

PLM220

SAP Project System--Logistics

COURSE OUTLINE

Course Version: 15

Course Duration: 5 Day(s)

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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	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Business Process Owner/Team Lead/Power User
- Program/Project Manager

Lesson 1: Creating Project Structures

Lesson Objectives

After completing this lesson, you will be able to:

- Create a project structure using project builder

Lesson 1: Scheduling Dates for Work Breakdown Structure (WBS) Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Schedule basic dates in WBS elements

Lesson 2: Performing Scheduling of Network and Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Perform scheduling of network and activities

Lesson 3: Customizing in Time Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

- Customize in time scheduling

Lesson 4: Scheduling Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Schedule activities

Lesson 5: Performing Time Scheduling using Relationships

Lesson Objectives

After completing this lesson, you will be able to:

- Perform time scheduling using relationships

Lesson 6: Scheduling Constraints and Dependencies in Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Set time constraints
- Activate reduction strategies
- Schedule the overall network

Lesson 7: Setting Actual Dates for WBS Elements and Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Enter actual dates for WBS elements
- Enter actual dates for network activities

Lesson 1: Processing Internal Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Process internal activities

Lesson 2: Analyzing Internal Activities and Capacity Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze internal activities and capacity requirements

Lesson 3: Generating Capacity Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Generate capacity requirements

Lesson 4: Executing Capacity Analyses for Projects and Work Centers

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze capacity requirements in the project information system
- Execute capacity analyses in the production information system

Lesson 5: Performing Capacity Leveling

Lesson Objectives

After completing this lesson, you will be able to:

- Distribute work to personnel resources
- Perform capacity leveling

Lesson 6: Performing Capacity Leveling with Multiresource Scheduling (MRS)

Lesson Objectives

After completing this lesson, you will be able to:

- Level capacity using MRS

Lesson 7: Processing Confirmations and Triggering a Workflow for Variances

Lesson Objectives

After completing this lesson, you will be able to:

- Process individual and collective confirmations
- Analyze variances and actual capacity requirements

Lesson 8: Confirming Network Activities using the Cross Application Time Sheet (CATS)

Lesson Objectives

After completing this lesson, you will be able to:

- Confirm network activities using the Cross Application Time Sheet (CATS)

Lesson 1: Executing Services for Externally Processed Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Plan external services
- Procure external services

Lesson 2: Configuring Workflows in the Project System

Lesson Objectives

After completing this lesson, you will be able to:

- Configure workflows in the project system

Lesson 3: Integrating Service Activities

Lesson Objectives

After completing this lesson, you will be able to:

- Plan external services
- Process service activities using service entry sheets

Lesson 1: Assigning Material Components to Activities Manually

Lesson Objectives

After completing this lesson, you will be able to:

- Assign material components and procurement types manually

Lesson 2: Assigning Material Components to Activities Automatically

Lesson Objectives

After completing this lesson, you will be able to:

- Assign a WBS Bill of Materials (BOM) to a project using the BOM transfer
- Assign material using the catalog interface

Lesson 3: Maintaining the Field Selection for Material Components

Lesson Objectives

After completing this lesson, you will be able to:

- Maintain the field selection for material components

Lesson 4: Searching for Materials using Enhanced Features and Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Search for materials using enhanced features and functions

Lesson 5: Processing Material Procurement

Lesson Objectives

After completing this lesson, you will be able to:

- Create purchase orders for material requisitions
- Execute Material Requirements Planning (MRP) for projects

Lesson 6: Creating a Third-Party Requisition for Non-Stock Items

Lesson Objectives

After completing this lesson, you will be able to:

- Create a third-party requisition for non-stock items

Lesson 7: Executing an In-House Production Process

Lesson Objectives

After completing this lesson, you will be able to:

- Execute an in-house production process

Lesson 8: Processing Preliminary Requirements in Projects

Lesson Objectives

After completing this lesson, you will be able to:

- Process preliminary requirements in projects

Lesson 9: Grouping Material Requirements

Lesson Objectives

After completing this lesson, you will be able to:

- Group material requirements

Lesson 10: Using Material Assemblies

Lesson Objectives

After completing this lesson, you will be able to:

- Process the material flow in a project using assemblies

Lesson 11: Performing a Material Availability Check

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a material availability check

Lesson 12: Generating Deliveries for the Shipping of Assemblies

Lesson Objectives

After completing this lesson, you will be able to:

- Generate deliveries for the shipping of assemblies

Lesson 1: Monitoring Deadlines using Progress Tracking

Lesson Objectives

After completing this lesson, you will be able to:

- Evaluate components using progress tracking
- Configure progress tracking for material components and date monitoring

Lesson 1: Monitoring Logistical Data and Procurement Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Consolidate information with Project-Oriented Procurement (ProMan)
- Create a purchase order in ProMan