

**Business Processes in SAP** S/4HANA Manufacturing

**COURSE OUTLINE** 

Course Version: 23 Course Duration:

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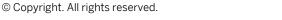
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## **Typographic Conventions**

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	<b></b>
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### **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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## 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.

