PLM100

Life-Cycle Data Management: Overview

COURSE OUTLINE

Course Version: 15
Course Duration: 5 Day(s)
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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:

- Application Consultant
- Program/Project Manager
- Super / Key / Power User
Lesson 1: Overview of Life-Cycle Data Management

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

- Identify the components of SAP Life-Cycle Data Management
- Describe the situation at different companies before they implement the SAP Life-Cycle Data Management solution
- Explain the benefits of SAP LDM
Lesson 1: Document Management

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

• Handle a document info record
• Use a document status network
• Create object links to other SAP objects
• Release a document info record

Lesson 2: SAP PLM Interface

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

• Name the benefits of PLM interface with Engineering Control Center
Lesson 1: Material Master

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

- Define the data required to create a material master record
- Create a material master from an engineering point of view
- Use the material status for different purposes
- Name the advantages of a user-specific material master record

Lesson 2: Bill of Material

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

- Define a material BOM
- Explain the different BOM usages
- List the differences between a group BOM and a plant-specific BOM
- Illustrate the differences between BOMs with a report

Lesson 3: Classes and Characteristics

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

- Define characteristics and classes
- Classify the master data for the engineering process
- Search for master data with the classification

Lesson 4: Product Structure Browser

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

- Use the product structure browser as a central information tool
• Name the different functions in the browser
Lesson 1: Work Center
Lesson Objectives
After completing this lesson, you will be able to:
- Explain the term "work center" and how it is related to routings
- Explain the significance of work centers

Lesson 2: Routing
Lesson Objectives
After completing this lesson, you will be able to:
- Explain a routing
- Explain the relation between work center and routing
- Explain the relation between routing and material BOM

Lesson 3: Engineering Workbench
Lesson Objectives
After completing this lesson, you will be able to:
- Name the advantages of using an engineering workbench as the common interface for routings and BOMs

Lesson 4: Variant Configuration
Lesson Objectives
After completing this lesson, you will be able to:
- Explain a variant configuration process on the basis of a sales order
- List the functions and elements of variant configuration
- Process complex products using variant configuration

Lesson 5: Integrated Product Engineering (IPE)
Lesson Objectives
After completing this lesson, you will be able to:

- Provide an overview of the Integrated Product Engineering functions
- Display data in the IPE workbench
Lesson 1: Engineering Change Management

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

- Use engineering change management
- Name the different types of validity in engineering change management
- List the advantages of a revision level or release key

Lesson 2: Replication Management

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

- List the advantages of product replication
- Use product replication
Lesson 1: Master Data Governance

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

- give an overview on MDG scenarios
- explain MDG process for material
Lesson 1: PLM Web UI: Overview
Lesson Objectives
After completing this lesson, you will be able to:

- Explain the main features of the NetWeaver Portal and Business Client
- List the benefits of the PLM Web UI
- Work with the PLM Web UI

Lesson 2: PLM Web UI: Master Data
Lesson Objectives
After completing this lesson, you will be able to:

- Work with Master Data inside PLM Web UI

Lesson 3: PLM Web UI: Additional Objects
Lesson Objectives
After completing this lesson, you will be able to:

- Work with the Object Search
- Use the Object Navigator as a central navigation instance.
- Understand the benefits of Guided Structure Synchronization
- Explain the new Access Control Management

Lesson 4: Visual Enterprise Overview
Lesson Objectives
After completing this lesson, you will be able to:

- give an overview of visual enterprise viewer and author
Lesson 1: Screen Personas
Lesson Objectives
After completing this lesson, you will be able to:
• give an overview about the benefits of SAP Screen Personas

Lesson 2: Menu paths
Lesson Objectives
After completing this lesson, you will be able to:
• define the frequently used menu paths and transactions

Lesson 3: Glossary
Lesson Objectives
After completing this lesson, you will be able to:
• explain relevant expressions in the area of LDM