

□

IBM WebSphere Business Modeler V7 Process Mapping, Simulation and Analysis Information

<b>Length:</b>	5.0 Days
<b>Ref:</b>	WB782G-X
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

Overview

This course is also available as self-paced virtual (e-learning) course *IBM WebSphere Business Modeler V7: Process Mapping, Simulation and Analysis* (ZB782G). This option does not require any travel.

This course teaches you how to use the powerful features and capabilities of IBM WebSphere Business Modeler V7, as well as key Business Process Management (BPM) practices, to map, simulate, and analyze business processes.

WebSphere Business Modeler V7 enables the visualization, documentation, modeling, and analysis of business processes for understanding and process execution. Business Modeler provides a comprehensive view of the processes that underlie how organizations do business, which allows users to document business processes and to improve them through business process analysis.

In this course, you receive intensive training in documenting business processes and conducting simulation and analysis with WebSphere Business Modeler V7. The course begins with an overview of Business Modeler and the concept of business processes. you learn how to document business processes by creating business process diagrams with Business Process Modeling Notation (BPMN). you also learn how to define human tasks and business rules tasks, validate the process model, and apply common modeling patterns.

Hands-on lab exercises for the documentation portion of this course include creating process models using the Swimlane editor, project versioning using Rational ClearCase, and performing team collaboration by using WebSphere Business Compass with Business Space powered by WebSphere. you then apply what they learned, using these concepts and techniques to develop their own models based on a provided business scenario.

After learning how to document and map business processes, you explore the powerful simulation and analysis features offered by WebSphere Business Modeler. You learn how to use Business Modeler to set up and run simulations, as well as to conduct dynamic analysis with simulation results. You also learn how to define business measures and how to perform process improvement by comparing the results between AS-IS models and TO-BE models.

Hands-on lab exercises for the simulation and analysis portion of this course enable you to run simulations, create custom reports, define business measures, and generate Business Process Execution Language (BPEL) code.

For information about other related courses, visit the IBM Training website:

<http://www.ibm.com/training>

## Public

This intermediate course is designed for business analysts, implementation consultants, project managers, support engineers, sales and marketing professionals, and customers who need intensive training in process modeling, analysis, simulation, and reporting using WebSphere Business Modeler V7.

## Prerequisites

There are no required prerequisites for this course. However, students should have a fundamental knowledge of business process design **and** analysis.

## Objective

- Create a business process diagram using the process editor
- Create definitions and structures for modeling elements
- Validate a model and perform static analysis
- Apply common modeling patterns
- Identify project management capabilities and methodologies
- Create a process model based on a business scenario
- Perform team collaboration support for version control
- Perform team collaboration using WebSphere Business Compass
- Set up and run a simulation
- Conduct dynamic analysis
- Identify methods for process improvement
- Create custom queries and reports
- Describe the purpose of business measures
- Export projects from WebSphere Business Modeler

## Topics

- Course introduction
- Introduction to business process management and WebSphere Business Modeler
- WebSphere Business Modeler overview
- Exercise: Creating a simple process
- Creating a business process diagram
- Exercise: Adding definitions and structures

- Defining elements and attributes
- Exercise: Defining elements and attributes
- Completing the process model
- Exercise: Completing the process model
- Defining human tasks and forms
- Exercise: Defining human tasks and forms
- Defining business rules
- Exercise: Defining business rules
- Model validation and static analysis
- Exercise: Model validation and static analysis
- Basic reports and queries
- Exercise: Basic reports and queries
- Common modeling patterns
- Project management, methodology, and approaches
- Collaboration and support for version control
- Exercise: Collaboration and support for version control
- WebSphere Business Compass overview
- Exercise: Collaboration using Business Compass
- Building your own model
- Exercise: Building your own model
- Introduction to simulation and analysis
- Setting up and running simulations
- Exercise: Simulation and analysis
- Profile and dynamic analysis
- Exercise: Dynamic analysis
- Process improvement
- Exercise: Process improvement
- Custom reports and queries
- Exercise: Creating a custom report
- Defining business measures
- Exercise: Defining business measures in WebSphere Business Modeler
- Exporting from WebSphere Business Modeler
- Exercise: Exporting from WebSphere Business Modeler
- Interactive process design
- Course review
- Course summary
- Appendix: Linking requirements to Rational RequisitePro
- Exercise: Linking requirements to Rational RequisitePro
- Appendix: Importing into WebSphere Business Modeler
- Exercise: Importing into WebSphere Business Modeler

