EWM100

Processes in SAP Extended Warehouse Management

COURSE OUTLINE

Course Version: 26
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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Contents

vii	Course Overview	
1	Unit 1:	**Maintaining Warehousing Structures and Master Data**
1		Lesson: Differentiating the SAP Solutions for Warehouse Management
1		Lesson: Outlining Warehouse Structures
1		Lesson: Maintaining Master Data for SAP EWM
3	Unit 2:	**Executing Basic Processes in SAP EWM**
3		Lesson: Processing Goods Receipt
3		Lesson: Processing Goods for Shipping
5	Unit 3:	**Managing Warehouse Monitoring and Processing with Mobile Devices**
5		Lesson: Managing the Warehouse
5		Lesson: Outlining the Radio Frequency (RF) Framework
7	Unit 4:	**Employing Additional Functions in SAP EWM**
7		Lesson: Applying Storage Control
7		Lesson: Employing Serial Numbers
7		Lesson: Processing Batches
7		Lesson: Mapping Quality Inspection Processes
7		Lesson: Applying Value-Added Services
9	Unit 5:	**Performing Warehouse Organization**
9		Lesson: Performing Slotting
9		Lesson: Applying Replenishment Methods
9		Lesson: Performing a Physical Inventory
11	Unit 6:	**Optimizing Resources**
11		Lesson: Applying Wave Management
11		Lesson: Applying Labor Management
11		Lesson: Executing the Production Supply Process
11		Lesson: Executing Expected Goods Receipts Processes
11		Lesson: Applying Cross-Docking
13	Unit 7:	**Planning and Controlling Warehouse Extensions**
13		Lesson: Planning the Shipping and Receiving of Products
13		Lesson: Controlling the Material Flow System (MFS)

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15	**Unit 8:**	**Executing Combined Inbound and Outbound Processes**
15		Lesson: Executing an End-to-End Process with SAP EWM

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Business Analyst
- System Architect

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UNIT 1 Maintaining Warehousing Structures and Master Data

Lesson 1: Differentiating the SAP Solutions for Warehouse Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe warehouse management systems
- Process a goods receipt in SAP ERP warehouse management
- Process a goods receipt in SAP ERP decentralized warehouse management
- Execute an inbound process in SAP EWM

Lesson 2: Outlining Warehouse Structures

Lesson Objectives

After completing this lesson, you will be able to:

- Create storage bins
- Display the graphical warehouse layout
- Display a quant

Lesson 3: Maintaining Master Data for SAP EWM

Lesson Objectives

After completing this lesson, you will be able to:

- Transfer master data from ERP to SAP EWM
- Maintain warehouse product master data
- Display a packaging specification

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UNIT 2 Executing Basic Processes in SAP EWM

Lesson 1: Processing Goods Receipt

Lesson Objectives

After completing this lesson, you will be able to:

- Execute the inbound process
- Display goods receipts in SAP ERP
- Create warehouse tasks and warehouse orders for putaway
- Execute a goods receipt process with embedded EWM

Lesson 2: Processing Goods for Shipping

Lesson Objectives

After completing this lesson, you will be able to:

- Execute the outbound process
- Create a warehouse task for picking
- Post the goods issue

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UNIT 3

Managing Warehouse Monitoring and Processing with Mobile Devices

Lesson 1: Managing the Warehouse

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Warehouse Management Monitor
- Create a tailored measurement service
- Create a calculated measurement service
- Integrate measurement services in the warehouse cockpit
- Plan warehouse excellence

Lesson 2: Outlining the Radio Frequency (RF) Framework

Lesson Objectives

After completing this lesson, you will be able to:

- Execute processes with mobile devices in the warehouse

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UNIT 4 Employing Additional Functions in SAP EWM

Lesson 1: Applying Storage Control

Lesson Objectives

After completing this lesson, you will be able to:

- Apply storage control
- Execute an inbound process with process-oriented storage control
- Execute an outbound process with process-oriented storage control
- Execute an inbound process with layout-oriented storage control

Lesson 2: Employing Serial Numbers

Lesson Objectives

After completing this lesson, you will be able to:

- Define serial numbers
- Use serialized products with SAP EWM

Lesson 3: Processing Batches

Lesson Objectives

After completing this lesson, you will be able to:

- Create batches in inbound processes
- Select batches in outbound processes

Lesson 4: Mapping Quality Inspection Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Control the goods with the Quality Inspection Engine
- Connect the quality inspection engine and SAP ERP QM

Lesson 5: Applying Value-Added Services

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Lesson Objectives

After completing this lesson, you will be able to:

- Execute value-added services
- Execute a kit-to-order process

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UNIT 5 Performing Warehouse Organization

Lesson 1: Performing Slotting

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the slotting process

Lesson 2: Applying Replenishment Methods

Lesson Objectives

After completing this lesson, you will be able to:

- Apply replenishment methods

Lesson 3: Performing a Physical Inventory

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a physical inventory

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UNIT 6 Optimizing Resources

Lesson 1: Applying Wave Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe wave management
- Apply wave management

Lesson 2: Applying Labor Management

Lesson Objectives

After completing this lesson, you will be able to:

- Apply Labor Management
- Create a processor business partner
- Set up labor times
- Process a pick with labor management
- Plan efforts in labor management

Lesson 3: Executing the Production Supply Process

Lesson Objectives

After completing this lesson, you will be able to:

- Create production supply master data
- Perform the production supply process

Lesson 4: Executing Expected Goods Receipts Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Execute expected goods receipts processes

Lesson 5: Applying Cross-Docking

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Lesson Objectives

After completing this lesson, you will be able to:

- Use cross-docking

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UNIT 7

Planning and Controlling Warehouse Extensions

Lesson 1: Planning the Shipping and Receiving of Products

Lesson Objectives

After completing this lesson, you will be able to:

- Describe shipping and receiving
- Use yard management
- Use the shipping cockpit and dock appointment scheduling
- Integrate transportation planning systems

Lesson 2: Controlling the Material Flow System (MFS)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Material Flow System (MFS)

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UNIT 8

Executing Combined Inbound and Outbound Processes

Lesson 1: Executing an End-to-End Process with SAP EWM

Lesson Objectives

After completing this lesson, you will be able to:

- Execute an end-to-end process

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