Modeling with ArchiMate® 3.0 using Enterprise Architect 13.x or 14.x

Two Day Course Syllabus

**DAY 1**

**Introduction to Enterprise Architect**

User Interface
- Desktop layout
- Portals
- Commonly used Windows/Ribbons
- Perspectives, Workspace Layouts, Menu, and Ribbon Configuration

Managing Projects
- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Model patterns
- Project Browser Features

Managing Diagrams
- Toolbox
- Creation techniques
- Menu/ribbon options, context menu, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

Creating Diagram Elements
- Creation techniques
- Editing properties
- Drag and drop

Customizing Diagram Element Appearance
- Color, Font, Image
- Layering
- Feature Visibility
- Layout and Alignment

Deleting Model Elements
- Diagram level deletions
- Repository level deletions

Managing Connectors
- Creation (toolbox and Quick Linker)
- Redistribution
- Line bends
- Line styles

Managing Package Content
- Package Navigator
- Package Browser/List View (overview)

**Tool Configuration**
- Defining general types
- Personal and global configuration options

**COURSE LEADER**

Frank Truyen

is a principal consultant and trainer, with 20+ years of experience in the IT industry as a developer, architect, consultant and manager. Strong expertise in different modeling notations such as UML®, SysML®, SoaML™, DDS™, UPDM™, ArchiMate® and BPMN™, allied with his extensive experience in using the Enterprise Architect modeling tool, allows Frank to successfully provide training and consulting services to a broad variety of customers across many industries.

Page 1 of 4
ArchiMate 3.0
Overview

**Motivation Elements**
Stakeholder
Driver
Assessment
Exercise 1

Goal
Outcome
Principle
Requirement
Constraint
Exercise 2

Meaning
Value
Exercise 3

**Strategy Elements**
Resource
Capability
Course of Action
Exercise 1

**Business Layer**
Active Structure Elements
Actor
Role
Collaboration
Interface
Exercise 1

Behavioral Elements
Process
Function
Interaction
Event
Service
Exercise 2

Passive Structure Elements
Business Object
Contract
Representation
Composite Elements
Product
Exercise 3
DAY 2

**Application Layer**

Active Structural Elements
- Component
- Collaboration
- Interface
- Exercise 4

Behavioral Elements
- Function
- Interaction
- Process
- Event
- Service
- Exercise 5

Passive Structure Elements
- Data Object

**Technology Layer**

Active Structural Elements
- Node
- Device
- System Software
- Collaboration
- Interface
- Path
- Communication Network
- Exercise 6

Behavioral Elements
- Function
- Process
- Interaction
- Event
- Service

Passive Structure Elements
- Object
- Artifact
- Exercise 7

**Dependencies across Layers**

- Business-to-lower layer alignment
- Application-to-Technology alignment
Traceability and Navigation
Overview
The Relationships window
The Relationship Matrix
The Traceability window
Other traceability features

Core Tool Features (as time permits)

Documentation Generation
RTF/DOCX/PDF generator
Diagram, Package, and Element options
Linking generated documents into Microsoft Word
Model documents
Master documents
Generating HTML
Other features

Document Artifacts
Creating
Linked Documents
External document links
Document window

Model Searches
Initiating
Configuring
Viewing results
Custom searches
Other features

Managing Baselines and comparing models
Creating baselines
Administering baselines
Package comparisons
Diagram comparisons