

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	1 2 3
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



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UNIT1 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



UNIT 2 Explaining and Reviewing Master Data and Alert Monitor

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:

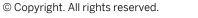
• Explain the Integration of Master Data and Transactional Data

Lesson 3: Explaining the Alert Monitor

Lesson Objectives

After completing this lesson, you will be able to:

• Explain the Alert Monitor





UNIT 3 Program Planning in SAP S/ 4HANA PP/DS

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

UNIT 4 Production Planning in SAP S/ 4HANA PP/DS

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)



UNIT 6 SAP S/4HANA PP/DS Optimization

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

