

## SAP S/4 HANA PP (Production Planning) Training Course

- **SAP ERP Overview**
  - Introduction to ERP
  - Introduction to SAP
  - Organization Structure in SAP ERP
  - SAP Implementation Methodology
  - Plan to Procure Process
  - Order to Cash Process
  - Plan to Production Process
  - Financial Implication of Procurement, Production and Sales
- **PLM114: Basic Data for Production**
  - Organizational data related to production planning and manufacturing
  - Creating material master data and views required to support discrete and Managing changes to the material master
  - Functions and features of bills of material (BOMs) in detail
    - Standard BOM Functions
    - BOM maintenance and Reporting
  - Work center master data and views required to support discrete manufacturing
    - Capacity Data
    - Scheduling Data
  - Functions and features of Discrete manufacturing Task lists (standard routings) in detail
    - Routing Sequences
    - Operational Details
  - Task list Maintenance and reporting
- **SCM240 and SCM 525: Production Planning in ERP**
  - Overview of Production Planning in SAP ERP
    - Outlining the Supply Chain Planning Process
    - Outlining the Core Production Planning Process
  - MRP Procedures
  - MRP
  - MPS
  - CBP

- Demand Management
  - Outlining Demand Management
  - Planning Make-to-Stock Production Without Consumption Logic
  - Planning Make-to-Stock Production with Consumption Logic
  - Analyzing Availability Checks
- o **Material Requirements Planning Execution**
  - Outlining Material Requirements Planning
  - Setting Up the MRP Prerequisites
  - Executing the MRP Run
  - Setting Up the MRP Run
  - Planning MRP Interactively
  - Applying Firming Mechanisms
- o **Technical Processes of Requirements Planning**
  - Calculating Net Requirements
  - Applying Buffers in Net Requirements Calculation
  - Calculating Lot Sizes
  - Selecting Procurement Types
  - Setting Up Basic-Date Scheduling
  - Setting Up Lead-Time Scheduling
- o **MRP Results Processing and Evaluations**
  - Comparing an MRP List and a Stock/Requirements List
  - Identifying Exception Messages
- o **Additional MRP Processes**
  - Setting Up MRP Areas
  - Applying MRP Areas
- o **Production Planning and Detailed Scheduling (PP/DS)**
- **SCM310: Production Orders:**
  - Order structure and processing
  - Order creation
  - Availability checks
  - Capacity Requirements Planning (Basics)
  - Order release
  - Printing order documents
  - Material withdrawal
  - Confirmations
  - Goods receipt
  - Order settlement

- Archiving and deletion
- Mass Processing and Information Systems
- **SCM360: Capacity Planning (ERP)**
  - Integration of capacity planning
  - Analysis of capacity requirement
  - Maintenance of available capacity
  - Capacity Leveling
- **SCM300 : Other manufacturing Process Overview**
  - Repetitive Manufacturing
  - Process Manufacturing
  - KANBAN