SCM130
SAP ERP Planning and Manufacturing Overview

COURSE OUTLINE

Course Version: 15
Course Duration: 5 Day(s)
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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
- Window title
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- Lesson: Outlining Process Orders
- Lesson: Creating and Interpreting Process Orders
- Lesson: Executing Process Orders
- Lesson: Using Additional Functions with Process Orders

### Unit 10: Repetitive Manufacturing Processing

- Lesson: Outlining Repetitive Manufacturing
- Lesson: Preparing Repetitive Manufacturing
- Lesson: Planning Line Loading in Repetitive Manufacturing
- Lesson: Using Material Staging and Confirmation
- Lesson: Integrating Costing, Controlling, and Reporting

### Unit 11: Kanban Principles in Production

- Lesson: Outlining Kanban
- Lesson: Using Kanban in Production
TARGET AUDIENCE
This course is intended for the following audiences:

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

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

• Outline Supply Chain Planning
Lesson 1: Checking Supply Chain Master Data

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

- Check supply chain master data

Lesson 2: Checking Production Master Data

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

- Check production master data
Lesson 1: Outlining Flexible Planning

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

• Outline flexible planning

Lesson 2: Executing Standard Sales and Operations Planning

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

• Execute standard sales and operations planning

Lesson 3: Releasing a Standard Sales and Operations Plan

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

• Release a standard sales and operations plan
Lesson 1: Setting Up a Demand Program

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

• Set up a demand program

Lesson 2: Planning Make-to-Stock Production

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

• Plan make-to-stock production

Lesson 3: Planning Make-to-Order Production

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

• Plan make-to-order production

Lesson 4: Checking Material Availability

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

• Check material availability
Lesson 1: Outlining MRP Procedures

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

- Outline MRP procedures

Lesson 2: Executing Material Requirements Planning

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

- Plan material requirements

Lesson 3: Interpreting the Results of Material Requirements Planning

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

- Interpret the results of MRP
Lesson 1: Creating a Long-Term Planning Scenario

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

- Create a long-term planning scenario

Lesson 2: Executing Long-Term Planning

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

- Execute long-term planning
Lesson 1: Distinguishing Production Types

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

- Distinguish production types
Lesson 1: Outlining Production Orders

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

- Outline production orders

Lesson 2: Creating Production Orders

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

- Create production orders

Lesson 3: Releasing Production Orders

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

- Release a production order

Lesson 4: Executing Material Staging for Production Orders

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

- Execute material staging for production orders

Lesson 5: Executing Confirmation and Goods Receipt for Production Orders

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

- Execute confirmation and goods receipt for production orders

Lesson 6: Evaluating Production Orders
Lesson Objectives
After completing this lesson, you will be able to:

- Evaluate production orders
Lesson 1: Outlining Process Orders

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

• Outline process orders

Lesson 2: Creating and Interpreting Process Orders

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

• Create and interpret process orders

Lesson 3: Executing Process Orders

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

• Execute process orders

Lesson 4: Using Additional Functions with Process Orders

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

• Use additional functions with process orders
Lesson 1: Outlining Repetitive Manufacturing

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

● Outline repetitive manufacturing

Lesson 2: Preparing Repetitive Manufacturing

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

● Prepare repetitive manufacturing

Lesson 3: Planning Line Loading in Repetitive Manufacturing

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

● Plan line loading in repetitive manufacturing

Lesson 4: Using Material Staging and Confirmation

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

● Use material staging and confirmation

Lesson 5: Integrating Costing, Controlling, and Reporting

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

● Integrate costing, controlling, and reporting
Lesson 1: Outlining Kanban

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

● Outline Kanban

Lesson 2: Using Kanban in Production

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

● Use Kanban in production