

# PLM100

## Life-Cycle Data Management: Overview

### COURSE OUTLINE

Course Version: 15

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.

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:

- 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