PLM220
SAP Project System--Logistics

COURSE OUTLINE

Course Version: 15
Course Duration: 5 Day(s)
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| This information is displayed in the instructor’s presentation | ![Icon] |
| Demonstration | ![Icon] |
| Procedure | ![Icon] 1 2 3 |
| Warning or Caution | ![Icon] |
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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
UNIT 2  Functions and Types of Scheduling

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