

# S4525

## Consumption-Based Planning and Forecasting in SAP S/4HANA

### 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
- Industry / Business Analyst Consultant
- Super / Key / Power User
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Trainer





# UNIT 1

# Introduction to Consumption-Based Planning

## Lesson 1: Introducing Material Requirements Planning (MRP) Process

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain the function and results of MRP and define the prerequisites

## Lesson 2: Outlining MRP Procedures

### Lesson Objectives

After completing this lesson, you will be able to:

- Outline the different MRP procedures



## Lesson 1: Defining Planning Levels

### Lesson Objectives

After completing this lesson, you will be able to:

- Define MRP areas

## Lesson 2: Maintaining and Configuring Material Master Data

### Lesson Objectives

After completing this lesson, you will be able to:

- Get an overview of material master data for consumption-based planning
- Get to know MRP type and related fields
- Understand lot-sizing settings
- Understand and control scheduling



## Lesson 1: Describing the Planning Run

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe planning run options and their characteristics

## Lesson 2: Executing a Planning Run Using Classic MRP

### Lesson Objectives

After completing this lesson, you will be able to:

- Parameterize a planning run

## Lesson 3: Executing a Planning Run Using MRP Live

### Lesson Objectives

After completing this lesson, you will be able to:

- Carry out a planning run using MRP Live

## Lesson 4: Converting Planned Orders and Evaluating MRP Lists

### Lesson Objectives

After completing this lesson, you will be able to:

- Use the MRP list to verify the planning results and convert planned orders

## Lesson 5: Evaluating the Planning Results

### Lesson Objectives

After completing this lesson, you will be able to:

- Use the most common planning evaluation tools
- Use the collective access to lists
- Use the material tree
- Use the navigation profile

- Explore exception messages

## Lesson 1: Explaining Basics of the Forecast

### Lesson Objectives

After completing this lesson, you will be able to:

- Apply the basic settings of forecasting

## Lesson 2: Executing and Postprocessing the Forecast

### Lesson Objectives

After completing this lesson, you will be able to:

- Execute and postprocess the forecast

## Lesson 3: Performing Forecast-Based Planning

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up a forecast-based planning process

## Lesson 4: Performing Time-Phased Planning

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up time-phased planning

## Lesson 5: Performing Automatic Reorder Point Planning

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up automatic reorder point planning





## **Lesson 1: Explaining Source Determination in Material Requirements Planning**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Control automatic source determination