CONCEPT

Enterprise Architecture in Practice: TOGAF, ArchiMate and Capability-Based Roadmaps

8 – 12 March 2027
London - Central London four-star



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Technical depth: Practitioner · **Practical mode:** Case study

Introduction

Organisations fund digital, data and restructuring programmes that overlap, duplicate applications and lock in technical debt, because nobody holds a shared view of how capabilities, processes, data and systems fit together. Enterprise architecture provides that view, but many architecture teams produce diagrams that decision-makers never use. This Core Concept course applies the TOGAF Standard, 10th Edition and the ArchiMate 3.2 modelling language to real planning decisions, from capability mapping to transition roadmaps and architecture governance. Participants leave with an Architecture Roadmap Pack for a change initiative in their own organisation.

Course Objectives

- Assess an organisation's architecture maturity and stakeholder concerns using ISO/IEC/IEEE 42010 viewpoints and a capability maturity scorecard
- Apply the TOGAF Architecture Development Method and Content Framework to scope and structure an architecture engagement
- Model baseline and target architectures across business, data, application and technology domains in ArchiMate 3.2
- Build business capability maps and application rationalisation decisions that link investment to business outcomes
- Run gap analysis, architecture compliance reviews and decision records that control risk and technical debt
- Produce an Architecture Roadmap Pack that a steering committee can approve and fund

Target Audience

- Enterprise and solution architecture leads responsible for target-state design and roadmaps
- Business architecture and business analysis managers who map capabilities and value streams
- IT planning and portfolio managers who prioritise technology investment
- Digital transformation office managers coordinating cross-domain change
- Data and technology architecture leads maintaining standards and reference models
- Architecture governance and review board coordinators overseeing design compliance

Course Outline

Day 1: Enterprise Architecture Foundations and Current State

- Enterprise Architecture Purpose and Value Drivers in the TOGAF Standard, 10th Edition
- Architecture Versus Architecture Description in ISO/IEC/IEEE 42010:2022
- Zachman Framework Classification of Architecture Artefacts
- Architecture Capability Maturity Assessment Scorecard
- Stakeholder Concerns and Viewpoint Register

Day 2: Architecture Method, Content and Modelling Language

- TOGAF ADM Phases from Preliminary to Architecture Change Management
- TOGAF Content Framework and Enterprise Metamodel
- ArchiMate 3.2 Core Layers: Business, Application and Technology
- ArchiMate 3.2 Strategy, Motivation, Implementation and Migration Elements
- Architecture Repository and Enterprise Continuum Structure

Day 3: Building the Architecture Views

- Business Capability Map Construction and Heat Mapping
- Value Stream to Capability Cross-Mapping with the BIZBOK Guide
- Application Portfolio Rationalisation with the TIME Model
- Data Entity and Information Flow Modelling
- Technology Reference Model and Standards Catalogue

Day 4: Roadmaps, Governance and Architecture Risk

- Gap Analysis and Transition Architecture Definition
- Architecture Board Compliance Review and Dispensation Process
- Architecture Principles and Architecture Decision Records
- Technical Debt and Architecture Risk Register Aligned to ISO 31000
- Security Architecture Integration Using SABSA Business Attribute Profiling

Day 5: Case Work and the Architecture Roadmap Pack

- Merger Integration Case Study: Baseline and Target Capability Comparison
- Public Service Platform Case Study: Application Rationalisation Decision
- ArchiMate Roadmap View Build for an Own Change Initiative
- Architecture Roadmap Pack Drafting
- Architecture Review Panel and Pack Defence

Skills You Will Gain

- Architecture Viewpoint Design
- ArchiMate Modelling
- Capability-Based Planning
- Application Portfolio Rationalisation
- Architecture Gap Analysis
- Architecture Compliance Assessment
- Technology Standards Management
- Architecture Decision Documentation

Why Attend This Course

- Return to work with an Architecture Roadmap Pack for a live initiative, already tested before a review panel
- Present architecture to executives as capability and investment choices rather than technical diagrams
- Recognise duplicated applications and hidden dependencies before they reach a project budget
- Compare architecture practice with architects from other sectors and countries facing similar portfolio decisions

Conclusion

Enterprise architecture earns its place when it changes funding, sequencing and design decisions. This course moves from the purpose of architecture and stakeholder concerns, through the TOGAF method and ArchiMate modelling, to capability maps, application rationalisation, gap analysis and architecture governance. The final day turns that work into an Architecture Roadmap Pack that participants take back to their steering committee, giving them a structured and defensible basis for the next portfolio of change they are asked to shape.