

SAP CPI / SAP Integration Suite Training

WC Skills | wskills.in — Complete Course Content

Course purpose: Practical, job-oriented learning from fundamentals through implementation, testing, troubleshooting and project work.

Course fee: Contact WC Skills for the current batch fee and available offers. **Contact:** info@wskills.in | +91 99999 99999

Complete Module-wise Syllabus

Module 1: Integration Suite architecture

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 2: Cloud Integration and iFlow design

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 3: Content Modifier, Router, Splitter, Gather and General Splitter

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 4: XML, JSON and CSV processing

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 5: Message Mapping and Value Mapping

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 6: Groovy scripting

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 7: HTTP and REST adapters

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 8: SOAP adapter

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 9: OData adapter

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 10: SFTP adapter and secure file transfer

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 11: IDoc and RFC integration

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 12: Security Material, certificates and credentials

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 13: Exception subprocess, retries and monitoring

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 14: API Management and Trading Partner Management

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 15: Integration Advisor: MIG and MAG

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Module 16: Transport, deployment, real-world projects and interview Q&A;

Concepts and terminology; architecture or business process; configuration/development steps; important objects and dependencies; integration points; testing; monitoring; common errors and troubleshooting; real-world use cases; interview discussion points.

Hands-on: Build a small practical example, test the happy path and an error case, document the result, and explain the design.

Capstone Project

Complete one end-to-end project relevant to the course. Prepare requirements, process flow/architecture, implementation or configuration notes, test cases, sample output, troubleshooting record and project walkthrough.

Interview Preparation

Prepare fundamentals, scenario-based questions, troubleshooting, performance/security considerations, project explanation and version-specific differences.

Note

This is an independent WC Skills training syllabus, not an official SAP certification document. Product features and certification objectives can change by release.