ENGINEER-TO-ARCHITECT AND DURABLE THINKING SKILLS

Enterprise Architecture with TOGAF

Level: Practitioner • 2 days (expandable to 3) • Virtual, In-person

Overview

Enterprise architecture answers a question no single project can: how does the whole organization's technology fit together, and how do we change it deliberately instead of by accident? TOGAF is the most widely adopted framework for doing that work, but it arrives as hundreds of pages of standard, and the hard part is knowing which pieces to actually use. Practiced badly, EA becomes documentation nobody reads; practiced well, it is how technology strategy becomes real change.

This is a hands-on, practitioner course. It teaches the TOGAF standard in the order the work actually happens: first what enterprise architecture is for and how TOGAF organizes it, then a full pass through the Architecture Development Method (ADM) from vision to implementation and change, then the artifacts and governance that hold it together. We deliberately teach a working command of the ADM and the judgment to right-size it, rather than exhaustive coverage of every part of the standard; the course aligns with the TOGAF 10 Foundation body of knowledge for those pursuing certification. Every module ends with a lab applying the method to a running case study, and each module builds on the one before.

Who Should Attend

- Solution and application architects stepping up to enterprise-level work
- Senior engineers and technical leads who need to work with or within an EA practice
- IT managers and analysts preparing for TOGAF 10 certification

Prerequisites

- Several years of experience in software or IT roles
- Familiarity with how projects and IT organizations operate
- No prior enterprise architecture experience is required

What You Will Learn

- Explain what enterprise architecture is for and how TOGAF structures the practice
- Apply the ADM phase by phase, from architecture vision through change management
- Perform gap analysis between baseline and target architectures
- Produce the core TOGAF deliverables: vision, definition document, and roadmap
- Set up architecture governance that helps delivery instead of blocking it
- Right-size TOGAF to an organization, and prepare confidently for TOGAF 10 Foundation certification

Course Outline

Day one: the standard and the first half of the ADM

- Enterprise Architecture and the TOGAF Standard
  - What EA is for: aligning technology change with business strategy

  - The structure of TOGAF 10: the ADM, guidance, and the certification path
  - The four architecture domains: business, data, application, technology
  - Lab: map a realistic organizational problem to the architecture domains it touches
- Getting Started: Preliminary Phase and Architecture Vision
  - Establishing the architecture capability and its principles
  - Phase A: scoping the work, identifying stakeholders, and managing their concerns
  - Writing an architecture vision that a sponsor will actually read
  - Lab: draft an architecture vision and a stakeholder map for the case-study organization
- Developing the Architecture: Phases B, C, and D
  - Business architecture: capabilities, value streams, and organization
  - Information systems architectures: data and application
  - Technology architecture, and gap analysis across all four domains
  - Lab: build a baseline-versus-target gap analysis for one domain of the case study

Day two: from architecture to change

- Planning and Delivering: Phases E, F, and G
  - Opportunities and solutions: turning gaps into work packages and transition architectures
  - Migration planning and the architecture roadmap
  - Implementation governance: keeping delivery aligned without becoming the department of no
  - Lab: turn your gap analysis into a roadmap with sequenced transition architectures
- Managing Change: Phase H and Requirements Management
  - Architecture change management: keeping the architecture alive after delivery
  - Requirements management as the hub of the ADM
  - Iterating the ADM: it is a method, not a waterfall
  - Lab: process two incoming change requests against your roadmap and decide what each triggers
- Artifacts, Repository, and Making EA Deliver Value
  - The content framework: deliverables, artifacts, and building blocks
  - The enterprise continuum and the architecture repository
  - Right-sizing TOGAF, common failure modes of EA practices, and certification next steps
  - Lab: assemble a minimal, fit-for-purpose artifact set for the case study and pitch its value to an executive

Extended Version

The three-day version keeps the same gradient and adds depth and a capstone:

- A deeper treatment of business architecture: capability mapping and value streams in practice
- Architecture governance design: boards, contracts, and compliance reviews that work
- TOGAF 10 Foundation exam preparation: practice questions and coverage review
- A capstone: teams run a compressed ADM cycle on a fresh scenario, from vision to roadmap, and defend it to a stakeholder panel