Course Outline

ProTech Professional Technical Services, Inc.

Basic Data for Manufacturing and Product Management

Course Summary

Objectives

At the end of this course, students will be able to:

- Understand materials, bills of material, work centers and routings in the scenario of manufacturing and product management.

Topics

- Materials
- Assign documents and classify materials
- Manage materials
- Work with product master
- Bills of Materials (BOMs)
- Change BOMs with change numbers
- Mass changes and browser
- Analyze BOMs
- Work Centers
- Create capacities for a work center
- Task Lists
- Explain the structure of a task list
- Create material assignments and component allocations
- Create sub-operations and user-defined fields
- Create product versions
- Create product resources and tools
- Analyze and change task lists
- Work with the Engineering Workbench
- Advanced Bill of Material Functions
- Describe phantom assemblies
- Create Co-Products and alternative components
- Create multiple and variant BOMs
- Advanced Routing Functions
- Model sequences and alternative manufacturing processes
- Create reference operation sets
- Apply lead-time Scheduling and update a material
- Schedule time elements and reduction
- Work with scrap

Audience

Those who can benefit from this Basic Data for Manufacturing and Product Management course include:

- Application Consultant
- Business Process Architect
- Business Process Owner / Team Lead / Power User
- Design/Product Engineers
- Program/Project Manager
- Solution Architect

Prerequisites

Essential:

- Business Processes in SAP S/4HANA Manufacturing

Recommended:

- SAP S/4HANA Overview

Duration

Five days

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I. Materials

II. Assign documents and classify materials

III. Manage materials

IV. Work with product master

V. Bills of Materials (BOMs)

VI. Change BOMs with change numbers

VII. Mass changes and browser

VIII. Analyze BOMs

IX. Work Centers

X. Create capacities for a work center

XI. Task Lists

XII. Explain the structure of a task list

XIII. Create material assignments and component allocations

XIV. Create sub-operations and user-defined fields

XV. Create product versions

XVI. Create product resources and tools

XVII. Analyze and change task lists

XVIII. Work with the Engineering Workbench

XIX. Advanced Bill of Material Functions

XX. Describe phantom assemblies

XXI. Create Co-Products and alternative components

XXII. Create multiple and variant BOMs

XXIII. Advanced Routing Functions

XXIV. Model sequences and alternative manufacturing processes

XXV. Create reference operation sets

XXVI. Apply lead-time Scheduling and update a material

XXVII. Schedule time elements and reduction

XXVIII. Work with scrap