

SCM601

Processes in Logistics Execution

COURSE OUTLINE

Course Version: 15

Course Duration: 3 Day(s)

SAP Copyrights and Trademarks

© 2014 SAP SE. 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. The information contained herein may be changed without prior notice.

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

- Microsoft, Windows, Excel, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation.
- IBM, DB2, DB2 Universal Database, System i, System i5, System p, System p5, System x, System z, System z10, System z9, z10, z9, iSeries, pSeries, xSeries, zSeries, eServer, z/VM, z/OS, i5/OS, S/390, OS/390, OS/400, AS/400, S/390 Parallel Enterprise Server, PowerVM, Power Architecture, POWER6+, POWER6, POWER5+, POWER5, POWER, OpenPower, PowerPC, BatchPipes, BladeCenter, System Storage, GPFS, HACMP, RETAIN, DB2 Connect, RACF, Redbooks, OS/2, Parallel Sysplex, MVS/ESA, AIX, Intelligent Miner, WebSphere, Netfinity, Tivoli and Informix are trademarks or registered trademarks of IBM Corporation.
- Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.
- Adobe, the Adobe logo, Acrobat, PostScript, and Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- Oracle is a registered trademark of Oracle Corporation
- UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.
- Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.
- HTML, XML, XHTML and W3C are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.
- Java is a registered trademark of Sun Microsystems, Inc.
- JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.
- SAP, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP BusinessObjects Explorer, StreamWork, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE in Germany and other countries.
- Business Objects and the Business Objects logo, BusinessObjects, Crystal Reports, Crystal Decisions, Web Intelligence, Xcelsius, and other Business Objects products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Business Objects Software Ltd. Business Objects is an SAP company.
- Sybase and Adaptive Server, iAnywhere, Sybase 365, SQL Anywhere, and other Sybase products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Sybase, Inc. Sybase is an SAP company.

All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

These materials are subject to change without notice. These materials are provided by SAP SE and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group 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.

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

Contents

ix Course Overview

1 Unit 1: Logistics Execution in the SAP Business Suite

- | | |
|---|--|
| 1 | Lesson: Positioning Logistics Execution in SAP Solutions |
| 1 | Lesson: Positioning Logistics Execution in SAP ERP |

3 Unit 2: Structure Elements

- | | |
|---|---|
| 3 | Lesson: Positioning Organizational Units in Logistics Execution |
| 3 | Lesson: Creating Storage Bins and Displaying Quants |
| 3 | Lesson: Maintaining Material and Customer Master Records |

5 Unit 3: Goods Receipt Processes

- | | |
|---|--|
| 5 | Lesson: Posting Goods Receipts for Purchase Orders |
| 5 | Lesson: Performing Putaway with Transfer Orders |
| 5 | Lesson: Creating Inbound Deliveries for Purchase Order |
| 5 | Lesson: Posting Goods Receipts Based on Inbound Deliveries |

7 Unit 4: Goods Issue Processes

- | | |
|---|---|
| 7 | Lesson: Posting Goods Issues for Cost Centers |
| 7 | Lesson: Performing Stock Removal with Transfer Orders |
| 7 | Lesson: Creating Outbound Deliveries with Reference to Sales Orders |
| 7 | Lesson: Performing the Shipping Process |
| 7 | Lesson: Planning Transportation in SAP ERP |

9 Unit 5: Packaging Logistics

- | | |
|---|---|
| 9 | Lesson: Packing Materials |
| 9 | Lesson: Applying Handling Unit Management |

11 Unit 6: Additional Functions in Warehouse Management

- | | |
|----|--|
| 11 | Lesson: Monitoring Warehouse Stocks and Movements |
| 11 | Lesson: Processing Warehouse Management Functions Using Mobile Devices |
| 11 | Lesson: Optimizing Warehouse Processes with Cross-Docking |
| 11 | Lesson: Using Task and Resource Management |

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Project Manager

UNIT 1

Logistics Execution in the SAP Business Suite

Lesson 1: Positioning Logistics Execution in SAP Solutions

Lesson Objectives

After completing this lesson, you will be able to:

- Position logistics execution in SAP Business Suite

Lesson 2: Positioning Logistics Execution in SAP ERP

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze how logistics execution is positioned in SAP ERP

Lesson 1: Positioning Organizational Units in Logistics Execution

Lesson Objectives

After completing this lesson, you will be able to:

- Position the organizational units of logistics execution

Lesson 2: Creating Storage Bins and Displaying Quants

Lesson Objectives

After completing this lesson, you will be able to:

- Create storage bins
- Display quants

Lesson 3: Maintaining Material and Customer Master Records

Lesson Objectives

After completing this lesson, you will be able to:

- Create the warehouse management views in a material master record
- Maintain shipping-relevant data in a customer record

Lesson 1: Posting Goods Receipts for Purchase Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Post a goods receipt for a purchase order

Lesson 2: Performing Putaway with Transfer Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Perform putaway with transfer orders

Lesson 3: Creating Inbound Deliveries for Purchase Order

Lesson Objectives

After completing this lesson, you will be able to:

- Create an inbound delivery for a purchase order

Lesson 4: Posting Goods Receipts Based on Inbound Deliveries

Lesson Objectives

After completing this lesson, you will be able to:

- Post goods receipts based on inbound deliveries

Lesson 1: Posting Goods Issues for Cost Centers

Lesson Objectives

After completing this lesson, you will be able to:

- Post goods issues for cost centers

Lesson 2: Performing Stock Removal with Transfer Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Perform stock removals with transfer orders

Lesson 3: Creating Outbound Deliveries with Reference to Sales Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Create outbound deliveries with reference to sales orders

Lesson 4: Performing the Shipping Process

Lesson Objectives

After completing this lesson, you will be able to:

- Perform the shipping process

Lesson 5: Planning Transportation in SAP ERP

Lesson Objectives

After completing this lesson, you will be able to:

- Plan transportation in SAP ERP

Lesson 1: Packing Materials

Lesson Objectives

After completing this lesson, you will be able to:

- Pack materials using the packing function and the packing station

Lesson 2: Applying Handling Unit Management

Lesson Objectives

After completing this lesson, you will be able to:

- Create a handling unit without reference to an object

Lesson 1: Monitoring Warehouse Stocks and Movements

Lesson Objectives

After completing this lesson, you will be able to:

- Monitor warehouse stocks and movements

Lesson 2: Processing Warehouse Management Functions Using Mobile Devices

Lesson Objectives

After completing this lesson, you will be able to:

- Process warehouse management functions using mobile devices

Lesson 3: Optimizing Warehouse Processes with Cross-Docking

Lesson Objectives

After completing this lesson, you will be able to:

- Optimize warehouse processes with cross-docking

Lesson 4: Using Task and Resource Management

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Task and Resource Management object