

# 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	<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:

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





## **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



## **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



## 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