Enterprise Architecture Modelling using ArchiMate® 3 Training

Duration: **3 Day**

BİLGİNÇ IT Academy
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Overview

Enterprise Architecture (EA) provides organisations with a structured approach to aligning business objectives with information technology while supporting strategic transformation initiatives. A standard modelling language enables architects to communicate complex architectures consistently, improve collaboration, and document both current and future enterprise states.

Enterprise Architecture Modelling using ArchiMate® 3 is a comprehensive training programme that teaches participants how to model enterprise architectures using the ArchiMate® 3 standard. Throughout the course, learners explore the language structure, modelling concepts, relationships, and architectural layers while developing practical models using real-world scenarios.

The programme also prepares participants for both the **ArchiMate® 3 Foundation** and **ArchiMate® 3 Practitioner** certification examinations.

Prerequisites

There are no mandatory prerequisites for this programme.

However, familiarity with the following topics is recommended:

- TOGAF® Enterprise Architecture
- UML or other modelling languages
- Enterprise Architecture concepts

Training Environment

The course may be delivered in a classroom or through live virtual sessions.

Practical exercises are normally completed using the **Archi®** modelling tool. Participants are encouraged to install the software before the course begins. Learners who already use another ArchiMate-compatible modelling tool may continue using their preferred application.

Who Should Attend

This programme is designed for:

- Enterprise Architects
- Solution Architects
- Business Architects
- IT Architects
- Digital Transformation Consultants
- TOGAF Practitioners
- Enterprise Architecture Teams
- Professionals responsible for business and IT alignment

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What You Will Learn

Upon successful completion of this course, participants will be able to:

- Explain the core principles of the ArchiMate® 3 specification.
- Create enterprise architecture models using standard ArchiMate notation.
- Model strategy, business, application, technology, and implementation layers.
- Apply ArchiMate relationships correctly when designing architecture diagrams.
- Use enterprise architecture modelling tools to develop practical models.
- Analyse real-world enterprise architecture scenarios.
- Prepare confidently for the ArchiMate® 3 Foundation and Practitioner certification examinations.

Outline

Module 1 – Introduction to Enterprise Architecture

- Enterprise Architecture fundamentals
- Business and IT alignment
- The role of Enterprise Architecture
- Introduction to ArchiMate®

Module 2 – Certification Programme

- Foundation certification
- Practitioner certification
- Examination process
- Exam structure
- Preparation guidance

Module 3 – Core Concepts

- ArchiMate terminology
- Fundamental modelling concepts
- Architecture viewpoints
- Modelling principles

Module 4 – Language Structure and Metamodel

- Language structure
- Generic metamodel
- Core modelling elements
- Modelling rules

Module 5 – Relationships

- Structural relationships
- Behavioural relationships
- Dependency relationships
- Selecting appropriate relationships
- Model consistency

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Module 6 – Enterprise Architecture Layers

- Motivation Aspect
- Strategy Layer
- Business Layer
- Application Layer
- Technology Layer
- Physical Layer
- Implementation and Migration Layer

Module 7 – Practical Modelling Workshops

- Enterprise architecture scenarios
- Model development exercises
- Case studies
- Architecture modelling best practices

Module 8 – Certification Preparation

- Foundation sample questions
- Practitioner sample questions
- Exam techniques
- Preparation strategies

Certification

This programme prepares participants for the following internationally recognised certifications issued by **The Open Group**:

- **ArchiMate® 3 Foundation**
- **ArchiMate® 3 Practitioner**

The course fee includes official examination vouchers for both certifications. Participants may schedule their online examinations at a time convenient to them after completing the training. The examination process, question formats, and preparation techniques are reviewed throughout the programme to maximise certification success.