

SAP S/4 HANA PP/QM Training Course Content

Course Duration - 45-50 Hrs., 7-8 Weeks

Course Information

Batch Options

Weekday Batch
Mon - Fri - 1.5 Hr./Day

About the Trainer

Industry Expert Trainer with 15+ Years
Real Time Work Experience at Top US
Based Product and Consulting Firms

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Introduction To SAP S/4 HANA PP/QM Training (with Live Project)

SAP S/4 HANA PP/QM (with Live Project)

SAP PP is one of the important modules of SAP which tracks and makes a record of the manufacturing process flows. UnoGeeks SAP PP/QM consultant training delivers the understanding and expertise professionals need to get into In Demand SAP S/4HANA PP/QM Job Roles.

What you'll learn

- Introduction to ERP, SAP R/3 & S4 HANA Architecture & Navigation
- Organizational Structure Config, Manage Master Data - Material Master
- Master Data - Bill of Material, Work centre Management & Routing
- Demand Management, Material requirement & Capacity Requirement planning
- Production order execution & Inventory Management (IM)
- Quality management master data and integration with other modules.
- PP/QM Integration with other modules & Live Project
- Help you with SAP Certification Prep, Mock Interviews and Job Assistance

Course Content

Module 1: Introduction to ERP, SAP R/3, S4 HANA Architecture

- Introduction to ERP
 - Why ERP?
 - Why not ERP?
- Introduction to SAP
- Client/server overview
- ASAP Methodology
- Production Process/Quality Process

Module 2: Navigation & Basic settings in SAP

- Global Settings
- Login
- Sessions
- SAP Screens
- Features of SAP Navigations

Module 3: Organizational Structure of an enterprise in the SAP R/3 system

- Creation of Organizational elements
 - Company
 - Company code
 - Plant
 - Storage Location
 - Purchasing Organization
 - Maintain controlling area
 - Sales organization, Distribution Channel
 - Assignment of Organizational elements

Module 4: Master Data - Material Master

- Material Types
- Creation of Number ranges and assignment to Material type
- Field selection of Material Master and assignment to Material Master
- Material groups
- Creation of Material Master
- Change and Display of Material Master
- Extension of Material Master to other module views, Plants & Storage Locations

Module 5: Master Data - Bill of Material

- Organization layout of BOM
- Function of BOM
- Create, change, display different types of BOM
- Validity process and changing on active BOM
- Concept and importance of group BOM
- BOM reporting
- BOM item categories
- BOM and integration with another module

Module 6: Master Data - Work center Management

- Concept of Work center and Work center management
- Create, change and display of work center
- Work center categories

- Define field selection and task list usage
- Purpose of standard value key and standard values
- Control keys and its relevant configuration
- Work center integration with another module

Module 7: Master Data - Routing

- Concept of routing and its importance in production
- Create, change and display of routing
- Different types of task list usage and number range assignment
- Configuration of user specific field in routing
- Alternative and parallel sequence in the routing
- Operation control key
- Routing and its integration with other module and important tables

Module 8: Planning

- Demand management planning strategy and planned independent requirement

Module 9: Flexible Planning - Standard SOP Planning

- Material planning and product group planning
- Generating plan from forecast for material using standard planning tables
- Creation of product group and its hierarchy
- Planning the product group by maintaining proportional factor
- Auto transfer of plant to demand management

Module 10: Demand Management

- Manual demand creation
- Make to order planning strategy and its configuration
- Make to stock planning strategy and its configuration
- Planning with final assembly concept and its configuration
- Variant configuration of MTO and its discussion

Module 11: Material requirement planning

- Concept of Material requirement planning
- Consumption based planning
- Manual and Automatic re order point planning, forecast based planning
- Master production scheduling
- Understanding of MPS types such as MO, M1, M2, M3& M4
- Creation of planned order manually and automatically

Module 12: Capacity Requirement planning

- Concept of Capacity requirement planning
- Generation of Capacity requirements
- Standard capacity planning profile discussion
- Capacity Balancing using Capacity planning Tables

Module 13: Production order execution

- Concept of shop floor management and order management
- Configuration production order types and dependent parameters
- Creation of production order from planned order
- Creation of production order manually
- Scheduling the production order
- Availability check for component and capacity and releasing of order
- Standard confirmation and milestone confirmation and cancellation
- Order Costing, order settlement and closing
- Product cost Controlling

Module 14: Inventory Management (IM)

- Goods Movement
- **Goods receipt - GR**
 - Goods receipt with reference to Order
 - Goods receipt without order
 - Initial stock uploads
- **Goods Issue - GI**
 - Goods issue with reference with Reservations
 - Goods issue with reference to project
- **Transfer Posting - TP**
 - Transfer Posting from Stock to Stock
 - Transfer Posting from Plant to Plant
 - Transfer Posting from Sloc to Sloc
 - Transfer Posting from Material to Material
- Reservation
- Deletion of reservation permanently and temporarily and their impacts

Module 15: Batch Management in PP

- Condition Tables
- Access Sequence
- Strategy Type
- Batch Search Procedure
- Batch Status in PP
- Characteristics and class
- Sort Sequence for PP Batch
- SLED In Batch in PP
- Manual And Automatic Batch Display In sap pp

Module 16: Technical Requirements for PP

- LSMW
- PP Standard Reports

Module 17: PP integrating with other modules

- Integration of PP with material management
- Integration of PP with Quality management
- Integration of PP with controlling module

Module 18: Quality Management

- Overview of QM module
- Quality Management Material master data setup

Module 19: QM- Master data setup

- Sampling Procedure
- Inspection Method
- Master Inspection Characteristics

Module 20: QM transactional

- Results recording
- Usage Decision

Module 21: Quality Notification process

- Create Quality notification
- Change quality notification

Project Work:

- Understand the requirement and come up with config workbooks.
- Configure SAP PP as per config workbook.

Module 22: Project Work - Configure SAP PP as per Client Requirement

- Business Blue print preparation session, AS-IS & TO-BE document
- Fit to standard/Gap analysis

Module 23: SAP PP Certification Guidance

- Explain various SAP PP Certification Options
- Discuss Important SAP Certification Exam Questions
- Prepare for SAP PP Certification

Module 24: Resume Preparation, Interview and Job Assistance

- Prepare Crisp Resume as SAP PP/QM Specialist
- Discuss common interview questions in SAP PP/QM
- Provide Job Assistance