KOENIG
step forward

SAP S/4 HANA Production Planning and Manufacturing Academy Part II

Duration: 10 Days (80 Hours)

Course Summary

This course focuses on deeper execution and monitoring aspects of SAP S/4HANA Production Planning. It covers production and process orders, capacity planning, shop floor execution, repetitive manufacturing, Kanban, and advanced capacity evaluation techniques. Ideal for learners who have completed Part I or have foundational PP knowledge.

Detailed Table of Contents

1. Introduction to Production Orders

- Outlining SAP Fiori and the System Landscape
- Outlining Production Orders
- Production Types

2. Order Processing and Order Structure

- Processing a Production Order
- Order Structure

3. Order Creation

- Creating Production Orders: Manually, from Planned Orders, Partial and Full Quantity
- Master Data Selection
- Scheduling Production Orders
- Costing of Production Orders

4. Availability Checks, Capacity Planning, Order Release and Printing

- Performing Availability Checks
- Discussing Capacity Planning
- Releasing Production Orders
- Printing Shop Floor Papers

5. Order Execution

- Material Staging and Goods Issue Postings
- Confirming Production Orders
- Posting Goods Receipts

6. Order Settlement, Archiving, and Deletion

- Performing Order Settlement
- Archiving and Deleting Production Orders

7. Information Systems, Mass Processing, and Automation

- Outlining Information Systems and Reporting
- Outlining Mass Processing and Automation

8. Further and Advanced Functions

- Performing Order Splits
- Creating Shift Notes and Shift Reports

9. Production with Process Orders

- Process Orders: Characteristics and Execution
- Master Data for Process Orders
- Batch Management
- Process Order Creation
- Performing Availability Checks
- Discussing Capacity Planning
- Releasing Production Orders
- Printing Shop Floor Papers
- Material Staging
- Confirmations
- Goods Receipt
- Order Settlement
- Archiving and Deletion
- PI Sheet

10. Production with Repetitive Manufacturing

- Application Areas of Repetitive Manufacturing
- Master Data for Repetitive Manufacturing
- Line Loading
- REM Planning Table
- Reporting Point Confirmation

11. Material Staging with Kanban

- Kanban
- Application Areas of Kanban
- Kanban Principle
- Kanban Characteristics

- Master Data
- Production Supply Area
- Control Cycle

12. Introduction to Capacity Planning

- Capacity Planning in Manufacturing
- Capacity Planning Tools
- Dispatching an Operation

13. Capacity Evaluation

- Access to the Capacity Evaluation Reports
- Work Center Load Report: Standard Overview
- Settings of an Evaluation Report
- Work Center Hierarchy
- Detailed Capacity List
- Further Capacity Evaluation Reports

14. Capacity Leveling

- Navigating the Tabular Planning Table
- Dispatching Operations in the Tabular Planning Table

15. Further Capacity Planning Topics

- Dispatching and Deallocating Operations Using Background Processing
- Modeling Downtimes in Capacity Planning