S4MA1

SAP S/4HANA Manufacturing - Functions & Innovations

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	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Enterprise Architect
- Industry Specialist
- User

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UNIT 1

SAP S/4HANA Enterprise Management (logistics): Overview

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

Lesson Objectives

After completing this lesson, you will be able to:

- Outline SAP S/4HANA Manufacturing: functions and innovations

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UNIT 2

SAP S/4HANA Enterprise Management (Planning): Simplifications

Lesson 1: Introducing the Basics

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the basics of the SAP S/4HANA simplifications for manufacturing

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UNIT 3

SAP S/4HANA: Best Practice: The New MRP

Lesson 1: Outlining Customer Key Requirements: Challenges, Features, and Benefits

Lesson Objectives

After completing this lesson, you will be able to:

- Outline challenges, features, and benefits of MRP on SAP HANA

Lesson 2: Understanding Material Requirements Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the basics of the Materials Requirement Planning with SAP S/4HANA Manufacturing

Lesson 3: Describing MRP on SAP S/4HANA: MRP Live

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP S/4HANA MRP solution

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UNIT 4

SAP S/4HANA: Best Practice: Production Methods

Lesson 1: Understanding SAP S/4HANA Best Practice: Make-to-Stock

Lesson Objectives

After completing this lesson, you will be able to:

- Understand make-to-stock production

Lesson 2: Understanding SAP S/4HANA Best Practice: Make-to-Order

Lesson Objectives

After completing this lesson, you will be able to:

- Understand make-to-order production

Lesson 3: Explaining SAP S/4HANA Best Practice: Planning on Assembly Level (Optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand planning on assembly level

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UNIT 5 PP/DS in SAP S/4HANA

Lesson 1: Describing Master Data and the Alert Monitor

Lesson Objectives

After completing this lesson, you will be able to:

- Understand master data and Alert Monitor

Lesson 2: Using Demand Management and Planning Strategies in PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Use demand management and planning strategies in PP/DS

Lesson 3: Using Production Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Use production planning

Lesson 4: Outlining Detailed Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

- Use detailed scheduling

Lesson 5: Outlining Apps for Detailed Scheduling in SAP S/4HANA PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Outline apps for detailed scheduling

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Lesson 6: Outlining Detailed Scheduling with Detailed Scheduling Planning Board

Lesson Objectives

After completing this lesson, you will be able to:

- Outline detailed scheduling with the DS planning board

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UNIT 6 Optimizer in SAP S/4HANA PP/DS

Lesson 1: Using the Optimizer in SAP S/4HANA PP/DS

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Optimizer in SAP S/4HANA PP/DS

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UNIT 7 Demand-Driven Replenishment

Lesson 1: Exploring Demand-Driven Replenishment

Lesson Objectives

After completing this lesson, you will be able to:

- Explore Demand-Driven Replenishment

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UNIT 8 Predictive MRP - pMRP

Lesson 1: Exploring predictive MRP

Lesson Objectives

After completing this lesson, you will be able to:

- Explore predictive MRP

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