

R12.2.9 Oracle Enterprise Asset Management Fundamentals

Oracle E-Business Suite

DURATION

5 Days

MODULES

25 Lectures

COURSE CODE

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Course Overview

This course covers the setup and use of business transactions relating to Oracle Enterprise Asset Management. Labs are validated on the R12.2.9 environment.

What You Will Learn

R12.2.9 Oracle Enterprise Asset Management Overview

- Objectives
- Agenda
- Overview
- Quiz
- Capital Assets
- Rebuildable Inventory
- Quiz
- Asset Maintenance Goals
- Types of Maintenance
- eAM Capabilities
- eAM Functionality
- Managing Assets
- Managing Work
- Executing Work
- Maintenance Budgeting
- Planning in eAM
- Capital Asset or Rebuildable Inventory Performance and Forecasting
- Using eAM for Plants and Facilities
- Complete Enterprise Integration for Your Assets
- Quiz
- Cost Information
- Meter Readings

- eAM Business Flow
- User Roles
- Quiz
- Maintenance User Workbench
- Quiz
- Maintenance Workbench
- Viewing and Managing Your Work
- Viewing Your Work
- Viewing Work Order Details
- Updating Resources
- Collection Plan Details
- Quiz
- Requests
- Purchasing
- Work Relationships
- Overview of Maintenance Super User
- Web-Based User Interface
- Quiz
- Maintenance Home
- Assets
- Assets
- Asset Move Workbench
- Assets
- Capital Asset/Rebuildable Inventory Details
- Hierarchy: Facility Example
- Asset Quality Information
- Quiz
- Configuration History
- Work Requests
- Overview of Work Requests
- Life Cycle of a Work Request
- Quiz
- Creating Work Requests
- Updating Work Requests
- Associated Work Requests
- Work Orders
- Work Order Details
- Managing Operations
- Resource Charging
- Handovers
- Creation of New Operation
- Operation Dependencies
- Complete/Uncomplete Operations
- Material Transactions
- Resource Transactions
- Quality Collection Plans

- Requests
- Purchasing Information
- Work Relationships
- Stores
- Budget Forecasts
- Budget Forecast Details
- Failure Analysis
- Failure Analysis Detail
- Construction Units
- Difficulty Codes
- Construction Estimate
- Construction Estimates
- Safety Management: Isolations
- Safety Management: Work Clearances
- Safety Management: Permits
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Process and Discrete

- Manufacturing
- Objectives
- Agenda
- eAM Process and Discrete Manufacturing
- Organization Setup
- Associating Assets with Production Equipment
- Viewing Resource Usage
- Quiz
- Generating Production Equipment Downtime
- Summary

R12.2.9 Oracle Enterprise Asset Management Setting Up eAM

- Objectives
- Agenda
- eAM Setup Overview
- Organization Setup
- Setting Up Organizations
- Enabling Organizations for eAM
- Defining eAM Parameters
- Quiz
- Event Logging
- Areas
- Resources
- Departments
- Department Approvers
- Miscellaneous Documents
- Lookups

- Quiz
- Category Codes and Sets
- User-Defined Work Order Status
- Asset Groups
- Attributes
- Asset Numbers
- Asset Routes
- Rebuildable Items and Serial Numbers
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Quality Collection Plans

- Objectives
- Agenda
- Overview of eAM Quality
- Quiz
- Collection Elements
- Quiz
- Quality Collection Plans
- Collection Plan Attachments
- Triggering Work
- Entering Quality Results
- Quiz
- Summary

R12.2.9 Oracle Enterprise Asset Management Failure Analysis

- Objectives
- Agenda
- Overview of Failure Analysis
- Quiz
- Setting Up Failure Analysis Codes
- Quiz
- Collecting Failure Information
- Analyzing Failure Information
- Summary

R12.2.9 Oracle Enterprise Asset Management Asset Operation Management

- Objectives
- Agenda
- Overview of Asset Operation Management
- Quiz
- Tracking Asset Operational Statuses
- Setting Up Event and Operational Logging
- Checking In and Checking Out Assets
- Quiz

- Logging Asset Operations
- Viewing Asset Operations
- Purging Event Log
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Work Management

- Objectives
- Agenda
- Overview of eAM Work Management
- Work Requests
- Life Cycle of a Work Request
- Quiz
- Overview of eAM Work Orders
- Work Order Status Lifecycle
- Release Approval Process
- eAM Work Orders
- Routine Work Orders
- Express Work Orders
- Quiz
- Preventive Maintenance Work Orders
- Rebuild Work Orders
- Maintenance Bills of Material
- Operations and Tasks
- Material Requirements
- Resource Requirements
- Defining Work Order Documents
- Asset Bills of Material
- Activities
- Activity Association
- Activity Workbench
- Quiz
- Maintenance Routes
- Work Order Relationships
- Quiz
- Using the Maintenance Workbench
- Summary

R12.2.9 Oracle Enterprise Asset Management Stores

- Objectives
- Work Order Transactions
- Transacting Material
- Material Transaction Accounting
- Stores
- Quiz
- Stores Processes

- Summary

R12.2.9 Oracle Enterprise Asset Management Direct Item Procurement

- Objectives
- Agenda
- Direct Items
- Overview of Direct Item Procurement
- Direct Item Procurement Flow
- Quiz
- Entering Requisitions for Direct Items
- Entering Non-Stock Direct Items
- Creating Purchase Orders
- Quiz
- Accounting Entries Created
- Summary

R12.2.9 Oracle Enterprise Asset Management Charging Time, Operation, and

- Work Order Completion
- Objectives
- Work Order Transactions
- Transacting Resources
- Resource Transaction Accounting
- eAM Work Completion Transactions
- Operation Completion
- Work Order Completion
- Closing Work Orders
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Cost Management

- Objectives
- Agenda
- Overview
- Quiz
- eAM Costing Methods and Mappings
- Cost Management Setup
- Quiz
- eAM Cost Estimation Lifecycle
- Viewing Cost Information
- Cost Rollups
- Transferring Invoice Variances to Maintenance Work Orders
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Contractor Services

- Objectives

- Agenda
- eAM Contractor Services
- Quiz
- Setting Up Outside Service Processing
- Quiz
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Preventive Maintenance

- Objectives
- Agenda
- Overview
- Meters
- Defining Meters
- Using Meter Hierarchy
- Associating Meters with Capital Assets and Rebuildable Inventory
- Entering Meter Readings
- Quiz
- Preventive Maintenance (PM) Scheduling
- Defining Set Names
- Quiz
- Scheduling Types of PM Sets
- Quiz
- Entering PM Scheduling Definitions
- Entering Major PM Scheduling Options
- Entering Base Date and Base Meter
- Entering Multiple Activity PM
- Example: Schedule Based On
- Example
- Defining Suppression Activities
- Generating Work Orders
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Planning and Scheduling

- Objectives
- Agenda
- Overview of eAM Planning and Scheduling
- eAM Scheduling
- Defining Scheduling Rules for Work Order Relationships
- Using the Scheduler Workbench
- Quiz
- eAM Planning
- Material Requirements Planning
- Defining a Master Demand Schedule Name
- Defining MRP Names
- Defining Plan Options

- Launching the MRP Planning Process
- Viewing Suggested Demand
- Advanced Supply Chain Planning
- Collections
- Collections: Collections Process
- Collections: Data Collection
- Collections: Parameters
- Collections: Planning Data Pull Parameters
- Collections: Planning ODS Load Parameters
- Collections: Workbench
- ASCP Planning: Load directly into ASCP
- ASCP Planning: Planner Workbench
- Viewing Suggested Demand
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Reports and Processes

- Objectives
- Agenda
- eAM Reports
- Activity Cause Report
- Activity Cause Report: Output
- Department Actual Cost
- Department Actual Cost: Output
- Work Order Cost
- Work Order Cost Details: Output
- EAM Weekly Schedule
- EAM Weekly Schedule: Output
- Load Production Equipment Maintenance Downtime
- Maintenance Work Order Detail
- Maintenance Work Order Detail: Output
- Material Issue Request Pick List
- Material Issue Request Pick List: Output
- Retrieve Timecard Data from OTL to EAM
- Summary

R12.2.9 Oracle Enterprise Asset Management Safety Management

- Objectives
- Safety Management During Maintenance Activities
- Key Values of Safety Management
- Key Terminology
- Positional Asset
- Permit or Work Permit
- Creating Work Permits
- Work Permits: Business Value
- Isolation

- LOTO – Lock Out and Tag Out
- Work Clearance
- Summary

R12.2.9 Oracle Enterprise Asset Management Budgets and Forecasting

- Objectives
- Budget Forecasts
- Summary

R12.2.9 Oracle Enterprise Asset Management Construction Units

- Objectives
- Construction Units
- Difficulty Codes
- Construction Estimates
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Work Order Billing and

- Capitalization
- Objectives
- Agenda
- Work Order Billing
- Setting Up Parameters
- Setting Up Item Costs and Prices
- Service Attribute Setup
- Creating Billable Items
- Creating a Work Order
- Quiz
- Associating Items and Activities to a Price List
- Initiating Work Order Billing
- Creating an Invoice
- Capitalizing Work Order
- Summary

R12.2.9 Oracle Enterprise Asset Management Asset Move Workbench

- Objectives
- Agenda
- Asset Move Workbench
- Asset Entities Moved
- Asset Entities Not Moved
- Setup and Pre-requisites
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Oracle Time and Labor

- Objectives
- Agenda
- Oracle Time and Labor
- Setting Up the Integration
- Quiz
- Time and Expenses
- Entering Timecard Information
- Extracting Information to eAM
- Executing the Cost Manager Process
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Property Management

- Objectives
- Agenda
- eAM Property Manager
- Setting Up the Integration
- Quiz
- Property Manager Integration
- Quiz
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Service

- Objectives
- Agenda
- Oracle Service Integration Overview
- Quiz
- Setting Up eAM Service
- Quiz
- Creating Maintenance Service Request Types
- Enabling Service Requests for Capital Assets and Rebuildable Inventory
- Creating Service Requests
- Enabling eAM Specific Fields
- Service Requests and eAM Work Orders
- Summary

R12.2.9 Oracle Enterprise Asset Management eAM Project Manufacturing

- Objectives
- Agenda
- eAM Project Manufacturing
- Defining a Project
- Quiz
- Associating a Work Order with a Project

- Quiz
- Creating Requisitions or Purchase Orders
- Updating the Commitments for a Project
- Summary

R12.2.9 Oracle Enterprise Asset Management Linear Assets

- Objectives
- Non Linear and Linear Assets
- Enable Linear Functionality Profiles
- Linear Asset Creation
- Properties, Elements and relationships
- Map Workbench
- Summary