

C_S4EWM: SAP S/4HANA Extended Warehouse Management (EWM)

Design and run warehouse processes with embedded Extended Warehouse Management in SAP S/4HANA.

DURATION

5 days · 40 hours

LEVEL

Advanced

CURRICULUM

17 modules · 13 labs

DELIVERY

Live online, Onsite,
Corporate

Course overview

Extended Warehouse Management is SAP's strategic warehouse solution, and with embedded EWM now part of SAP S/4HANA, companies replacing legacy warehouse management need people who can design and run it. This advanced five-day course is built for logistics professionals and consultants who want that depth.

Day one sets the scene: embedded versus decentralised EWM, the integration with SAP S/4HANA logistics, and the warehouse structure — warehouse numbers, storage types, sections, bins, activity areas and work centres. You will build part of a warehouse yourself.

Days two and three cover goods movement processes. Inbound processing takes you from inbound delivery to putaway, with packing, deconsolidation and putaway strategies. Outbound processing covers outbound deliveries, picking strategies, warehouse order creation rules, packing, staging and loading. Internal processes include replenishment, ad hoc movements and posting changes.

Day four focuses on control and execution: process-oriented storage control, wave management, the radio frequency framework and the warehouse monitor. Day five covers physical inventory procedures, slotting basics, labour and yard overviews, and an exam readiness session.

This course is aligned to the SAP Certified Associate exam for extended warehouse management (base code C_S4EWM). Ace Skills is not an SAP partner and does not use official SAP courseware. SAP release-suffixes its exam codes and updates them regularly, so please confirm the current code on SAP Learning before booking.

Highlights

- 40 hours of live, trainer-led sessions
- Hands-on labs in an SAP S/4HANA system with embedded EWM
- Warehouse structure, storage types, bins and activity areas
- Putaway and picking strategies, waves and RF
- Physical inventory, slotting basics and monitoring
- Practice questions aligned to C_S4EWM topic areas

What's included

- Access to an SAP S/4HANA system with embedded EWM
- Warehouse structure build-out lab
- End-to-end inbound and outbound scenarios
- Putaway and picking strategy configuration
- Wave management and RF transaction practice
- Physical inventory and warehouse monitor exercises
- Practice questions with trainer review
- Course completion certificate from Ace Skills Consulting

Who this course is for

Who should attend

- SAP WM consultants moving to EWM
- SAP MM, SD or logistics consultants
- Warehouse managers and logistics key users
- Supply chain solution architects
- Implementation team members on S/4HANA logistics projects

Prerequisites

- Working knowledge of warehouse or logistics operations
- Basic familiarity with SAP MM or SD processes
- Prior SAP navigation experience

Detailed curriculum — 5 days, 40 hours, 17 modules, 13 hands-on labs

Day 1 EWM Overview and Warehouse Structure

8 hours

1.1 Introduction to EWM

- Embedded versus decentralised EWM
- Licensing scope: basic and advanced EWM overview
- EWM in the SAP S/4HANA logistics landscape
- Navigation in SAP Fiori and SAP GUI

LAB Navigate the EWM easy access menu and Fiori apps · 30 min

1.2 Organisational and master data

- Warehouse number and assignment to plant and storage location
- Business partners
- Packaging specifications overview
- Supply chain units
- Product master warehouse data

LAB Review warehouse product data and business partners · 35 min

1.3 Warehouse structure

- Storage types and roles
- Bin types and fixed bins
- Work centres and staging areas
- Storage sections and bins
- Activity areas

LAB Create storage bins and an activity area · 55 min

Day 2 Inbound Processing

8 hours

2.1 Inbound delivery integration

- Purchase orders and inbound deliveries
- Goods receipt posting
- Expected goods receipt
- Handling units

LAB Receive a purchase order delivery into EWM · 40 min

2.2 Warehouse tasks and orders

- Warehouse process types
- Warehouse order creation rules
- Warehouse tasks: product and handling unit
- Confirmation and exceptions

LAB Create and confirm putaway warehouse tasks · 40 min

2.3 Putaway strategies

- Storage type search sequences
- Storage bin determination
- Deconsolidation basics
- Putaway rules: fixed bin, empty bin, addition to stock
- Capacity checks

LAB Configure a storage type search sequence and test putaway · 55 min

Day 3 Outbound and Internal Processes

8 hours

3.1 Outbound delivery integration

- Sales orders and outbound deliveries
- Route determination overview
- Outbound delivery requests and orders
- Goods issue posting

LAB Process a sales order delivery to goods issue · 45 min

3.2 Picking strategies

- Stock removal rules: FIFO, LIFO, partial quantities first
- Pick, pack and pass overview
- Stock removal search sequences
- Packing and staging

LAB Apply a stock removal strategy and pack a handling unit · 50 min

3.3 Internal processes

- Replenishment strategies
- Posting changes and stock types
- Ad hoc movements
- Rearrangement overview

LAB Trigger replenishment for a fixed bin · 35 min

Day 4 Storage Control, Waves and RF

8 hours

4.1 Storage control

- Process-oriented storage control
- Warehouse process steps
- Layout-oriented storage control
- Storage control in inbound and outbound

LAB Add a quality check step with process-oriented storage control · 50 min

4.2 Wave management

- Wave templates and conditions
- Wave release
- Automatic and manual wave assignment
- Wave monitoring

LAB Create and release a wave · 40 min

4.3 Radio frequency framework

- RF menus and presentation profiles
- RF picking and putaway
- Logical transactions
- Exception codes

LAB Execute RF picking with exception handling · 40 min

4.4 Warehouse monitor

- Monitor nodes and layouts
- Warehouse KPIs overview
- Alerts and methods

Day 5 Physical Inventory, Slotting and Exam Readiness

8 hours

5.1 Physical inventory

- Physical inventory procedures
- Counting and recounting
- Ad hoc, periodic and cycle counting
- Difference analyser and posting

LAB Run a cycle count and post differences · 45 min

5.2 Slotting basics

- Slotting concepts and goals
- Storage parameter determination
- Product demand data
- Rearrangement after slotting

5.3 Further EWM capabilities

- Labour management overview
- Cross-docking overview
- Yard management overview
- Value-added services overview

5.4 Exam readiness

- Topic area review
 - Practice questions with review
- Question styles

Skills and tools

Skills you will build

SAP EWM

Embedded EWM

Warehouse structure

Storage types & bins

Inbound processing

Outbound processing

Warehouse tasks

Warehouse orders

Putaway strategies

Picking strategies

Storage control

Wave management

RF framework

Physical inventory

Slotting

Tools used in class

SAP S/4HANA (training system) with embedded EWM

SAP Fiori launchpad

SAP GUI

EWM warehouse monitor

RF environment

Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam	SAP Certified Associate – SAP Extended Warehouse Management in SAP S/4HANA
Exam code	C_S4EWM
Official page	https://learning.sap.com/certifications

Exam skill areas covered

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

Which exam code should I book?

SAP adds a release suffix to C_S4EWM and changes it over time. Confirm the current code on SAP Learning before booking.

Is this an official SAP course?

No. It is an independent Ace Skills course aligned to the C_S4EWM exam topic areas.

Does the course cover decentralised EWM?

The labs use embedded EWM in SAP S/4HANA; decentralised deployment is explained conceptually so you understand the differences.

Why is this course marked advanced?

It assumes you already know basic warehouse operations and SAP logistics navigation, so we can spend the week on EWM processes and configuration.

Will I get system access?

Yes. You get access to an SAP S/4HANA training system with embedded EWM for the duration of the course.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/c-s4ewm-sap-s4hana-extended-warehouse-management · Email: info@aceskillsconsulting.com

Chennai office

Guindy, Chennai, Tamil Nadu

Delhi office

B-95, Old Post Office Street, Shakarpur

New Delhi 110092

Office: 98180 12523

SAP, SAP S/4HANA, SAP BTP, SAP Fiori, SAP SuccessFactors, SAP Ariba, SAP Analytics Cloud, SAP BW/4HANA and ABAP are trademarks or registered trademarks of SAP SE or its affiliates. All product names, logos, brands, trademarks and registered trademarks are the property of their respective owners. Ace Skills Consulting is an independent training provider; unless explicitly stated, it is not affiliated with, endorsed by or sponsored by any vendor mentioned on this site. Exam details are provided for guidance and may change — always confirm on the vendor's official website. Curriculum generated on 23 Oct 2026; topics and order may be adjusted by the trainer to suit each batch.