



SAP EWM — Complete Course Content

WC Skills • World Class Skills Institute

Duration	10 Weeks
Target Audience	Warehouse and supply-chain professionals
Prerequisites	Basic SAP logistics knowledge.

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: EWM Architecture & Master Data

- Embedded vs decentralized concepts
- Warehouse number and storage types
- Bins, activity areas and work centers
- Product and packaging master data
- Warehouse process types

Hands-on Lab: Lab: design a warehouse structure.

Module 2: Inbound Processes

- Inbound delivery
- Goods receipt
- Putaway strategies
- Warehouse tasks and orders
- Exception handling

Hands-on Lab: Lab: execute an inbound delivery to final bin.

Module 3: Outbound Processes

- Outbound delivery
- Wave management
- Picking strategies
- Packing and staging
- Goods issue

Hands-on Lab: Lab: execute a complete outbound process.

Module 4: Internal Warehouse Processes

- Replenishment
- Ad hoc movements
- Physical inventory
- Posting changes
- Warehouse order creation

Hands-on Lab: Lab: replenish a picking bin and document stock movement.

Module 5: RF & Mobile Execution

- RF framework concepts
- Queues and resource management
- RF transactions
- User/menu concepts
- Operational monitoring

Hands-on Lab: Lab: design an RF-enabled picking flow.

Module 6: Advanced Processes

- Cross-docking
- Value-added services
- Kitting
- Labor management awareness
- Slotting concepts

Hands-on Lab: Lab: choose an appropriate advanced warehouse strategy.

Module 7: Integration & Monitoring

- ERP integration
- PP/QM integration awareness
- qRFC/queues concepts
- Warehouse monitor
- Error queues and reprocessing

Hands-on Lab: Lab: diagnose an integration queue issue.

Module 8: Support & Capstone

- Operational KPIs
- Testing and cutover
- Troubleshooting
- Documentation
- Capstone warehouse process

Hands-on Lab: Lab: present inbound-to-outbound warehouse execution.

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.