

# SAP ATC (ABAP Test Cockpit) Recruitment Training

*COURSE CONTENT*

## GET IN TOUCH



Multisoft Systems  
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

## About Multisoft

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## About Course

SAP ATC (ABAP Test Cockpit) Recruitment Training by Multisoft Systems is designed to equip professionals with essential skills to ensure high-quality ABAP development and compliance with SAP coding standards. This training focuses on automated code inspection, performance optimization, and security checks using SAP ABAP Test Cockpit, a powerful tool widely used across SAP environments.

## Module 1: Introduction to SAP ATC & ABAP Quality Management

- ✓ Overview of SAP ABAP development lifecycle
- ✓ Introduction to ABAP Test Cockpit (ATC)
- ✓ Importance of code quality & compliance
- ✓ Role of ATC in S/4HANA transformation
- ✓ Difference: ATC vs SCI (Code Inspector)
- ✓ Clean Core concept in SAP

## Module 2: ATC Architecture & Components

- ✓ ATC system landscape (Central vs Satellite system)
- ✓ ATC integration with ABAP Workbench
- ✓ Key components:
  - Check Variants
  - Check Runs
  - Result Browser
- ✓ ATC roles:
  - Administrator
  - QA Lead
  - Developer

## Module 3: ATC Setup & Configuration (Admin Level)

- ✓ Initial ATC setup and activation
- ✓ Creating Check Variants
- ✓ Configuring global check settings

- ✓ Transport layer integration
- ✓ Setting up approval workflows
- ✓ Managing exemptions and exceptions

## Module 4: Running ATC Checks & Monitoring

- ✓ Creating and executing ATC check runs
- ✓ Scheduling background jobs (daily/weekly runs)
- ✓ Monitoring ATC results centrally
- ✓ Understanding result severity:
  - Errors
  - Warnings
  - Information messages
- ✓ Filtering and analysing results

## Module 5: Code Quality & Optimization Using ATC

- ✓ Identifying performance issues
- ✓ Security vulnerability checks
- ✓ Syntax & runtime error detection
- ✓ Code optimization techniques
- ✓ HANA readiness checks

## Module 6: ATC in SAP S/4HANA Conversion

- ✓ Role of ATC in system conversion
- ✓ Custom code adaptation for HANA
- ✓ Simplification database checks
- ✓ SPAU/SPDD handling with ATC
- ✓ Migration readiness analysis

## Module 7: Developer Perspective (Hands-on)

- ✓ Running ATC during development
- ✓ Fixing ATC errors step-by-step
- ✓ Handling transport release restrictions
- ✓ Working with exemptions
- ✓ Best practices for clean coding

## Module 8: Advanced ATC Features

- ✓ Remote ATC (Central Check System)
- ✓ Custom check creation
- ✓ Integration with CI/CD pipelines
- ✓ ATC with Eclipse (ADT tools)
- ✓ Automation of quality checks

## Module 9: Real-Time Project & Use Cases

- ✓ End-to-end ATC implementation project
- ✓ S/4HANA conversion scenario
- ✓ Code remediation project
- ✓ Performance tuning case study
- ✓ Compliance audit using ATC