



IBM TRAINING

Ibm Business Process Manager Advanced

Master advanced IBM Business Process Manager to optimize and automate complex business workflows efficiently.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The IBM Business Process Manager Advanced course is meticulously designed for IT professionals aiming to master the complexities of enterprise-level business process automation. This advanced program delves beyond foundational concepts, equipping participants with the expertise to architect, develop, and optimize sophisticated, end-to-end business solutions using IBM's powerful BPM platform. You will gain profound insights into advanced process modeling, robust system integration, and intelligent decision automation, preparing you to tackle the most challenging digital transformation initiatives.

Participants will emerge with the ability to design highly efficient, resilient, and scalable process applications that drive significant operational improvements. The curriculum focuses on leveraging core IBM BPM Advanced technologies to streamline workflows, enhance human-system collaboration, and integrate seamlessly with diverse enterprise systems. By completing this course, you will not only elevate your technical proficiency but also position yourself as a key player in organizations striving for enhanced agility, reduced operational costs, and a distinct competitive advantage through intelligent process automation.

Level	Intermediate
Vendor	IBM

COURSE CURRICULUM

01 Module 1: Deep Dive into Advanced Process Modeling

- Event-Driven Processes and Complex Event Handling
- Designing for Exception Management and Compensation
- Advanced Data Structures and Business Object Modeling
- Service Flow Composition and Looping Constructs
- Best Practices for Reusable Sub-Processes and Linked Processes

02 Module 2: Enterprise Integration and Service Orchestration

- Consuming and Exposing Advanced Web Services (SOAP)
- Integrating with REST APIs and External Systems
- Asynchronous Communication Patterns (JMS Messaging)
- Advanced Data Transformation and Mapping Techniques
- Implementing Robust Error Handling and Retries in Integrations

03 Module 3: Human-Centric Processes and Advanced UI Development

- Designing Complex Client-Side Human Services and Coach Views
- Custom UI Framework Integration (e.g., leveraging JavaScript frameworks)
- Dynamic Task Assignment and Workload Management Strategies
- Implementing External Activities and Embedded User Interfaces
- Managing Security Contexts for Human Tasks

04 Module 4: Business Rules and Decision Management Integration

- Implementing Business Rules within IBM BPM Solutions
- Seamless Integration with IBM Operational Decision Manager (ODM)
- Designing and Executing Decision Services
- Strategies for Dynamic Business Rule Management and Versioning
- Utilizing Decision Tables and Rule Flows for Complex Logic

05 Module 5: Performance Monitoring, Analytics, and Optimization

- Configuring Business Activity Monitoring (BAM) and KPIs
- Developing Custom Process Performance Dashboards and Reports
- Analyzing Process Performance Data for Bottlenecks
- Techniques for Process Improvement and Optimization Cycles
- Auditing, Logging, and Troubleshooting Advanced BPM Applications

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior Business Process Architect (IBM Automation)**
- > **IBM Business Automation Workflow Solution Developer (Lead)**
- > **Enterprise Process Optimization and Performance Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What prior experience with IBM BPM or business process management is recommended before enrolling in this advanced course?

This course assumes participants have a foundational understanding of IBM Business Process Manager (or IBM Business Automation Workflow) concepts, including basic process modeling, service integration, and human task creation. Prior hands-on experience with the IBM BPM development environment and general knowledge of enterprise application integration principles will be highly beneficial for maximizing the learning experience and effectively grasping the advanced topics covered.

Q: How does this advanced course prepare me to integrate IBM BPM with other mission-critical enterprise systems, such as CRMs or ERPs?

The 'Enterprise Integration and Service Orchestration' module specifically delves into advanced techniques for connecting IBM BPM with various external applications. You'll gain practical, in-depth skills in consuming and exposing Web Services, interacting with REST APIs, handling asynchronous messaging (JMS), and implementing robust error handling strategies. This prepares you to build resilient and seamless data exchange and process automation across your entire enterprise landscape, linking BPM with systems like SAP, Salesforce, or custom applications.

Q: What are the key differences in process design and development approaches taught in this advanced course compared to standard IBM BPM training?

This advanced course moves significantly beyond standard process flows, focusing on designing highly resilient, scalable, and adaptable solutions for complex business scenarios. You will learn sophisticated architectural techniques such as event-driven processes, advanced exception management, dynamic rule-based decisioning, and optimizing performance for high-volume transactions. The emphasis is on architecting and implementing end-to-end solutions that address real-world enterprise challenges, ensuring business agility and long-term maintainability.

ABOUT COMPUTER PRIDE



computerpride

East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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