

# S4122

## Configuration for Project Logistics Control in SAP S/4HANA

### COURSE OUTLINE

Course Version: 20  
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	<i>Example text</i>
Window title	<i>Example text</i>



# Contents

## vii Course Overview

### 1 Unit 1: Logistics Projects Overview

1	Lesson: Introducing SAP S/4HANA
1	Lesson: Understanding SAP Fiori UX
1	Lesson: Understanding SAP GUI
1	Lesson: Understanding SAP Business Client
1	Lesson: Creating Project Structures

### 3 Unit 2: Functions and Types of Scheduling

3	Lesson: Scheduling Dates for Work Breakdown Structure (WBS) Elements
3	Lesson: Performing Scheduling of Network and Activities
3	Lesson: Customizing in Time Scheduling
3	Lesson: Scheduling Activities
3	Lesson: Performing Time Scheduling using Relationships
3	Lesson: Scheduling Constraints and Dependencies in Networks
4	Lesson: Setting Actual Dates for WBS Elements and Activities
4	Lesson: Checking the project schedule

### 5 Unit 3: Project Capacities

5	Lesson: Processing Internal Activities
5	Lesson: Analyzing Internal Activities and Capacity Requirements
5	Lesson: Generating Capacity Requirements
5	Lesson: Executing Capacity Analyses for Projects and Work Centers
5	Lesson: Performing Capacity Leveling
6	Lesson: Processing Confirmations and Triggering a Workflow for Variances
6	Lesson: Confirming Network Activities using the Cross Application Time Sheet (CATS)

### 7 Unit 4: External Activities

7	Lesson: Executing Services for Externally Processed Activities
7	Lesson: Integrating Service Activities

<b>9</b>	<b>Unit 5: Project Materials</b>
9	Lesson: Assigning Material Components to Activities Manually
9	Lesson: Assigning Material Components to Activities Automatically
9	Lesson: Maintaining the Field Selection for Material Components
9	Lesson: Processing Material Procurement
9	Lesson: Creating a Third-Party Requisition for Non-Stock Items
10	Lesson: Executing an In-House Production Process
10	Lesson: Using Material Assemblies
10	Lesson: Processing Preliminary Requirements in Projects
10	Lesson: Grouping Material Requirements
10	Lesson: Performing a Material Availability Check
10	Lesson: Generating Deliveries for the Shipping of Assemblies
<b>11</b>	<b>Unit 6: Project-Oriented Procurement Analysis</b>
11	Lesson: Monitoring Logistical Data and Procurement Processes
<b>13</b>	<b>Unit 7: Workflows in Project System</b>
13	Lesson: Configuring Workflows in the Project System
<b>15</b>	<b>Unit 8: Progress Tracking</b>
15	Lesson: Monitoring Deadlines using Progress Tracking

# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Application Consultant
- Development Consultant
- Support Consultant
- Project Manager
- Project Stakeholder
- Systems Architect
- Tester
- Training Manager
- Business Process Owner/Team Lead/Power User
- Help Desk/CoE Support
- Solution Architect
- Trainer
- User
- Super / Key / Power User





## Lesson 1: Introducing SAP S/4HANA

### Lesson Objectives

After completing this lesson, you will be able to:

- Introduce SAP S/4HANA

## Lesson 2: Understanding SAP Fiori UX

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP Fiori UX

## Lesson 3: Understanding SAP GUI

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP GUI

## Lesson 4: Understanding SAP Business Client

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP Business Client
- Explain the benefits of SAP Business Client
- Navigate in SAP Business Client

## Lesson 5: 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 8: Checking the project schedule**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Check the project schedule

## 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

## **Lesson 6: 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 7: 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: 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: 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 5: 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 6: Executing an In-House Production Process**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Execute an in-house production process

## **Lesson 7: Using Material Assemblies**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Process the material flow in a project using assemblies

## **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: Performing a Material Availability Check**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Perform a material availability check

## **Lesson 11: 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 Logistical Data and Procurement Processes

### Lesson Objectives

After completing this lesson, you will be able to:

- Consolidate information with Project-Oriented Procurement (ProMan)
- Learn to know the Customizing settings in ProMan



## Lesson 1: Configuring Workflows in the Project System

### Lesson Objectives

After completing this lesson, you will be able to:

- Configure workflows in the project system



## 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