SAP® S/4HANA Production Planning

The SAP® Certification exam is offered in three levels Associate, Associate Advanced, and Professional — passing these boosts confidence, establishes expertise, and earns client trust.

Introduction to Production Planning in SAP S/4HANA
- Production Planning Overview
- Characteristics of Production Types
- Processes in Production Planning and Control
- Product Cost Controlling

Organisational Structure in SAP
- Breaking down the structure into units
- SAP Calendar

Discrete Manufacturing Configuration
- Material Master
- Bill of Materials
- Work Center
- Routing
- Production Order Configuration
- Order Type Dependent Plant Parameters
- Production Scheduling Profile
- Default Values for the Generation of Operations
- Availability Check
- Scheduling
- Reduction Strategy
- Confirmation

Process Manufacturing Configuration
- Master Data in Process Industries
- Order Type Dependent Parameters
- Production Scheduling Profile
- Process Management
- Process Messages
- Process Instruction Category
- Control Receipt/Process Instruction Sheets

Repetitive Manufacturing Configuration
- Repetitive Manufacturing Profile
- Scheduling Planned Orders
- Material Staging
- Operational Methods Sheet

Production Planning for Discrete Manufacturing
- Process Overview
- Master Data
- Production Order Management
- Release Production Order
- Material Withdrawal
- Confirmation
- Goods Receipt
- Postprocessing
- Settlement and Completion

Production Planning for Process Manufacturing
- Process Manufacturing Overview
- Master Data in Process Manufacturing
- Characteristics
- Process Management
- Process Order Execution
- Process Management in Action
- Execution Steps

Production Planning for Repetitive Manufacturing
- Overview
- Master Data
- Material Requirements Planning in REM
- Planning Table
- Material Staging
- Production List
- Confirmation
- Reversals and Scrap
- Costing Activities

Batch Management
- Batch Management Overview
- Batch Level and Batch Status Management
- Master Data in Batch Management
- Business Processes in Batch Management
- Batch Determination
- Recurring Inspection and Expiration Dates
- Batch Derivation
- Batch Traceability of Work in Process Batches

Sales and Operational Planning
- Standard Sales and Operational Planning
- Flexible Planning
- Version Management
- Forecasting
- Rough-Cut Planning Profile
- Events
- Mass Processing in Sales and Operational Planning

Demand Management
- Elements of Demand Management
- Strategies for Make-to-Stock Production
- Strategies for Make-to-Order Production
- Strategies for Assemble-to-Order
- Strategies for Planning Components
- Production with Variant Configuration
- Create Custom Requirement Class
- Business Processes in Demand Management

Foundations of Material Requirements Planning
- Process Overview
- Deterministic Replenishment Procedures
- Stochastic Replenishment Procedures
- Configuring Material Requirements Planning Types
- Lot Sizing Procedures
- Rounding
- Scrap
- Safety Stock
- Scheduling
- Procurement Proposals
- Configuration Settings for Material Requirements Planning

Running Material Requirements Planning
- MRP Live
- Stock/Requirements List
- Planning Calendar
- Planning Areas
- Classis Material Requirements Planning
- Types of Planning Runs
- Demand-Driven Replenishment

Long-Term Planning
- Long-Term Planning Master Data and Planning Data
- Long-Term Planning: Business Process
- Additional Features in Long-Term Planning
- Evaluate Information Systems

- SAP Fiori Applications

Capacity Requirements Planning
- Process Overview
- Capacity Requirements and Capacity Evaluation
- Finite Scheduling
- Dispatching
- Capacity Planning Table

Production Planning and Detailed Scheduling
- Configuration
- Master Data in PP-DS
- Business Processes
- Heuristics
- Production Planning Run
- Reporting and Monitoring Apps
- Alert Monitor
- Plan Monitor

Early Warning System
- Overview
- Exceptions
- Set Up Periodic Analysis
- Schedule an Early Warning System
- Triggering an Early Warning System
- Exception Analysis

Production Planning Reporting
- Basics of Reporting
- Report Parameters
- Order Information System Reports
- Missing Parts Information System

Standard Planning Analysis
- Discrete Manufacturing/Production Order
- Process Manufacturing/Process Order
- Repetitive Manufacturing

SAP Fiori Apps for Production Planning
- SAP Fiori Launchpad and Apps Library