

Course : BPMN 2.0 language, model your business processes efficiently

process representation and design practices

Practical course - 3d - 21h00 - Ref. BMN

Price : 2460 CHF E.T.

★★★★★ 4 / 5

BEST

The international BPMN 2.0 standard enables you to clearly formalize the business processes that are essential to describing your company's organization. This course will show you how to map processes using a modeler, how to improve them, and even how to automate them using an engine.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understand the power of BPMN 2.0 notation and its impact on process design
- ✓ Master BPMN 2.0 notation, in all its details, and assimilate its spirit
- ✓ Learn to ask the right questions to ensure model and process quality
- ✓ Acquire the methodology and best practices needed to take advantage of BPMN 2.0 notation

Intended audience

All those involved in writing processes: business managers, project managers, IT managers, organization and process managers. Business analysts, process designers.

Prerequisites

Be familiar with the notion of process, and have a basic understanding of BPM (Business Process Management)

PARTICIPANTS

All those involved in writing processes: business managers, project managers, IT managers, organization and process managers. Business analysts, process designers.

PREREQUISITES

Be familiar with the notion of process, and have a basic understanding of BPM (Business Process Management)

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

Practical details

Exercise

Exercises of increasing complexity, covering all the components of the BPMN 2.0 standard. Two case studies. Critical examination of real models.

Teaching methods

Objective-based teaching. Discovery of notation based on representation needs.

Course schedule

1 Introducing the process approach

- The challenges of BPM in business transformation.
- Concepts and definitions.

Hands-on work

Experience the difficulties of process representation.

2 Representing a process with BPMN

- Outline processes: tasks, events, nominal cases.
- Scheduling activities: 7 types of connections or gateways.
- Introduce temporality into processes: sub-processes, boundary events, clock.
- Take disruptions into account: interruption, incident or error, transaction, compensation.

Hands-on work

Design a realistic process: flows, hazards, instance levels.

3 Describe an organization's activity

- Distribute activities and describe cooperation: participants, choreography, conservation, collective activities.
- Business activity architecture: process architecture, reuse, cross-functional processes.

Hands-on work

Understand the organization as a whole.

4 Quality of process documentation

- Modeling business activity: the business analyst's actions and decisions.
- Review process models.

Exercise

Review notation through complementary exercises.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

5 Optimize processes: quantify, simulate, innovate

- Process performance: KPIs, process indicators, ROI calculation, flow analysis.
- Simulate process operation: animation and simulation functions available in the tools.
- Innovating with processes: "ad hoc" processes, objects, innovative design processes.
- Summary of BPMN 2 notation.

Hands-on work

Simulate a process with a modeling tool and a process execution engine.

6 Run processes

- Generate and run processes from their model.
- Technology update: BPEL standard, process execution engines.

Demonstration

Demonstration with a commercially available execution engine.

7 Implementing process-driven transformation

- General framework: description repository, Praxeme public method.
- The implementation approach: phases, local and global scope.

Dates and locations

REMOTE CLASS

2026 : 1 June, 14 Sep., 23 Nov.,
23 Nov.