



*Training Course:  
Business Process Analysis & Modelling*

*22 - 26 December 2024  
Alexandria (Egypt)*

## Training Course: Business Process Analysis & Modelling

Training Course code: MA1112 From: 22 - 26 December 2024 Venue: Alexandria (Egypt) - Training Course Fees: 3950 € Euro

### Introduction

Business process analysis and modeling is an essential component of Business Process Redesign BPR as well as other business process improvement initiatives such as reengineering, systems development, quality management, and continuous process improvement. In this workshop, the participants will acquire the knowledge and skills to analyze and accurately model business processes at the enterprise level as well as the detailed workflow level.

Participants will learn the Integration Definition for Process Modeling IDEF0 method and the Business Process Diagram notation. These are open modeling standards that are used by a number of leading business process modeling tools. They are easy to understand and can be applied to all aspects of business process innovation. These methods facilitate rigorous analysis, creative thinking, and the development of information technology systems.

Business process analysis and modeling are important because:

- The accurate description of business processes requires rigorous analysis
- Business process models provide a baseline from which to improve
- Analysis and modeling facilitates improvement through uncovering anomalies, redundancies and deficiencies
- Models provide the basis for studying and testing a process design and measuring process outcome
- Business process models transform ephemeral knowledge into a tangible business asset - reusable models that all can understand
- Models provide clear business process definitions for the effective operation of the business.

### Course Objectives of Business Process Analysis & Modelling

This course aims to enable participants to achieve the following objectives:

- Objectively analyze the process dimension of the business
- Accurately define the scope of a business process
- Develop an enterprise-level business process model
- Capture and map the details of an existing business process using a model
- Build an integrated model of a defined business process showing its levels of detail
- Obtain the information necessary to build a business process model
- Identify business process improvement opportunities using a model

### Course Methodology of Business Process Analysis & Modelling

State-of-the-art business process modeling methods are transferred by means of short, focused presentations which are followed by experiential learning workshop sessions. In these sessions, the knowledge gained is applied to real-world examples and case studies. Rapid learning of the methods and techniques is achieved by means of group work, individual work, participant discussion, facilitator interaction, and constructive feedback.

## Organizational Impact of Business Process Analysis & Modelling

- Enable a process-centered organizational culture
- Facilitate radical and continuous improvement in the organization
- Accurately define the work of the organization through the use of business process models
- Contribute to the achievement of breakthrough organizational performance
- Enable the effective manage business processes
- Make business processes efficient and adaptable

## Personal Impact of Business Process Analysis & Modelling

- Objectively obtain the right information to build business process models
- Effectively apply best-practice business process modeling techniques
- Be able to analyze business process performance
- Confidently contribute to business process improvement initiatives
- Present business process improvements to ensure stakeholder buy-in
- Implement business process improvements to achieve breakthrough results

## Outlines Course Business Process Analysis & Modelling

### DAY 1

#### Understanding Business Processes

- An introduction to business processes
- The horizontal organization versus the vertical organization
- Types of business processes
- Identifying and naming business processes
- Defining business process scope
- How to analyze the components of a business process
- Mapping and modeling business processes - basic concepts
- Practical analysis work

### DAY 2

#### Developing Business Process Models using Business Process Modelling Notation BPMN

- An introduction to BPMN
- The core BPMN elements
- Modeling business process activities
- Describing business process events
- Representing detailed branching and joining logic
- Identifying business process patterns
- Modeling process resources
- Practical business process modeling work

### DAY 3

#### Advanced Business Process Modelling using BPMN

- Using the BPMN extended element set

- Modeling business process sub-processes
- Business process event types
- Representing resources using pools and lanes
- Message flows and default flows
- Modeling business process exceptions
- Describing process activity attributes
- Advanced business process modeling work

#### DAY 4

##### Modeling Processes Using the Integration Definition for Process Modelling IDEF0

- Business process architecture
- The business process classification framework
- The IDEF0 modeling method
- Modeling activities and objects
- The five IDEF0 diagram types
- Building the top-level diagram
- Developing decomposition diagrams
- Practical business process modeling work using IDEF0

#### DAY 5

##### Improving Business Processes Using Models

- Analyzing existing business processes
- Eliciting process customer requirements
- Measuring business process performance
- The two stages of business process improvement
- Moving from as-is to to-be models
- Simulating business processes
- Implementing business process changes
- Choosing the right modeling tool

## Registration form on the Training Course: Business Process Analysis & Modelling

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng): .....  
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### Company Information

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### Person Responsible for Training and Development

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### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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