

S4510

Inventory Management and Physical Inventory in SAP S/4HANA

COURSE OUTLINE

Course Version: 14
Course Duration:

SAP Copyrights, Trademarks and Disclaimers

© 2021 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see <http://global12.sap.com/corporate-en/legal/copyright/index.epx> for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials may have been machine translated and may contain grammatical errors or inaccuracies.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

Contents

vii **Course Overview**

1 Unit 1: Introduction to Inventory Management

- 1 Lesson: Defining Inventory Management and Physical Inventory
- 1 Lesson: Moving Goods with the MIGO Transaction

3 Unit 2: Goods Receipts (GRs)

- 3 Lesson: Posting a Goods Receipt Without Reference
- 3 Lesson: Posting a Goods Receipt with Reference
- 3 Lesson: Posting a GR with Automatic Generation of a PO
- 3 Lesson: Posting Cancellations, Return Deliveries, and Returns
- 3 Lesson: Applying Order Price Unit in Inventory Management
- 4 Lesson: Applying Tolerances and the Delivery Completed Indicator
- 4 Lesson: Setting Up Date Checks to Goods Receipt for Purchase Order

5 Unit 3: Stock Transfers and Transfer Postings

- 5 Lesson: Performing Transfer Postings
- 5 Lesson: Performing Stock Transfers Between Storage Locations
- 5 Lesson: Performing Stock Transfers Between Plants

7 Unit 4: Reservations

- 7 Lesson: Creating Manual Reservations
- 7 Lesson: Evaluating Reservations
- 7 Lesson: Checking Availability and Missing Parts

9 Unit 5: Goods Issues (GIs)

- 9 Lesson: Posting Unplanned GIs
- 9 Lesson: Posting a GI with Reference
- 9 Lesson: Configuring Stock Determination
- 9 Lesson: Allowing Negative Stock

11 Unit 6: Special Procurement Processes

- 11 Lesson: Performing the Process of Subcontracting
- 11 Lesson: Performing Vendor Consignment
- 11 Lesson: Operating Pipeline Processes

13	Unit 7:	Special Features of Material Valuation
13		Lesson: Posting Goods Movements for Material Types UNBW and NLAG
13		Lesson: Configuring Split Valuation
15	Unit 8:	Physical Inventory
15		Lesson: Conducting Physical Inventory
15		Lesson: Simplifying Physical Inventory
15		Lesson: Applying Cycle Counting - Optional
15		Lesson: Applying Inventory Sampling - Optional
17	Unit 9:	Analyses
17		Lesson: Applying Stock Lists and Document Lists
17		Lesson: Applying Periodic Processing
17		Lesson: Using Analytical Apps for Inventory Management
19	Unit 10:	Further Customizing Settings
19		Lesson: Implementing Settings for Documents
19		Lesson: Setting Up Movement Types
19		Lesson: Applying Other Customizing Settings

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Project Stakeholder
- Super / Key / Power User

Lesson 1: Defining Inventory Management and Physical Inventory

Lesson Objectives

After completing this lesson, you will be able to:

- Sketch the basics of inventory management and physical inventory

Lesson 2: Moving Goods with the MIGO Transaction

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the central transaction for goods movements
- Hold data for goods movements
- Explain the SAP Fiori app Post Goods Movement
- Display print outputs for goods movements
- Use transaction MIGO in SAP GUI and SAP Fiori launchpad
- Distinguish between different units of entry for goods movements

Lesson 1: Posting a Goods Receipt Without Reference

Lesson Objectives

After completing this lesson, you will be able to:

- Post a goods receipt without reference

Lesson 2: Posting a Goods Receipt with Reference

Lesson Objectives

After completing this lesson, you will be able to:

- Post a goods receipt with reference to a purchase order or a production order in different stock types
- Post a goods receipt in GR blocked stock
- Use different functions to post a goods receipt with reference

Lesson 3: Posting a GR with Automatic Generation of a PO

Lesson Objectives

After completing this lesson, you will be able to:

- Enter a GR without reference to a PO, so that a PO is generated automatically

Lesson 4: Posting Cancellations, Return Deliveries, and Returns

Lesson Objectives

After completing this lesson, you will be able to:

- Post a cancellation of a material document
- Post a return delivery to a vendor
- Enter a return for a PO

Lesson 5: Applying Order Price Unit in Inventory Management

Lesson Objectives

After completing this lesson, you will be able to:

- Use an order price unit in a GR with reference to a PO

Lesson 6: Applying Tolerances and the Delivery Completed Indicator

Lesson Objectives

After completing this lesson, you will be able to:

- Use tolerances for underdelivery and overdelivery
- Use the delivery completed indicator

Lesson 7: Setting Up Date Checks to Goods Receipt for Purchase Order

Lesson Objectives

After completing this lesson, you will be able to:

- Use the shelf life expiration date check
- Customize system messages for a delivery that is too early or too late

Lesson 1: Performing Transfer Postings

Lesson Objectives

After completing this lesson, you will be able to:

- Perform transfer postings

Lesson 2: Performing Stock Transfers Between Storage Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Post physical stock transfer postings "Storage location to Storage location"

Lesson 3: Performing Stock Transfers Between Plants

Lesson Objectives

After completing this lesson, you will be able to:

- Post plant-to-plant stock transfer postings

Lesson 1: Creating Manual Reservations

Lesson Objectives

After completing this lesson, you will be able to:

- Create a reservation manually
- Use reservations as a reference for a goods movement

Lesson 2: Evaluating Reservations

Lesson Objectives

After completing this lesson, you will be able to:

- Execute the evaluations from the reservation menu

Lesson 3: Checking Availability and Missing Parts

Lesson Objectives

After completing this lesson, you will be able to:

- Set up and perform the availability and missing parts check

Lesson 1: Posting Unplanned GIs

Lesson Objectives

After completing this lesson, you will be able to:

- Post unplanned GIs

Lesson 2: Posting a GI with Reference

Lesson Objectives

After completing this lesson, you will be able to:

- Post GIs with references

Lesson 3: Configuring Stock Determination

Lesson Objectives

After completing this lesson, you will be able to:

- Configure and test stock determination in inventory management

Lesson 4: Allowing Negative Stock

Lesson Objectives

After completing this lesson, you will be able to:

- Allow negative stock in inventory management

Lesson 1: Performing the Process of Subcontracting

Lesson Objectives

After completing this lesson, you will be able to:

- Provide components to a subcontractor
- Post a GR to a subcontract PO and further goods movements for subcontracting stock

Lesson 2: Performing Vendor Consignment

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a process for vendor consignment

Lesson 3: Operating Pipeline Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Post goods movements for pipeline stock

Lesson 1: Posting Goods Movements for Material Types UNBW and NLAG

Lesson Objectives

After completing this lesson, you will be able to:

- Create a PO and enter goods movements for nonvaluated material

Lesson 2: Configuring Split Valuation

Lesson Objectives

After completing this lesson, you will be able to:

- Post goods movements for split-valuated material and check the results of these postings

Lesson 1: Conducting Physical Inventory

Lesson Objectives

After completing this lesson, you will be able to:

- Create physical inventory documents, enter count results, and post differences

Lesson 2: Simplifying Physical Inventory

Lesson Objectives

After completing this lesson, you will be able to:

- Create an inventory document with a batch input session

Lesson 3: Applying Cycle Counting - Optional

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare a CC physical inventory

Lesson 4: Applying Inventory Sampling - Optional

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare and conduct a sample-based physical inventory

Lesson 1: Applying Stock Lists and Document Lists

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze goods movements and the stock situation

Lesson 2: Applying Periodic Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Execute a report from periodic processing

Lesson 3: Using Analytical Apps for Inventory Management

Lesson Objectives

After completing this lesson, you will be able to:

- Use the overview pages for inventory management

Lesson 1: Implementing Settings for Documents

Lesson Objectives

After completing this lesson, you will be able to:

- Set up Customizing for documents in inventory management

Lesson 2: Setting Up Movement Types

Lesson Objectives

After completing this lesson, you will be able to:

- Define a new movement type in inventory management

Lesson 3: Applying Other Customizing Settings

Lesson Objectives

After completing this lesson, you will be able to:

- Customize plant parameters and transaction MIGO