**IBM - Developing Applications in IBM Business Process Manager Advanced V8.5 - I**

**Code:**  WB855G-SPVC

**URL:** [View Online](http://www.ibm.com/training)

This IBM Self-Paced Virtual Class (SPVC) includes:
- PDF course guide available to attendee during and after course
- Lab environment where students can work through demonstrations and exercises at their own pace

An updated version of this course is available. For more information, click *Developing Applications in IBM Business Process Manager Advanced V8.5 - I* (ZB857G).

This course is also available as classroom course *Developing Applications in IBM Business Process Manager Advanced V8.5 - I* (WB855G).

This course teaches you how to use the tools in IBM Business Process Manager Advanced V8.5 to build and deploy process integration solutions.

For information about other related courses, visit the IBM Training website:
http://www.ibm.com/training

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**Skills Gained**

- Describe the purpose and business value of a service-oriented architecture
- Describe the purpose and business value of the tools included in IBM Business Process Manager Advanced V8.5: IBM Process Designer, IBM Integration Designer, IBM Process Server, IBM Process Center, IBM Process Portal, Business Space, and WebSphere Enterprise Service Bus
- Identify and describe the features available in IBM Process Designer, IBM Integration Designer, and the Service Component Architecture
- Describe the structure of modules and libraries
- Create business objects, shared interfaces, and business calendars
- Model a complex business process diagram in IBM Process Designer
- Create a complex business process that includes basic and structured WS-BPEL activities in IBM Integration Designer
Who Can Benefit

This basic course is designed for system administrators, integration specialists, application developers, business process developers, support engineers, and technical sales and marketing professionals.

Prerequisites

You should have:

- basic Java and Java Platform
- Enterprise Edition (Java EE) skills and
- basic Extensible Markup Language (XML) skills

Successful completion of Process Implementing with IBM Business Process Manager Standard V8.5 - I (ZB808G) is highly recommended, but not required.

Course Details

Course Outline

- Course introduction
- Business process management and service-oriented architecture
- Exercise: Exploring IBM Process Designer and IBM Process Portal
- IBM Integration Designer overview
- Exercise: Exploring IBM Integration Designer, part I
- Service Component Architecture overview
- Exercise: Exploring IBM Integration Designer, part II
- SCA bindings
- Exercise: Working with web services
- Business objects
- Exercise: Creating business objects and shared interfaces
- Business process choreography overview
Exercise: Creating a business process, part I
Business process basic and structured activities
Exercise: Creating a business process, part II
Business process handlers, runtime behavior, and clients
Exercise: Creating a business process, part III
Business rules
Exercise: Creating business rules
Adapters
Exercise: Implementing WebSphere (JCA) adapters
Developing mediation services
Exercise: Creating mediation services, part I
Mediation primitives
Exercise: Creating mediation services, part II
Human tasks and human task clients
Exercise: Implementing human tasks, part I
Human task roles, people queries, and escalations
Exercise: Implementing human tasks, part II
Business Space
Exercise: Exploring Business Space
Advanced testing
Exercise: Using component tests
IBM Process Center
Exercise: Exploring IBM Process Center
Course summary