S4130

Business Processes in SAP S/4HANA Asset Management

COURSE OUTLINE

Course Version: 20
Course Duration:

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	*Example text*
Window title	*Example text*

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Project Manager
- Industry / Business Analyst Consultant
- Super / Key / Power User

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UNIT 1 Solutions and Deployment

Lesson 1: Solutions and Deployment

Lesson Objectives

After completing this lesson, you will be able to:

- Gain an overall picture of SAP Solutions and deployment models

Lesson 2: SAP Activate & Best Practices

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP Activate & Best Practices

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UNIT 2 UI and UX

Lesson 1: UI Clients and Technologies

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the UX Strategy and UI Clients and Technologies

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UNIT 3 Organizational Levels

Lesson 1: Understanding 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

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UNIT 4 Technical Objects

Lesson 1: Understanding 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
- Display an equipment
- Display a serial number

Lesson 3: Bills of Materials (BOMs)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how BOMs are used in plant maintenance
- Assign BOMs to technical objects

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UNIT 5 Maintenance Processing - Standard

Lesson 1: Modelling Maintenance Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to model Maintenance Processing

Lesson 2: Creating 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 3: Creating Orders

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 4: Planning Material and Services

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Planning Material and Services

Lesson 5: Resource Scheduling for Asset Management

Lesson Objectives

After completing this lesson, you will be able to:

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- Describe Resource Scheduling

Lesson 6: Checking and Releasing Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Check required resource and release order
- Select maintenance orders.
- Approve and release maintenance orders.

Lesson 7: 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 8: 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 9: Completing Notifications and Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Technically complete a maintenance task

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UNIT 6 Maintenance Processing - Simplified

Lesson 1: Outlining Simplified Maintenance Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how the SAP Fiori app Report and Repair Malfunction can be used for simplified breakdown maintenance processing

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UNIT 7 Maintenance Processing - Phase-Based

Lesson 1: Phase-based Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Phase-based Maintenance

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UNIT 8 Maintenance Processing - SAP GUI

Lesson 1: Planning and Executing Maintenance Tasks via SAP GUI

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

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UNIT 9 Refurbishment of Spare Parts

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

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UNIT 10 Preventive Maintenance

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

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UNIT 11 Inspection Checklists

Lesson 1: Inspection Checklists

Lesson Objectives

After completing this lesson, you will be able to:

- Use Inspection Checklists

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UNIT 12 Mobile Maintenance

Lesson 1: Mobile Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe mobile maintenance

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UNIT 13 Analytics

Lesson 1: Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Describe analytics for asset management

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