



Business Process Modelling using BPMN and Sparx Systems Enterprise Architect

The Business Process Modelling using BPMN and [Sparx Systems Enterprise Architect](#) training course is designed for Business Analysts who have a good working knowledge of both [UML](#) and Enterprise Architect and wish to upgrade their knowledge in how to use the [Business Process Modelling Notation](#) (BPMN) to model business processes and how to capture these models efficiently within Enterprise Architect.

The Business Process Modelling using BPMN and Enterprise Architect training course is hands-on with practical exercises throughout. We provide you with individual PC's so that you are able to work alone. Class sizes are kept small so that you will receive personal attention. You will take away extensive printed course material, which will be of on-going use to you in your work.

[Business Process Modelling using BPMN and Enterprise Architect: Course Content](#)

Enterprise Architect Best Practices

- Best practices for structuring projects
- Customising the project settings and making these settings re-useable
- Exporting and importing resources
- Using base projects
- Advantages and Disadvantages of Private, Shared and Distributed Models
- Version control issues

Business Process Modelling

- Overview of the process and deliverables
- The options available
- UML (Activity diagram, Sequence Diagram)
- Examples used to illustrate the use of these diagrams
- BPMN
- What is BPMN
- Comparison of UML and BPMN Business Process Modelling
- Background to BPMN
- Origins
- Use of BPMN throughout the System Development Life-Cycle
- Guidelines for successful use of BPMN

Concepts

- Diagram elements
- Activities, Tasks and Sub-Processes
- Events and their use
- Gateways (exclusive, inclusive, complex, parallel, data based, event based)
- Connectors (sequence flow, default flows, message flow, association)



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- Swimlanes and Pools
- Artifacts (Text annotation, Data Objects, Groups)
- Process levels
- Data Flows
- Exception handling
- Compensations and Transactions
- Looping
- Orchestration and Choreography
- BPMN Modelling Guidelines and Best Practices

Prerequisites

A working knowledge of the [Unified Modelling Language \(UML\)](#).

Should you require a quote for onsite training please [contact us](#).

