analysis, transition planning, and project governance, ensuring consistency across complex transformations.

What will you take back to apply in your enterprise architecture role?

You take back the Enterprise Architecture Transition Blueprint and Governance Package, complete with target architecture templates, migration planning matrices, and governance review checklists, allowing you to establish structured architectural modeling immediately within your organization.

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For Your Manager

The team member will be able to structure enterprise architectures using proven industry methods, align technology investments with business strategy, and establish practical architecture governance. Returning with the completed Enterprise Architecture Transition Blueprint and Governance Package, they will immediately apply these tools to prioritize migration roadmaps, evaluate technical project compliance, and reduce redundant system costs across upcoming organizational initiatives.