

TS422 - SAP S/4HANA Production Planning & Manufacturing Academy Part II

Course Duration: 32 Hours

Course Code: TS422

1. Course Overview

The **SAP S/4HANA Production Planning & Manufacturing Academy Part II (TS422)** course builds upon Part I and provides advanced knowledge and hands-on experience in production planning, manufacturing execution, and optimization within SAP S/4HANA. Participants will learn detailed processes related to production orders, capacity planning, material requirements, and integration with other SAP modules to ensure efficient manufacturing operations.

2. What You'll Learn?

- Advanced production planning and manufacturing concepts in SAP S/4HANA
- Detailed management of bills of materials (BOM) and routings
- Advanced material requirements planning (MRP) techniques
- Production order scheduling, execution, and confirmation
- Capacity planning and resource management
- Integration with inventory, procurement, and quality management
- Monitoring, reporting, and best practices for manufacturing optimization

3. Target Audience

- Production planners and manufacturing professionals
- SAP PP functional consultants
- SAP S/4HANA users involved in advanced production planning
- Project team members supporting manufacturing operations

4. Pre-Requisites

- Completion of **TS421 - Production Planning & Manufacturing Academy Part I** or equivalent knowledge
- Basic understanding of SAP S/4HANA navigation and production planning concepts

5. Course Content

Module 1: Advanced Production Planning and Manufacturing Overview

Module 2: Bills of Materials (BOM) and Routings Management

Module 3: Advanced Material Requirements Planning (MRP)

Module 4: Production Order Scheduling, Execution, and Confirmation

Module 5: Capacity Planning and Resource Management

Module 6: Integration with Inventory, Procurement, and Quality Management

Module 7: Monitoring, Reporting, and Analytics

Module 8: Best Practices for Manufacturing Optimization