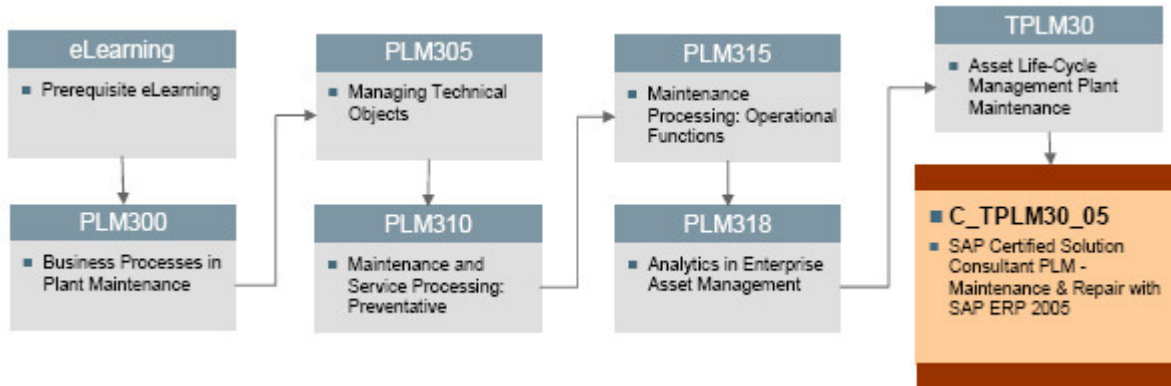


PLM – Enterprise Asset Management (PM)



Course Description: SAP Overview

Course: SAP01

Course Version: 062

Prerequisites

Essential

- Working knowledge of Microsoft Office and Internet browsers

Recommended

- Basic knowledge of operational business processes

Duration

- 3 days

Goals

- Explain the terminology used at SAP
- Provide an overview of SAP's business solutions
- Develop the baseline SAP product knowledge necessary for participation in more detailed SAP courses

Audience

- Project Team Members involved in organizing and planning an SAP implementation
- Any SAP beginner interested in acquiring a basic overview of SAP solutions

Software

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- ERP ECC 6.0
- SEM 4.0
- BW 3.5

Content

- mySAP Business Suite
- SAP NetWeaver incl. Business Information Warehouse, Exchange
- Infrastructure and Enterprise Portals
- mySAP ERP (Enterprise Resource Planning) incl. Financials, Human Capital Management, Logistics and Operations, and Analytics and Planning
- mySAP Customer Relationship Management
- mySAP Supply Chain Management .
- mySAP™ Supplier Relationship Management
- mySAP Product Lifecycle Management
- mySAP Small and Midsize Business
- mySAP xApps

Notes

- The course includes several practical exercises using the mySAP ERP component (esp. ECC5.0, BW, SEM). It also presents additional components.
- Please note that the course also takes the functions of ERP Release R/3 4.6C and SAP R/3 Enterprise into consideration.

Course Description: Management Empowered by SAP ERP

Course: ERP001

Course Version: 062

Prerequisites

Essential

- None

Recommended

- First Experience in SAP Navigation (covered i.e. by e-learning SAP125 [SAP Navigation 2005](#).)
- Overview of SAP Business Solutions (covered i.e. by e-learning SAP130 [Solutions Powered by SAP or classroom course SAP01 SAP Overview](#))

Duration

-

Goals

- Explain how SAP ERP streamlines and accelerates the business processes of a typical organization.
- Provide an overview of SAP ERP and its components relevant for Managers, Business and Strategy Consultants.
- Explain how SAP ERP, powered by SAP NetWeaver, enables integration of various business processes and solutions.

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- Explain how SAP ERP assists an organization in making informed business decisions with accurate data reporting and analytics.
- Explain how SAP NW BI Business Planning and Simulation (SAP BW- BPS) assists in strategic and operational planning and decision making.
- Give examples of how SAP ERP Operations increases employee productivity.

Audience

- Executives and Managers
- Business & Strategy Consultants
- People interested in SAP ERP
- Client Cross Functional Users
- Project Team Members
- Super Users

Software

- SAP ERP 6.0, SAP NW 7.0

Content

- SAP ERP - Overview, positioning and components
- SAP ERP powered by SAPNetWeaver and its components
- Highlighted Analytics & Reporting functionality in BW and SEM for improved business decision making and control
- Strategic Business Planning in BW-BPS and Planning Integration aspects with other components
- Highlight how SAP ERP helps to increase the user productivity by decreasing efforts through automation, centralization and standardization. This will be explained with several examples like e- Procurement, RFID and Mobile Sales

Notes

- Course length approximately: 4 hours, inexperienced users might need more time

ERP040 - Management Empowered by mySAP ERP Logistics and Operations

Course Version: 052

Duration: 4 hours

Delivery Type

- E-Learning

Audience

- Executives and Managers
- Business Consultants
- People interested in overview of mySAP ERP

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- Client Cross Functional Users
- Project Team Members
- Super Users

Prerequisites:

Essential

- None

Recommended

- First Experience in SAP Navigation (covered i.e. by e-learning SAP125 SAP Navigation 2005)
- Overview of SAP Business Solutions (covered i.e. by e-learning SAP130 Solutions Powered by SAP)
- Overview of mySAP ERP (covered i.e. by e-learning ERP001 Management Empowered by mySAP ERP)

Goals

- Describe the key benefits and capabilities of logistics and operations management in mySAP ERP.
- Provide an overview of all logistical functions in mySAP ERP and the key capabilities delivered with mySAP ERP.
- Explain how operational efficiencies can be improved through the use of worklists and interactive forms with mySAP ERP.
- Describe the tools available in mySAP ERP to maintain master data consistency throughout an organization.
- Summarize the capabilities of mySAP ERP that help address customer satisfaction and gain efficiency in the product development process.
- Describe the additional capabilities that could be used to make the procurement processes in mySAP ERP more efficient.
- Give examples of the analytics that are available in mySAP ERP to manage daily operations and strategic evaluations.

Course Based on Software Release

- mySAP ERP
- MDM 3.0
- CPROJECT 3.1

Content

- Key processes supported with ERP Operations:
 - Procurement
 - Inventory and Warehouse Management
 - Outbound and Inbound Logistics
 - Transportation and Foreign Trade
 - Production Planning and Manufacturing Execution
 - Enterprise Asset Management
 - Lifecycle Data Management
 - Sales Order Management
 - After Market Sales and Service (Customer Service)
- Key capabilities delivered with ERP:

- Plant Manager worklist
- Purchasing agent worklist
- Master Data Management (MDM)
- Easy Document Management (DMS)
- Recipe Management
- RFID
- cProject Suite
- Self service procurement
- Interactive request forms

Notes

- Course length: 4 hours

Course Description: Overview of the SAP PLM solution

Course: SAPPLM

Course Version: 052

Prerequisites

Essential

- Experience of using graphical user interfaces (such as Microsoft Windows)
- Basic business knowledge

Recommended

- None

Duration

- 2 days

Goals

- Participants obtain an overview of the basic mySAP PLM functions. The training course provides basic knowledge that can be used to effectively take part in the decision making when introducing mySAP PLM.

Audience

- Decision makers, managers
- Project managers and teams from mySAP PLM introduction

Software

- ERP ECC 5.0

Content

- Overview of SAP PLM with the key areas:
 - Program and Project Management & Safety
 - Life-Cycle Data Management
 - Life-Cycle Collaboration
 - Enterprise Asset Management
 - Quality Management
 - Environment, Health, & Safety

Notes

- The training course provides a general overview. Further basic knowledge can be gained from the corresponding overview training courses for each of the key areas. Detailed knowledge and settings (for example, individual functions and Customizing activities) are dealt with in subsequent training courses.

SAP230 - SAP Plant Maintenance Overview

Course Version: 051

Duration: 8 hours

Delivery Type

- E-Learning

Audience

- Those new to SAP
 - Project team
 - End users
 - SAP consultants
- Super users (particularly who need to learn another business process outside their specialty)
- IT business analysts

Prerequisites:

Essential

- SAP e-Learning Advisor
- Solutions Powered by SAP
- SAP Basic Navigation Features

Recommended

- Basic knowledge of Maintenance functions and terms
- Working knowledge of Microsoft office and internet browsers

Goals



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- Make informed business decisions that are founded on a conceptual understanding of SAP's Plant Maintenance business solution
- Bring your SAP Plant Maintenance product knowledge to a baseline level that will enable you to participate effectively in more detailed courses.

Course Based on Software Release

Content

- Plant Maintenance Overview
- Maintenance Requests
- Planning Work Orders
- Executing Work Orders
- Completing Work Orders and Maintenance Requests
- Analyzing Maintenance Costs

Notes

- Course length: 8 hours

Course Description: Business Processes in Plant Maintenance

Course: PLM300

Course Version: 062



Goals

- This training course provides an overview of Plant Maintenance in the larger context of Enterprise Asset Management as part of the SAP solution portfolio.
- It introduces the basic business processes involved in Plant Maintenance, as well as how these are mapped in the SAP system.
- Furthermore, it demonstrates the most important aspects of integration with other SAP applications.

Audience

- Project manager
- Project team

Software

- ERP ECC 6.0

Content

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- Organization of Plant Maintenance
- Technical objects
- Maintenance due to malfunctions
- Predictive maintenance
- Refurbishment of spare parts
- Predictive Plant Maintenance (maintenance planning)
- Project-based Plant Maintenance (brief overview)
- Work clearance management (brief overview)
- Mobile solutions (brief overview)
- Reporting and evaluations

Notes

- This training course is an essential prerequisite for the following advanced Plant Maintenance courses.
- The Enterprise Asset Management area within the mySAP ERP solution is a further development of the R/3 Plant Maintenance (PM) component.
- However, customers with R/3 Releases 4.6C and Enterprise 4.7 can participate in Enterprise Asset Management courses below releases mySAP ERP 2004 and mySAP ERP 2005 without problem.

Course Description: Managing Technical Objects

Course: PLM305

Course Version: 062



Prerequisites

Essential

- PLM300 Business Processes in Plant Maintenance

Recommended

- None

Duration

- 2 days

Goals

- SAP training course PLM305 explains in detail the structure of object and asset structures in the Enterprise Asset Management area, which form the backbone for processing Plant Maintenance and service measures.
- All of the necessary Customizing settings are also shown.

Audience

- Project manager

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- Project team

Software

- ERP ECC 6.0

Content

- Functional locations (further functions)
- Equipment (further functions)
- Classification
- BOMs and assemblies
- Serial numbers
- Measuring points and counters

Notes

- The short description above is valid as of Q2/2006. In Q1/2006, the course is offered as the three-day previous version of the mySAP ERP2004 software.
- The Enterprise Asset Management area within the mySAP ERP solution is a further development of the R/3 Plant Maintenance (PM) component.
- However, customers with R/3 Releases 4.6C and Enterprise 4.7 can participate in Enterprise Asset Management courses below releases mySAP ERP 2004 and mySAP ERP 2005 without problem.

Course Description: Maintenance and Service Processing: Preventative

Course: PLM310

Course Version: 062

Prerequisites

Essential

- PLM300 [Business Processes in Plant Maintenance](#)

Recommended

- None

Duration

- 3 days

Goals

- This training course provides a detailed overview of the business processes involved in preventative maintenance and service processing.

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- It focuses on time-based and performance-based maintenance planning in the area of Enterprise Asset Management.
- Participants also learn about specific areas such as the integration between Plant Maintenance and Quality Management, or the procurement of services based on the maintenance plan.

Audience

- Project manager
- Project team

Software

- ERP ECC 6.0

Content

- Routing management
- Maintenance planning with a cycle
- Maintenance planning with a strategy – time-based
- Maintenance planning with a strategy – performance-based
- Maintenance planning with cycles of a different dimension
- Selling services based on a maintenance plan
- Stateful maintenance
- Measurement and test equipment management based on a maintenance plan

Notes

- The Enterprise Asset Management area within the mySAP ERP solution is a further development of the R/3 Plant Maintenance (PM) component.
- However, customers with R/3 Releases 4.6C and Enterprise 4.7 can participate in Enterprise Asset Management courses below releases mySAP ERP 2004 and mySAP ERP 2005 without problem.

Course Description: Maintenance Processing: Operational Functions

Course: PLM315

Course Version: 062

Prerequisites

Essential

- PLM300 [Business Processes in Plant Maintenance](#)

Recommended

- None

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Duration

- 3 days

Goals

- This training course provides participants with all of the basic Customizing settings for maintenance processing.
- It also deals with specific application functions in the area of Enterprise Asset Management.

Audience

- Project manager
- Project team

Software

- ERP ECC 6.0

Content

- Notification (notification types, catalogs, catalog profiles)
- Planning (order type, work center, costing)
- Controlling (checking availability, scheduling, printing)
- Completion (confirmation, settlement, history)

Notes

- The short description above is valid as of Q2/2006.
- In Q1/2006, the previous version of this course is offered for mySAP ERP 2006 without the Maintenance–Controlling function.
- The Enterprise Asset Management area within the mySAP ERP solution is a further development of the R/3 Plant Maintenance (PM) component.
- However, customers with R/3 Releases 4.6C and Enterprise 4.7 can participate in Enterprise Asset Management courses below releases mySAP ERP 2004 and mySAP ERP 2005 without problem.

Course Description: Analytics in Enterprise Asset Management

Course: PLM318

Course Version: 062

Prerequisites

Essential

- PLM300 Business Processes in Plant Maintenance

Recommended

- None

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Duration

- 2 days

Goals

- This course demonstrates how source data is aggregated from different business processes in Enterprise Asset Management and prepared for reports and analyses.
- Participants learn about the uses of different, Plant Maintenance- based queries in the Business Information Warehouse (BW).
- The course also explains how to plan budgets in the Plant Maintenance area using the planning function in BW (BW-BPS).

Audience

- Project manager
- Project team

Software

- ERP ECC 6.0

Content

- Source data
- Updates and staging
- Reports and analyses
- Planning Plant Maintenance budgets

Notes

- The Enterprise Asset Management area within the mySAP ERP solution is a further development of the R/3 Plant Maintenance (PM) component.
- However, customers with R/3 Releases 4.6C and Enterprise 4.7 can participate in Enterprise Asset Management courses below releases mySAP ERP 2004 and mySAP ERP 2005 without problem.

TPLM30 - Asset Life-Cycle Management Plant Maintenance

Course Version: 033

Duration: 5 days

Delivery Type

- Instructor-led Classroom

Audience

- Solution consultants responsible for implementing plant maintenance with mySAP PLM

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Prerequisites:

Essential

- Comprehensive business knowledge of the area of Plant Maintenance
- Attendance of or knowledge of the following customer courses:
- PLM300 Business Processes in Plant Maintenance or LO100
- Instandhaltung
- PLM305 Structuring and Managing Technical Objects or LO805

- Structuring and Managing Technical Objects
- PLM310 Preventive Maintenance and Service or LO810 Preventive Maintenance and Service
- PLM315 Maintenance Processing: Operational Functions or LO815 Maintenance Processing: Operational Functions
- PLM316 Maintenance Processing: Controlling and Reporting Functions
- or LO816 Maintenance Processing: Controlling and Reporting Functions

Recommended

- None

Goals

- Directly apply your knowledge as a junior consultant in a practical context using the SAP knowledge that you gained from the previous courses and acquire in constructing a demo company in this course

Course Based on Software Release

- R/3 4.7

Content

- Directly apply your module knowledge as part of a case study by setting up a model company using given business processes
- In the case study, the project team implements the following processes :
 - Corrective maintenance, preventive, maintenance, refurbishment, controlling of orders
- Preparation for the certification examination
- Certification examination as Solution Consultant PLM – Asset Life- Cycle Management – Plant Maintenance (2003) based on the content of the previous courses and TPLM30 (Asset Life-Cycle Management – Plant Maintenance (Case Study))

Notes

- Participants who have attended the previous courses in SAP R/3 4.6C can learn about the new features of SAP R/3 Enterprise from Delta course D47PM (Delta SAP R/3 Enterprise Plant Maintenance/Customer Service).