

Business Information Technology Planning, Deployment
& Management Courses

Cairo (Egypt)

23 - 27 March 2025

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Business Information Technology Planning, Deployment & Management Courses

Code: IT28 From: 23 - 27 March 2025 City: Cairo (Egypt) Fees: 3900 Pound

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 course, 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 many 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

Course Objectives

- An introduction to business processes
- The horizontal organization VS 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

Course Content

Day 1

Understanding Business Processes:

- An introduction to business processes
- The horizontal organization VS 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

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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



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International House 185 Tower Bridge
Road London SE1 2UF United Kingdom



+44 7401 1773 35
+44 7480 775526



training@blackbird-training.com



www.blackbird-training.com

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