SCM240
Production Planning in ERP

COURSE OUTLINE

Course Version: 15
Course Duration: 5 Day(s)
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- Lesson: Planning Make-to-Order Production Without Consumption Logic
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Course Overview

TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- Business Process Owner/Team Lead/Power User
- User
Lesson 1: Outlining the Supply Chain Planning Process

Lesson Objectives
After completing this lesson, you will be able to:

• Analyze the Supply Chain Planning process

Lesson 2: Outlining the Core Production Planning Process

Lesson Objectives
After completing this lesson, you will be able to:

• Run the Production Planning process with SAP ERP
Lesson 1: Outlining Demand Management
Lesson Objectives
After completing this lesson, you will be able to:
• Examine planning strategies

Lesson 2: Planning Make-to-Stock Production Without Consumption Logic
Lesson Objectives
After completing this lesson, you will be able to:
• Apply make-to-stock production (strategy 10)
• Apply production by lot size (strategy 30)

Lesson 3: Planning Make-to-Stock Production with Consumption Logic
Lesson Objectives
After completing this lesson, you will be able to:
• Apply planning with final assembly (strategy 40)
• Apply subassembly planning (strategy 70)

Lesson 4: Planning Make-to-Order Production Without Consumption Logic
Lesson Objectives
After completing this lesson, you will be able to:
• Apply pure make-to-order production (strategy 20)

Lesson 5: Planning Make-to-Order Production with Consumption Logic
Lesson Objectives
After completing this lesson, you will be able to:
Lesson 6: Using Assembly Processing in Make-to-Order Production
Lesson Objectives
After completing this lesson, you will be able to:

- Apply assembly processing with production orders (strategy 82)

Lesson 7: Applying Demand Management Enhancements
Lesson Objectives
After completing this lesson, you will be able to:

- Apply reduction of planned independent requirements
- Apply MRP and demand management customizing elements systematically

Lesson 8: Analyzing Availability Checks
Lesson Objectives
After completing this lesson, you will be able to:

- Rate the different availability checks
Lesson 1: Outlining Material Requirements Planning

Lesson Objectives
After completing this lesson, you will be able to:

● Outline MRP principles

Lesson 2: Setting Up the MRP Prerequisites

Lesson Objectives
After completing this lesson, you will be able to:

● Apply prerequisites for MRP

Lesson 3: Executing the MRP Run

Lesson Objectives
After completing this lesson, you will be able to:

● Select the appropriate MRP run procedure

Lesson 4: Setting Up the MRP Run

Lesson Objectives
After completing this lesson, you will be able to:

● Set up the MRP run control parameters

Lesson 5: Planning MRP Interactively

Lesson Objectives
After completing this lesson, you will be able to:

● Apply the appropriate interactive planning method

Lesson 6: Applying Firming Mechanisms

Lesson Objectives
After completing this lesson, you will be able to:

- Apply firming mechanisms to preserve planning results
Lesson 1: Calculating Net Requirements

Lesson Objectives
After completing this lesson, you will be able to:

- Explain net requirements calculation

Lesson 2: Applying Buffers in Net Requirements Calculation

Lesson Objectives
After completing this lesson, you will be able to:

- Apply buffers in net requirements calculation

Lesson 3: Calculating Lot Sizes

Lesson Objectives
After completing this lesson, you will be able to:

- Apply lot-sizing procedures

Lesson 4: Selecting Procurement Types

Lesson Objectives
After completing this lesson, you will be able to:

- Choose the appropriate procurement type
- Apply quota arrangement in Material Requirements Planning

Lesson 5: Setting Up Basic-Date Scheduling

Lesson Objectives
After completing this lesson, you will be able to:

- Configure basic-date scheduling

Lesson 6: Setting Up Lead-Time Scheduling
Lesson Objectives
After completing this lesson, you will be able to:

- Configure lead-time scheduling

Lesson 7: Selecting BOM and Routing
Lesson Objectives
After completing this lesson, you will be able to:

- Configure automatic BOM selection
- Configure automatic routing selection
Lesson 1: Comparing an MRP List and a Stock/Requirements List

Lesson Objectives
After completing this lesson, you will be able to:

• Compare the use of an MRP list and a stock/requirements list

Lesson 2: Applying the Planning Table

Lesson Objectives
After completing this lesson, you will be able to:

• Apply the planning table

Lesson 3: Identifying Exception Messages

Lesson Objectives
After completing this lesson, you will be able to:

• Configure and interpret exception messages

Lesson 4: Applying Additional Evaluation Aids

Lesson Objectives
After completing this lesson, you will be able to:

• Apply additional evaluation aids
Lesson 1: Applying Master Production Scheduling (MPS)

Lesson Objectives
After completing this lesson, you will be able to:

- Use master production scheduling

Lesson 2: Setting Up Long-Term Planning

Lesson Objectives
After completing this lesson, you will be able to:

- Set up a long-term planning scenario

Lesson 3: Executing Long-Term Planning

Lesson Objectives
After completing this lesson, you will be able to:

- Execute a long-term planning run

Lesson 4: Analyzing Multi-Site Planning

Lesson Objectives
After completing this lesson, you will be able to:

- Perform multi-site planning

Lesson 5: Setting Up MRP Areas

Lesson Objectives
After completing this lesson, you will be able to:

- Prepare the system for planning with MRP areas

Lesson 6: Applying MRP Areas

Lesson Objectives
After completing this lesson, you will be able to:

- Apply storage location MRP areas