

Business Processes in SAP S/4HANA Manufacturing

COURSE OUTLINE

Course Version: 23 Course Duration:

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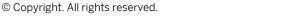
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iii

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

Contents

vii Course Overview

1	Unit 1:	Overview of Supply Chain Planning
1		Lesson: Outlining Supply Chain Planning at a Glance
3	Unit 2:	Prerequisites for Production Planning in SAP S/4HANA
3 3		Lesson: Outlining General Master Data Lesson: Outlining Master Data for Production Planning
5	Unit 3:	Demand Planning
5		Lesson: Understanding Principles and Tools for Demand Planning
7	Unit 4:	Demand Management in SAP S/4HANA
7 7 7 7		Lesson: Outlining Planning Strategies in SAP S/4HANA Lesson: Outlining Make-to-Stock Production Lesson: Outlining Make-to-Order Production Lesson: Outlining Predictive MRP (pMRP)
9	Unit 5:	Material Requirements Planning and Capacity Planning in SAP S/4HANA
9 9 9		Lesson: Outlining MRP in SAP S/4HANA Lesson: Outlining Demand Coverage in SAP S/4HANA and Capacity Planning Lesson: Exploring Production Planning and Detailed Scheduling
11	Unit 6:	Overview of Production Execution
11		Lesson: Outlining Production Types
13	Unit 7:	Production with Production Orders
13		Lesson: Exploring Production Orders: Characteristics and Execution
15	Unit 8:	Production with Process Orders
15		Lesson: Exploring Process Orders: Characteristics and Execution
17	Unit 9:	Production with Repetitive Manufacturing
17		Lesson: Exploring Repetitive Manufacturing: Characteristics and Execution



19 Unit 10: Material Staging with Kanban

19 Lesson: Exploring Kanban: Characteristics and Execution

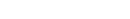
Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Systems Architect
- Project Manager
- Project Stakeholder
- Tester
- Training Manager
- Application Consultant
- Development Consultant
- Support Consultant
- Industry / Business Analyst Consultant
- Super / Key / Power User
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Help Desk/CoE Support
- Industry Specialist
- Solution Architect
- Trainer

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vii

UNIT 1 Overview of Supply Chain Planning

Lesson 1: Outlining Supply Chain Planning at a Glance

Lesson Objectives

After completing this lesson, you will be able to:

• Gain an overview of supply chain planning



UNIT 2 Prerequisites for Production Planning in SAP S/4HANA

Lesson 1: Outlining General Master Data

Lesson Objectives

After completing this lesson, you will be able to:

• Get an impression of master data in manufacturing

Lesson 2: Outlining Master Data for Production Planning

Lesson Objectives

After completing this lesson, you will be able to:

• Get an idea of master data for inhouse production



UNIT 3 Demand Planning

Lesson 1: Understanding Principles and Tools for Demand Planning

Lesson Objectives

After completing this lesson, you will be able to:

• Get an overview of demand planning tools



UNIT 4 Demand Management in SAP S/4HANA

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

Lesson Objectives

After completing this lesson, you will be able to:

• Explain the basics of demand management

Lesson 2: Outlining Make-to-Stock Production

Lesson Objectives

After completing this lesson, you will be able to:

• Get an overview of MTS production

Lesson 3: Outlining Make-to-Order Production

Lesson Objectives

After completing this lesson, you will be able to:

• Get an overview of MTO production

Lesson 4: Outlining Predictive MRP (pMRP)

Lesson Objectives

After completing this lesson, you will be able to:

• Get an idea of predictive MRP (pMRP)

UNIT 5

Material Requirements Planning and Capacity Planning in SAP S/4HANA

Lesson 1: Outlining MRP in SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

Get introduced to MRP Basics

Lesson 2: Outlining Demand Coverage in SAP S/4HANA and Capacity Planning

Lesson Objectives

After completing this lesson, you will be able to:

• Get introduced to MRP live

Lesson 3: Exploring Production Planning and Detailed Scheduling

Lesson Objectives

After completing this lesson, you will be able to:

Get introduced to PP/DS



UNIT 6 Overview of Production Execution

Lesson 1: Outlining Production Types

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the production types supported with S/4HANA.



UNIT 7 Production with Production Orders

Lesson 1: Exploring Production Orders: Characteristics and Execution

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the application areas, the characteristics, the integration, and the master data of production orders, and perform the various steps of production order processing.



UNIT 8 **Production with Process Orders**

Lesson 1: Exploring Process Orders: Characteristics and Execution

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the application areas, the characteristics, the integration, and the master data of process orders, and perform the various steps of process order processing.



UNIT 9 Production with Repetitive Manufacturing

Lesson 1: Exploring Repetitive Manufacturing: Characteristics and Execution

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the application areas, the characteristics, the integration, and the master data of repetitive manufacturing, and perform the various processing steps.



UNIT 10 Material Staging with Kanban

Lesson 1: Exploring Kanban: Characteristics and Execution

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the application areas, the characteristics, the integration, and the master data of the Kanban solution, and perform the various processing steps.

