S4130
Business Processes in S/4HANA Asset Management

COURSE OUTLINE

Course Version: 05
Course Duration: 5 Day(s)
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Typographic Conventions

American English is the standard used in this handbook. The following typographic conventions are also used.

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TARGET AUDIENCE
This course is intended for the following audiences:

• Project Manager
• Industry / Business Analyst Consultant
• Super / Key / Power User
Lesson 1: Solutions and Deployment

Lesson Objectives
After completing this lesson, you will be able to:

• Give an overall picture of SAP Solutions and deployment models

Lesson 2: Overview Asset Management

Lesson Objectives
After completing this lesson, you will be able to:

• Give an overview of SAP S/4HANA Asset Management
Lesson 1: UI Clients & Technologies

Lesson Objectives
After completing this lesson, you will be able to:

• Describe the various UI Clients and Technologies and their use

Lesson 2: SAP UX Strategy

Lesson Objectives
After completing this lesson, you will be able to:

• Explain the SAP UX Strategy
• Describe the term User Experience
Lesson 1: Organizational Levels

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the organizational levels relevant for Asset Management
- Explain and understand maintenance plant and planning plant
- Explain and understand maintenance work center
Lesson 1: Functional Locations

Lesson Objectives
After completing this lesson, you will be able to:

- Understand the concept of Functional Locations
- Structure Technical systems
- Check a functional location

Lesson 2: Equipment and Serial Numbers

Lesson Objectives
After completing this lesson, you will be able to:

- Understand the concept of equipment and serial numbers
- Create an equipment
- Install an equipment

Lesson 3: BOM

Lesson Objectives
After completing this lesson, you will be able to:

- Describe how BOMs are used in plant maintenance
- Assign BOMs to technical objects
Lesson 1: Process Steps

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the steps in maintenance processing
- Explain the different alternatives of maintenance processing
Lesson 1: Breakdown Maintenance

Lesson Objectives
After completing this lesson, you will be able to:

- Explain the process of breakdown maintenance
- Plan, confirm and complete a breakdown maintenance order
Lesson 1: Notifications
Lesson Objectives
After completing this lesson, you will be able to:

- Outline the notification phase
- Create a maintenance notification
- Select a maintenance notification

Lesson 2: Planning Orders - Basics
Lesson Objectives
After completing this lesson, you will be able to:

- Describe the basic planning order process
- Create maintenance orders
- Plan work and material in maintenance orders

Lesson 3: Planning Order - 3D Visual Enterprise
Lesson Objectives
After completing this lesson, you will be able to:

- Understand PO 3D Visual Enterprise

Lesson 4: Planning Orders - Costing
Lesson Objectives
After completing this lesson, you will be able to:

- Analyze planned costs of maintenance orders

Lesson 5: Scheduling Maintenance
Lesson Objectives
After completing this lesson, you will be able to:
• Check the maintenance order regarding availability of required resources
• Select maintenance orders.
• Approve and release maintenance orders.

Lesson 6: Executing Maintenance Tasks

Lesson Objectives
After completing this lesson, you will be able to:
• Execute the order by using the Job List
• Withdraw stock material

Lesson 7: Confirming Notifications and Orders

Lesson Objectives
After completing this lesson, you will be able to:
• Confirm Notifications and Orders
• Enter a time confirmation
• Enter a technical confirmation

Lesson 8: Completing Notifications and Orders

Lesson Objectives
After completing this lesson, you will be able to:
• Technically complete a maintenance task
Lesson 1: SAP GUI-based Process

**Lesson Objectives**
After completing this lesson, you will be able to:

- Outline the SAP GUI-based Corrective Maintenance Process
- Run the process of corrective maintenance via SAP GUI
- Explain the differences between usage of Fiori Launchpad and SAP GUI

Lesson 2: Check and Release Order

**Lesson Objectives**
After completing this lesson, you will be able to:

- Check and release orders using SAP GUI
- Run availability checks for material
- Explain and use standard capacity planning
- Explain and use permits
- Release maintenance orders

Lesson 3: Execute, Confirm and Complete Orders

**Lesson Objectives**
After completing this lesson, you will be able to:

- Execute, Confirm and Complete Orders using SAP GUI
- Execute a maintenance order - withdrawing required material
- Confirm a maintenance order
- Complete a maintenance order

Lesson 4: Processing External Services

**Lesson Objectives**
After completing this lesson, you will be able to:
• Outline how to plan and process external services
Lesson 1: Prerequisites in Materials Management

Lesson Objectives
After completing this lesson, you will be able to:

● Outline the prerequisites of materials management

Lesson 2: Refurbishing Spare Parts Internally

Lesson Objectives
After completing this lesson, you will be able to:

● Explain how to refurbish spare parts internally

Lesson 3: Refurbishing Spare Parts Externally

Lesson Objectives
After completing this lesson, you will be able to:

● Explain how to refurbish spare parts externally
Lesson 1: Outlining Preventive Maintenance

Lesson Objectives
After completing this lesson, you will be able to:

• Explain the preventive maintenance process

Lesson 2: Maintenance Task List

Lesson Objectives
After completing this lesson, you will be able to:

• Describe the use of maintenance task lists

Lesson 3: Maintenance Plans

Lesson Objectives
After completing this lesson, you will be able to:

• Describe maintenance plans

Lesson 4: Scheduling Maintenance Plans

Lesson Objectives
After completing this lesson, you will be able to:

• Outline how to schedule maintenance plans
Lesson 1: Project-Oriented Maintenance

Lesson Objectives
After completing this lesson, you will be able to:

- Describe Project-Oriented Maintenance
Lesson 1: Mobile Maintenance

Lesson Objectives
After completing this lesson, you will be able to:

- Describe maintenance using mobile and supporting Fiori apps
Lesson 1: Analytics

Lesson Objectives
After completing this lesson, you will be able to:

• Describe analytics for asset management
Lesson 1: Implementation

Lesson Objectives
After completing this lesson, you will be able to:

• Describe IMG and customizing