

SAP – Production Planning (55-60 Hours) Course Contents

Introduction

- ✓ Overview of ERP
- ✓ About SAP
- ✓ SAP Hierarchy Structure

Master Data

- ✓ Material master configuration and use in production planning.
- ✓ Bill of material (BOM) configuration and use in production planning.
- ✓ Routings (task lists) configuration and use in production planning.
- ✓ Work Center configuration and use in production planning.

Master Planning

- ✓ Sales and Operations Planning
- ✓ Demand Management planning strategies and planned independent requirements
- ✓ Long-Term Planning

Sales and Operational Planning – SOP

- ✓ Standard Planning
- ✓ Planning with the Product Groups
- ✓ Planning with the Materials
- ✓ Product Group Aggregation and Desegregation
- ✓ Creation of Plan and version management
- ✓ Transfer of Plan to Demand Management

Planning Material Requirement

- ✓ Master Production scheduling procedure
- ✓ Consumption based planning (re-order point planning, forecast-based & Time-phased)
- ✓ Material requirement planning run configuration
- ✓ Material requirement planning evaluation tools

Batch Management

- ✓ Condition Tables
- ✓ Access Sequence
- ✓ Strategy Types
- ✓ PP Batch Search Procedure
- ✓ Batch Status in PP
- ✓ Characteristics and class
- ✓ SLED In Batch in PP
- ✓ Manual and Automatic Batch Display in PP
- ✓ Production orders creation using Batch

Variant Configuration in PP & Variant Configuration in BOM

- ✓ Characteristics
- ✓ Class
- ✓ Classification
- ✓ Classification settings in material master
- ✓ Maintain Dependency
- ✓ Configurable Profile for Material

Availability Check

- ✓ Availability Check with ATP Logic or Against Planning

Capacity Planning

- ✓ Capacity planning master data components
- ✓ Capacity planning scheduling parameters
- ✓ Available capacity determination
- ✓ Capacity evaluation

Production Orders

- ✓ Scheduling of production orders
- ✓ Production order components
- ✓ Production Resources & Tools (PRT's)

Discrete Manufacturing

- ✓ Planned order structure
- ✓ Production order types
- ✓ Material staging and withdraw
- ✓ Production confirmation
- ✓ Goods movements
- ✓ Goods Receipt WREF to Production Order
- ✓ Goods Issue WREF to Production Order
- ✓ Creation of GI WREF to Reservation
- ✓ Restricting Goods Receipt Unless Production Order is Confirmed
- ✓ Order Settlement

Repetitive Manufacturing

- ✓ Master Data
- ✓ Planning
- ✓ Planning Table
- ✓ Pull List material staging
- ✓ Back flushing
- ✓ REM Backflusing