

SAP PRODUCT LIFECYCLE MANAGEMENT (PLM) COURSE CONTENT

❖ OVERVIEW OF MY SAP PLM WITH THE KEY FUNCTIONAL AREAS:

- Program and project management
- Life-Cycle Data Management
- Life-Cycle Collaboration
- Enterprise asset management
- Quality management
- Environment, Health & Safety

❖ DOCUMENT MANAGEMENT FUNCTIONS:

- Using the document info record
- Object links to other SAP R/3 objects
- Managing original files
- Storage of Original files in secure areas
- CAD-integration
- Document distribution
- Customizing
- Internet Scenarios

❖ CONFIGURING, MAINTAINING AND USING THE SYSTEM TO CLASSIFY OBJECTS:

- Characteristics maintenance
- Class maintenance
- Object classification
- Options for using the classification system to find objects
- Class hierarchies and characteristic inheritance
- Object dependencies in classification
- Customizing, including maintaining class types and classifiable object types
- Applications of classification

❖ COMPLEX PLANT MAINTENANCE PROJECTS (SUCH AS SHUTDOWNS OR REVISIONS) IN ENTERPRISE ASSET MANAGEMENT:

- Course Content Planning & budgeting Scheduling & capacity planning
- Execution Response to changes Completion and analysis Notes

❖ PLANT MAINTENANCE IN ENTERPRISE ASSET MANAGEMENT AND SAP SOLUTION PORTFOLIO:

- Organization of Plant Maintenance
- Technical objects
- Breakdown maintenance
- Corrective maintenance
- Spare parts
- Preventive maintenance (maintenance plan)
- Project-oriented maintenance (short overview)
- Work clearance management (short overview)
- Mobile solutions (short overview)
- Reporting and analysis

❖ STRUCTURING AND MANAGING TECHNICAL OBJECTS:

- Structuring of Functional Locations
- Using, Classifying and Customizing Equipment
- Usage of Maintenance Bills of Materials

- Customizing for Bills of Material
- Working with and customizing Serial Numbers
- Measuring Points and Counters
- Object Services
- Partners and Addresses
- Status Management
- Warranties

❖ **SCHEDULE WORK AND MAINTENANCE PLANNING:**

- Task List Management & Customizing
- Single Cycle Maintenance Planning
- Maintenance Planning with Strategy: Time-Based Maintenance Strategy
- Strategy Plan Scheduling (Time-Based)
- Maintenance Planning with Strategy: Performance-Based
- Maintenance Plan Scheduling (Performance-Based)
- Maintenance Planning with Cycles of Different Dimensions
- Maintenance-Plan-Based Sales of Services
- Condition-Based Maintenance
- Maintenance-Plan-Based Test Equipment Management

❖ **CUSTOMIZING SETTINGS FOR MAINTENANCE PROCESSING:**

- User Interface: SAP GUI, Enterprise Portal, Mobile Solutions
- Notification Category and Type
- Configuration of the Notification Interface
- Priorities, Field Selection and Object Information
- Catalogs and Catalog Profiles
- Setting up an Order Type, Work Center, Capacity Planning
- Scheduling, Permits, Workflows, Printing
- Material Availability Check
- Completion Confirmation
- CATS

❖ **INTEGRATION BETWEEN MAINTENANCE ORDER PROCESSES AND FINANCIAL AND MANAGEMENT ACCOUNTING:**

- Cost flow in the maintenance process (estimated costs, planned costs, actual costs)
- Period end closing process for maintenance orders including settlement
- Budgeting and cost planning (individual budgets, maintenance projects, investments, maintenance budgets)
- Plant Maintenance Information System (info structure, update)
- Key figures and queries in Business Information Warehouse (BW) relevant to Plant Maintenance

❖ **WORK CLEARANCE MANAGEMENT:**

- Overview of Work Clearance Management
- Asset Structuring
- Work Clearance Management Architecture
- Approval and Permit Process
- Lockout / Tagout Process
- Integration of WCM with Maintenance Processing
- Further functions
- Customizing