



# SAP QM — Complete Course Content

WC Skills • World Class Skills Institute

|                        |                                              |
|------------------------|----------------------------------------------|
| <b>Duration</b>        | 8 Weeks                                      |
| <b>Target Audience</b> | Quality management and SAP learners          |
| <b>Prerequisites</b>   | Basic quality and manufacturing terminology. |

## What this document contains

A module-wise training roadmap covering concepts, hands-on labs, project work, assessment checkpoints and interview preparation. The syllabus is designed as a structured course plan for classroom or live-online delivery.

## Course Objectives & Learning Outcomes

By the end of this course, learners should be able to explain the core concepts, perform the practical tasks listed in the labs, troubleshoot common scenarios, document their work and complete the capstone with a professional implementation approach.

- Understand the architecture, terminology and end-to-end workflow of the subject.
- Perform guided hands-on exercises using the relevant tools and development/administration environment.
- Apply troubleshooting, testing, documentation and best-practice techniques.
- Build a portfolio-ready capstone demonstrating practical competency.
- Prepare for technical interviews with scenario-based questions and implementation discussions.

## Detailed Module-wise Curriculum

### Module 1: QM Foundations & Master Data

- Inspection types
- Material master QM views
- Sampling procedures
- Catalogs and codes
- Quality info records

**Hands-on Lab:** Lab: design master data for incoming inspection.

### Module 2: Procurement Inspection

- Goods receipt inspection
- Inspection lots
- Usage decisions
- Stock posting
- Vendor quality process

**Hands-on Lab:** Lab: execute an incoming inspection scenario.

### Module 3: In-Process & Production Inspection

- Inspection during production
- Results recording
- Defects recording
- Usage decisions
- Production integration

**Hands-on Lab:** Lab: record and close a production inspection lot.

### Module 4: Sales & Customer Quality

- Delivery inspection
- Returns and complaints
- Customer-specific quality
- Quality notifications
- Corrective action concepts

**Hands-on Lab:** Lab: process a customer complaint.

## Module 5: Planning & Certificates

- Inspection plans
- MICs
- Sampling
- Quality certificates
- Batch traceability

**Hands-on Lab:** Lab: create an inspection plan and certificate workflow.

## Module 6: Quality Notifications & Analytics

- Notification types
- Tasks and activities
- Cause analysis
- Actions
- Quality KPIs

**Hands-on Lab:** Lab: build a corrective-action record.

## Module 7: Integration

- MM, PP and SD integration
- Batch management
- Warehouse awareness
- FI impact overview
- Fiori reporting

**Hands-on Lab:** Lab: trace a QM event across logistics.

## Module 8: Support & Capstone

- Common QM issues
- Testing
- Documentation
- User training
- Capstone end-to-end quality process

**Hands-on Lab:** Lab: present a complete inspection and complaint process.

## Practical Delivery Plan

| Phase | Focus                   | Expected Evidence                                  |
|-------|-------------------------|----------------------------------------------------|
| 1     | Concept + demonstration | Notes, diagrams and guided exercises               |
| 2     | Hands-on practice       | Working configuration/code and screenshots/logs    |
| 3     | Troubleshooting         | Issue reproduction, diagnosis and resolution notes |
| 4     | Mini project            | Functional solution with test cases                |
| 5     | Capstone                | End-to-end project, documentation and presentation |

## Assessment & Certification Readiness

Recommended assessment pattern: module quizzes (20%), practical labs (30%), mini project (20%), capstone (20%) and interview/viva (10%). Completion certificates, placement support and any certification claims should follow the institute's current published policy and the relevant vendor's certification rules.

## Capstone Requirements

- Problem statement and scope
- Architecture/process diagram
- Implementation or configuration
- Test cases and results
- Troubleshooting notes
- User/technical documentation
- Final presentation and interview questions

## Interview Preparation Topics

Learners should be able to answer architecture questions, explain the difference between key concepts, troubleshoot a real scenario, justify design choices, discuss performance/security considerations and walk through the capstone from requirement to deployment/support.

## Recommended Learning Resources

Use official product documentation and current vendor guidance for version-specific commands, configuration steps and certification requirements. Validate training examples in a non-production environment before applying them to customer systems.