



IBM TRAINING

Developing Workflow Solutions Business Automation Ibm

Develop powerful IBM workflow solutions for business automation. Streamline operations and enhance efficiency.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level course, "Developing Workflow Solutions Business Automation IBM," is meticulously designed to equip IT professionals with the essential skills required to design, develop, and deploy robust workflow solutions using the powerful IBM Business Automation Workflow platform. Participants will gain a deep understanding of core concepts such as process modeling, human task management, and system integration within the IBM ecosystem. The curriculum emphasizes practical application, enabling you to transform complex, often manual, business processes into efficient, automated workflows that drive operational excellence and support critical digital transformation initiatives.

By mastering IBM Business Automation Workflow, you will learn to leverage its powerful capabilities to streamline operations, enhance decision-making, and significantly improve overall organizational agility. This comprehensive training covers key aspects including BPMN 2.0 process modeling, creating intuitive user interfaces (Coaches), integrating with external systems, and effectively managing the lifecycle of automated processes. Graduates will be well-prepared to contribute significantly to projects aimed at optimizing business operations, reducing manual effort, and fostering a more responsive and intelligent enterprise environment.

Level	Intermediate
Vendor	IBM

COURSE CURRICULUM

01 Module 1: Introduction to IBM Business Automation Workflow

- Understanding IBM Business Automation Workflow architecture and components
- Key concepts: Process Designer, Process Center, Process Server
- Introduction to Business Process Management (BPM) principles
- Overview of workflow solutions and their strategic business value
- Navigating the IBM Business Automation Workflow environment

02 Module 2: Process Modeling and Design with BPMN 2.0

- Modeling business processes using BPMN 2.0 notation and best practices
- Creating process applications and reusable toolkits
- Defining process variables and complex data types
- Implementing gateways (exclusive, parallel, inclusive), events, and sub-processes
- Understanding process flow and token management

03 Module 3: Building User Interfaces and Human Services (Coaches)

- Designing responsive and user-friendly interfaces (Coaches) for human tasks
- Developing human services for user interaction and data capture
- Data mapping and validation techniques within Coaches
- Integrating Coaches with process flows for seamless user experience
- Customizing Coach views and controls

04 Module 4: System Integration and Service Implementation

- Invoking external services (REST, SOAP web services) within processes
- Creating integration services and adapters for system tasks
- Handling data exchange and transformation with external systems
- Implementing error handling and exception management in integrations
- Connecting to databases and other enterprise applications

05 Module 5: Advanced Workflow Management and Administration

- Managing process instances and human tasks lifecycle
- Versioning and deploying process applications using snapshots
- Performance monitoring, optimization, and reporting tools
- Implementing security and access control for processes and data
- Troubleshooting common issues and logging analysis

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **IBM Business Automation Workflow Developer**
- > **Business Process Management (BPM) Consultant**
- > **Enterprise Solutions Architect (specializing in automation)**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in the 'Developing Workflow Solutions Business Automation IBM' course?

Ideal participants for this intermediate course should possess a foundational understanding of business process concepts, basic programming logic (e.g., JavaScript concepts), and familiarity with web services (REST/SOAP) and XML/JSON data formats. Prior exposure to IBM products or relational databases is beneficial but not strictly required, as the course will cover platform-specific tools and methodologies comprehensively.

Q: How does this course prepare me to implement complex business rules and decision logic within an IBM Business Automation Workflow solution?

This course focuses on leveraging IBM Business Automation Workflow's capabilities for implementing and integrating business logic. You will learn how to design processes that incorporate decision services, define complex routing conditions using gateways, and manage process variables effectively to reflect dynamic business rules. While the course primarily covers workflow development, it will illustrate how to design processes that can interact with external rule engines or embedded logic for sophisticated decision-making, ensuring your automated solutions are adaptable and intelligent.

Q: What specific skills will I gain to contribute to an organization's digital transformation initiatives after completing this IBM Business Automation Workflow course?

Upon completion of this course, you will be proficient in analyzing, modeling, and automating critical business processes, which is a cornerstone skill for successful digital transformation. You will gain the ability to design efficient, user-centric workflows, integrate disparate systems to create seamless operational flows, and identify strategic opportunities for process improvement and optimization. These skills are crucial for modernizing legacy systems, enhancing customer and employee experiences, and driving operational efficiency within any organization undertaking a digital transformation journey.

ABOUT COMPUTER PRIDE



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+

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READY TO ENROL?

Take the next step in your technology career.

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