S4510

Inventory Management and Physical Inventory in SAP S/4HANA

COURSE OUTLINE

Course Version: 23
Course Duration:

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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	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

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

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UNIT 1 Introduction to Inventory Management

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 Post Goods Movement App

Lesson Objectives

After completing this lesson, you will be able to:

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

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UNIT 2 Goods Receipts (GRs)

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 supplier
- Enter a return for a purchase order

Lesson 5: Applying Order Price Unit in Inventory Management

Lesson Objectives
After completing this lesson, you will be able to:

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- 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 the 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

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UNIT 3

Stock Transfers and Transfer Postings

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 a plant-to-plant stock transfer

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UNIT 4 Reservations

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 various evaluations for reservations

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

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UNIT 5 Goods Issues (GIs)

Lesson 1: Posting Unplanned Goods Issues

Lesson Objectives

After completing this lesson, you will be able to:

- Post unplanned GIs

Lesson 2: Posting a Goods Issue 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

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UNIT 6 Special Procurement Processes

Lesson 1: Performing the Process of Vendor Consignment

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a process for vendor consignment

Lesson 2: 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 3: Operating Pipeline Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Post goods movements for pipeline stock

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UNIT 7 Special Features of Material Valuation

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 for nonvaluated material 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

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UNIT 8 Physical Inventory

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:

- Use the apps for creating inventory documents and entering count results

Lesson 3: Using Situation Handling in Physical Inventory

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce Situation Handling
- Understand the key concepts and features in Situation Handling

Lesson 4: Applying Cycle Counting - Optional

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare a CC physical inventory

Lesson 5: Applying Inventory Sampling - Optional

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare and conduct a sample-based physical inventory

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UNIT 9 Analyses

Lesson 1: Using Analytical Apps for Inventory Management

Lesson Objectives

After completing this lesson, you will be able to:

- Use overview pages and analytical apps for inventory management

Lesson 2: Using Classic Stock Lists and Document Lists

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze goods movements and the stock situation

Lesson 3: Applying Periodic Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Execute a report from the Periodic Processing menu

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UNIT 10 Further Customizing Settings

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`

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