

PLM300

Business Processes in Plant Maintenance

COURSE OUTLINE

Course Version: 16

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	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

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

Lesson 1: Deployment Models and Solutions

Lesson Objectives

After completing this lesson, you will be able to:

- name the different system deployment options

Lesson 2: Overview Asset Management

Lesson Objectives

After completing this lesson, you will be able to:

- outline the concept of Asset Management

Lesson 1: UI Clients and Technologies

Lesson Objectives

After completing this lesson, you will be able to:

- outline the available UI clients and technologies

Lesson 2: SAP UX Strategy

Lesson Objectives

After completing this lesson, you will be able to:

- explain the term User Experience (UX)
- explain the SAP UX strategy

Lesson 1: Checking Organizational Levels in Plant Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Define the organizational levels in Plant Maintenance
- Outline the role of a work center in Plant Maintenance

Lesson 1: Checking Functional Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Structure technical systems
- Check a functional location

Lesson 2: Managing Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Create equipment
- Install equipment

Lesson 3: Assigning Bills of Material (BOMs) to Technical Objects

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: Alternatives of Maintenance Processing

Lesson Objectives

After completing this lesson, you will be able to:

- describe the alternatives of Maintenance Processing

Lesson 1: Planning Breakdown Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the process of breakdown maintenance
- Plan breakdown maintenance

Lesson 2: Processing a Breakdown Maintenance Order

Lesson Objectives

After completing this lesson, you will be able to:

- Enter a time confirmation
- Enter a technical completion

Lesson 1: Outlining Corrective Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the corrective maintenance process

Lesson 2: Creating Notifications of Maintenance Requirements

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 Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Describe maintenance orders
- Create maintenance orders

Lesson 4: Planning of Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Plan material in maintenance orders

Lesson 5: Using Visual Enterprise Documents

Lesson Objectives

After completing this lesson, you will be able to:

- Use visual documents

Lesson 6: Processing External Services

Lesson Objectives

After completing this lesson, you will be able to:

- Outline external services
- Process an external service with individual purchase order (PO)
- explain the process of an external service with external service management
- Process an external service with an external work center

Lesson 7: Analyzing Planned Costs of Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze planned costs of maintenance orders

Lesson 8: Planning of Maintenance Orders for Operation Account Assignment (OAA)

Lesson Objectives

After completing this lesson, you will be able to:

- Plan costs for operation account assignment

Lesson 9: Selecting Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Select maintenance orders

Lesson 10: Planning Materials and Capacity for Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Check material availability
- Check capacity planning

Lesson 11: Releasing and Printing of Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Approve and release maintenance orders

Lesson 12: Executing Maintenance Tasks with SAP GUI

Lesson Objectives

After completing this lesson, you will be able to:

- Withdraw stock material

Lesson 13: Confirming and Technically Completing Maintenance Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Confirm a maintenance order
- Enter a technical completion

Lesson 1: Web-based Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Execute maintenance tasks in NWBC
- Apply worker safety

Lesson 1: Checking Prerequisites in Materials Management (MM)

Lesson Objectives

After completing this lesson, you will be able to:

- Check the prerequisites for refurbishment in MM

Lesson 2: Refurbishing Spare Parts Internally

Lesson Objectives

After completing this lesson, you will be able to:

- Describe internal refurbishment processing
- Process a refurbishment order

Lesson 3: Refurbishing Spare Parts Externally

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process of external refurbishment of spare parts

Lesson 1: Outlining Preventive Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the process of preventive maintenance

Lesson 2: Checking the Maintenance Task List

Lesson Objectives

After completing this lesson, you will be able to:

- Create a maintenance task list
- Check a maintenance task list

Lesson 3: Creating Maintenance Plans

Lesson Objectives

After completing this lesson, you will be able to:

- Create maintenance plans
- Create strategy plans

Lesson 4: Scheduling Maintenance Plans

Lesson Objectives

After completing this lesson, you will be able to:

- Schedule maintenance plans

Lesson 1: Outlining Project-Oriented Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- Explain conventional project-oriented plant maintenance
- Create project-oriented plant maintenance plans with maintenance event builder (MEB)

Lesson 1: Mobile Maintenance

Lesson Objectives

After completing this lesson, you will be able to:

- describe the current mobile applications
- describe the supported mobile maintenance processes

Lesson 1: Analyzing Maintenance History with the Logistic Information System (LIS)

Lesson Objectives

After completing this lesson, you will be able to:

- Analyze the maintenance history
- Analyze the LIS

Lesson 2: Evaluating Plant Maintenance with SAP Business Warehouse (SAP BW)

Lesson Objectives

After completing this lesson, you will be able to:

- Outline SAP NetWeaver BW
- Outline evaluations in the SAP NetWeaver BW

Lesson 3: SAP BO and Future Development

Lesson Objectives

After completing this lesson, you will be able to:

- explain the concept of SAP Business Objects (BO)
- outline the future development of Reporting and Analytics

Lesson 1: Outlining SAP Enterprise Asset Management Customizing Implementation

Lesson Objectives

After completing this lesson, you will be able to:

- Outline Customizing in SAP Enterprise Asset Management