

S4224

Production Planning with SAP S/4HANA PP/DS

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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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Project Manager
- Application Consultant
- Development Consultant
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Enterprise Architect
- Industry Specialist

UNIT 1

Outlining Production Planning in SAP S/4HANA

Lesson 1: Outlining SAP S/4HANA Manufacturing: Functions and Innovations

Lesson Objectives

After completing this lesson, you will be able to:

- Outline Functions and Innovations

Lesson 2: Outlining Supply Chain Planning at a Glance

Lesson Objectives

After completing this lesson, you will be able to:

- Outline Supply Chain Planning at a Glance

Lesson 3: Outlining Advanced Planning: PP/DS in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Outline Advanced Planning: PP/DS in SAP S/4HANA

Lesson 1: Explaining Master Data in Supply Chain Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Master Data in Supply Chain Planning

Lesson 2: Reviewing Master Data for Advanced Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Integration of Master Data and Transactional Data

Lesson 3: Explaining the Alert Monitor

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Alert Monitor

Lesson 1: Working With the Product View

Lesson Objectives

After completing this lesson, you will be able to:

- Work With the Product View

Lesson 2: Understanding Principles and Tools for Demand Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Understand Principles and Tools for Demand Planning

Lesson 3: Explaining Planning Strategies in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Planning Strategies in SAP S/4HANA

Lesson 4: Explaining Planning Strategies in SAP S/4HANA PP/DS for Make-to-Order

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Planning Strategies in SAP S/4HANA PP/DS for Make-to-Order

Lesson 5: Explaining Planning Strategies in SAP S/4HANA PP/DS for Make-to-Stock

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Planning Strategies in SAP S/4HANA PP/DS for Make-to-Stock

Lesson 6: Exploring Determination of Planning Strategies and Requirement Classes

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Determination of Planning Strategies and Requirement Classes

Lesson 1: Explaining Prerequisites and Basic Settings for SAP S/4HANA PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Prerequisites and Basic Settings for SAP S/4HANA PP/DS

Lesson 2: Exploring Technical Steps of a Planning Run in SAP S/4HANA PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Technical Steps of a Planning Run in SAP S/4HANA PP/DS

Lesson 3: Exploring Heuristics

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Heuristics

Lesson 4: Applying the Planning Run in PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Apply Planning Run in PP/DS

Lesson 5: Exploring Integration to Shop Floor Control

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Integration to Shop Floor Control

Lesson 6: Examining Additional Topics in Production Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Exploring Firming in SAP S/4HANA PP/DS
- Exploring Pegging in SAP S/4HANA PP/DS
- Exploring Setup Time Matrix
- Exploring Reduction of Planned Independent Requirements

UNIT 5

Understanding Detailed Scheduling in SAP S/4HANA PP/DS

Lesson 1: Exploring Concepts and Principles for Detailed Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Concepts and Principles for Detailed Scheduling

Lesson 2: Explaining the Detailed Scheduling Planning Board

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Detailed Scheduling Planning Board

Lesson 3: Exploring Supply Creation-Based Confirmation (SBC)

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Supply Creation-Based Confirmation (SBC)

Lesson 1: Exploring the Usage of SAP S/4HANA PP/DS Optimization

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Usage of SAP S/4HANA PP/DS Optimization

UNIT 7

Interaction of Planning in SAP S/4HANA and SAP S/4HANA PP/DS

Lesson 1: Combining Multi-Step Planning Run in PP/DS with MRP Live

Lesson Objectives

After completing this lesson, you will be able to:

- Combine multi-step planning run in PP/DS with MRP Live