

# Business Process Modeling with BPMN™ 2.0 using Enterprise Architect 13.x or 14.x

One Day Course Syllabus

## Introduction to BPMN

BPMN Elements and Concepts

## Introduction to Enterprise Architect

User Interface

- Desktop layout
- Portals
- Commonly used Views/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
- Layout and Alignment
- Resizing

Deleting Model Elements

- Diagram level deletions
- Repository level deletions

Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- 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.

## Core Concepts

Process

Steps for Modeling a Business Process

Event Handling and Types

Terminate

None

Timer

Message

Signal

Error

Escalation

Link

Events

Start Event

End Event

Intermediate Event

Activity

Sub-Process

Event Sub-Process

Task

Service

Send

Receive

User

Manual

Call Activity

Standard loop semantics

Gateway

Exclusive

Inclusive

Parallel

Event-Based

Complex

Lanes

Definition and properties

Mapping to Roles

Items and Data

Data Object

Lifecycle and accessibility

Data Association

Artifacts

Group

Text Annotation

Association

Sequence Flow

Collaboration Models

Pool

Message Flow