

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: 4000 Pound

Introduction

Business process analysis and modeling are crucial elements in Business Process Redesign BPR and various business process improvement initiatives, including reengineering, systems development, quality management, and continuous process improvement. This course aims to equip participants with the essential knowledge and skills required for effective analysis and accurate modeling of business processes at both the enterprise and detailed workflow levels. Participants will delve into the Integration Definition for Process Modeling IDEF0 method and Business Process Diagram BPD notation—open modeling standards widely adopted by leading business process modeling tools. These methods not only simplify the understanding of complex processes but also foster rigorous analysis, creative thinking, and the development of effective information technology systems.

Course Objectives

- **Understanding Business Processes:** Gain insights into what business processes are and their significance in strategic IT management and business IT planning processes.
- **Comparing Organizational Structures:** Learn about horizontal vs. vertical organizations and their implications for information technology strategy and deployment management.
- **Identifying and Naming Processes:** Develop skills in identifying and accurately naming business processes as part of a comprehensive information technology business plan.
- **Defining Process Scope:** Understand how to define the scope of business processes within the framework of strategic IT planning.
- **Analyzing Process Components:** Master the techniques for analyzing the components of a business process and their relevance to global information technology management.
- **Mapping and Modeling:** Acquire basic concepts of mapping and modeling business processes, which are integral to information technology management.
- **Practical Analysis Work:** Engage in practical analysis work to reinforce theoretical knowledge.

Course Outlines

Day 1: Understanding Business Processes

- Introduction to business processes and their role in strategic IT management.
- Horizontal organization vs. vertical organization and their impact on information technology strategy.
- Types of business processes: Identifying and naming processes in the context of an effective information technology management plan.
- Defining the scope of business processes and what it means for information technology deployment.
- Analyzing the components of a business process to align with information technology management definitions.
- Basic concepts of mapping and modeling business processes.
- Practical analysis work to solidify understanding.

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Day 2: Developing Business Process Models using BPMN

- Introduction to Business Process Modeling Notation BPMN and its significance in strategic IT planning.
- Core BPMN elements and their application in information technology management.
- Modeling business process activities: Describing events and representing branching logic in the context of information technology deployment.
- Identifying business process patterns and modeling process resources effectively.
- Hands-on business process modeling work to apply learned concepts.

Day 3: Advanced Business Process Modeling using BPMN

- Utilizing the BPMN extended element set for strategic information technology management.
- Modeling sub-processes and understanding event types.
- Representing resources with pools and lanes, along with message flows and default flows.
- Addressing business process exceptions and describing process activity attributes.
- Advanced modeling work to enhance skillsets in information technology management.

Day 4: Modeling Processes Using IDEF0

- Understanding business process architecture and its classification framework.
- Mastering the IDEF0 modeling method for strategic IT planning.
- Building the top-level diagram and developing decomposition diagrams for effective information technology strategy.
- Engaging in practical modeling work using IDEF0 to reinforce learning.

Day 5: Improving Business Processes Using Models

- Analyzing existing business processes to enhance performance through strategic IT management.
- Eliciting process customer requirements and measuring business process performance.
- Understanding the two stages of business process improvement: moving from as-is to to-be models.
- Simulating business processes and implementing changes as part of a comprehensive information technology management approach.
- Choosing the right modeling tool to support strategic initiatives in business process improvement.

Conclusion

By the end of this course, participants will have a comprehensive understanding of the business IT planning process, strategic IT management, and information technology deployment. They will be well-equipped to define and implement effective information technology strategies that contribute to enhanced business performance and continuous process improvement.



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