

S4220

Production Planning in SAP S/4HANA

COURSE OUTLINE

Course Version: 17
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:

- Application Consultant
- Super / Key / Power User
- Business User
- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Help Desk/CoE Support
- Solution Architect
- System Architect
- Trainer

UNIT 1

SAP S/4HANA Production Planning Overview

Lesson 1: Outlining Production Planning in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the evolution from SAP ECC via SAP SCM to SAP S/4HANA in terms of planning
- Outline general concepts of production planning in SAP S/4HANA

UNIT 2

Master Data for SAP S/4HANA Production Planning

Lesson 1: Outlining Master Data for SAP S/4HANA Production Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Outline master data for SAP S/4HANA Production Planning

Lesson 1: Outlining Demand Management in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Outline Demand Management in SAP S/4HANA

Lesson 2: Planning Make-to-Stock Production

Lesson Objectives

After completing this lesson, you will be able to:

- Plan make-to-stock production in SAP S/4HANA

Lesson 3: Planning Make-to-Order Production

Lesson Objectives

After completing this lesson, you will be able to:

- Plan make-to-order production

Lesson 4: Applying Demand Management Enhancements

Lesson Objectives

After completing this lesson, you will be able to:

- Demand Management Enhancements

UNIT 4

Material Requirements Planning in SAP S/4HANA

Lesson 1: Outlining Prerequisites, Setting Up, and Executing MRP

Lesson Objectives

After completing this lesson, you will be able to:

- Outline prerequisites, setup, and execution of MRP

Lesson 2: Highlighting Technical Process Steps of MRP

Lesson Objectives

After completing this lesson, you will be able to:

- Highlight technical process steps of MRP

Lesson 1: Outlining Advanced Planning: PP/DS in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Get an overview of PP/DS planning

Lesson 2: Reviewing Master Data for Advanced Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Review master data for SAP S/4HANA Advanced Planning

Lesson 3: Activating Advanced Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Activate advanced planning using the Core Interface

Lesson 4: Evaluating Alerts with the Alert Monitor

Lesson Objectives

After completing this lesson, you will be able to:

- Use the alert monitor as single point of entry for planners

Lesson 5: Planning Production with the Product View

Lesson Objectives

After completing this lesson, you will be able to:

- Plan production using the product view

UNIT 6

Demand Management in SAP S/4HANA with Regard to Advanced Planning

Lesson 1: Recapitulating Planning Strategies 20 and 50

Lesson Objectives

After completing this lesson, you will be able to:

- Apply planning strategies for make-to-order production

Lesson 2: Recapitulating Planning Strategies 40 and 70

Lesson Objectives

After completing this lesson, you will be able to:

- Apply planning strategies for make-to-stock production

Lesson 1: Exploring Steps in PP/DS Material Requirements Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Apply net requirements calculation, lot sizes, and pegging

Lesson 2: Exploring Heuristics and Functions in PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Explore heuristics and functions in PP/DS

Lesson 3: Applying the PP/DS Planning Run

Lesson Objectives

After completing this lesson, you will be able to:

- Apply the PP/DS Planning Run

Lesson 1: Exploring Concepts and Principles for Detailed Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the concepts and principles of Detailed Scheduling

Lesson 2: Applying Transactional Tools for Detailed Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

- Apply tools used in Detailed Scheduling

Lesson 3: Applying Apps for Detailed Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

- Apply apps for Detailed Scheduling

Lesson 4: 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

Lesson 5: Using the PP/DS Optimizer

Lesson Objectives

After completing this lesson, you will be able to:

- Use the PP/DS optimizer for detailed scheduling

Lesson 1: Outlining Demand-Driven Replenishment

Lesson Objectives

After completing this lesson, you will be able to:

- Outline demand-driven replenishment