

OMG Business Process Management Intermediate (OCEB 2™)

Duration: 32 hours

Course Description

The BPM Intermediate course covers the concepts of the BMM (influencers, assessments and modeling scenarios), advanced BPM areas (advantages of a shared business-wide vocabulary as provided by Semantics of Business Vocabulary and Business Rules approach) and business process management knowledge and skill areas (Key Performance Indicators, Business Activity Monitoring, process simulation and optimization, and modeling Return on Investment) and industry frameworks for process quality, metrics, and governance and regulatory compliance. With this knowledge, an individual, either as a team member or as team leader, can design and execute a BPM project of moderate scope including its distributed components.

Course Content

1. Business Motivation Model (BMM)

- What is the Business Motivation Model
- Elements of Full Business Model
- Business Rules and Methodologies in BMM
- Beneficiaries in BMM
- Key Ideas in BMM
- BMM structure and Concepts
- Processes and structure supported by BMM
- Core Elements of BMM
- End Concepts
- Means Concepts
- Expressing Core elements and Influencers
- Placeholders and Associations

2. Business Process Maturity Model (BPMM)

- Introduction to Business Process Maturity Model (BPMM)

- Principles of Business Process Maturity Model
- BPMM Conformance
- The BPMM Uses
- BPMM Normative Content and Structure
- The BPMM Compared to Other Best Practices Models
- The BPMM Family
- BPMM Concepts
- BPMM Process Areas
- BPMM Structure
- Institutionalization
- Detailed Process Areas

3. Business Process Model and Notation (BPMN)

- BPMN Overview
- BPMN Elements
- BPMN Diagram Types
- BPMN Core Structure
- Process Modeling Conformance
- Process Execution Conformance
- Choreography Modeling Conformance
- Basic Process Concepts
- BPMN Notation and Diagrams
- BPMN Execution Semantics
- Mapping BPMN Models to WS-BPEL
- Exchange Formats

4. Decision Model and Notation

- Introduction to DMN
- Requirements (DRG and DRD)
- Relating Decision Logic to Decision Requirements
- Decision Table
- Simple Expression Language
- Expression Language
- Examples
- DMN Diagram Interchange

5. Semantics of Business Vocabulary and Business Rules (SVBR)

- SBVR Specifications
- Vocabulary Registration Vocabulary
- Linguistic Foundations
- Communities and Authorities

- Representations
- Concept systems
- Structures in Concept Systems
- Business Collections of Meanings and Representations
- Logical Formulation of Semantics