

# TS421 - SAP S/4HANA Production Planning & Manufacturing Academy Part I

**Course Duration: 32 Hours**

**Course Code: TS421**

## 1. Course Overview

The **SAP S/4HANA Production Planning & Manufacturing Academy Part I (TS421)** course is designed to provide learners with a strong foundation in production planning and manufacturing processes within SAP S/4HANA. Participants will gain hands-on experience in creating and managing production orders, working with bills of materials (BOM), and understanding material requirements planning (MRP). The course emphasizes practical scenarios, system navigation, and best practices to optimize manufacturing operations and streamline production planning.

## 2. What You'll Learn?

- Overview of production planning and manufacturing in SAP S/4HANA
- Understanding and managing bills of materials (BOM)
- Material requirements planning (MRP) processes
- Creating and processing production orders
- Integration with inventory management and procurement
- Monitoring and reporting production operations
- Best practices for efficient production planning and manufacturing execution

## 3. Target Audience

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

## 4. Pre-Requisites

- Basic knowledge of SAP S/4HANA navigation
- Understanding of production planning or manufacturing concepts is recommended

## 5. Course Content

**Module 1:** Introduction to Production Planning and Manufacturing in SAP S/4HANA

**Module 2:** Bills of Materials (BOM) Management

**Module 3:** Material Requirements Planning (MRP)

**Module 4:** Production Order Creation and Processing

**Module 5:** Integration with Inventory and Procurement

**Module 6:** Monitoring, Reporting, and Analytics

**Module 7:** Best Practices in Production Planning

