(24A) Oracle SCM Cloud: Maintenance Management Implementation

Oracle Supply Chain Management (SCM) Cloud

DURATION	MODULES	COURSE CODE
1 Days	13 Lectures	—

Course Overview

(24A) Oracle SCM Cloud: Maintenance Management Implementation

What You Will Learn

Maintenance Overview

- Learning Objectives
- Topics
- Maintenance Cloud: An Introduction
- Maintenance Cloud: Plan to Prevent
- Maintenance Cloud: Key Benefits
- Maintenance Cloud: Key Features
- Maintenance Cloud: Comprehensive Support for Maintainable Assets
- Maintenance Cloud: Setup of Maintenance Organizational Data
- Topics
- Maintenance Management: Single Sign-On
- Maintenance Management Work Area: Navigation
- Maintenance Management Landing Page: Infolets
- Maintenance Tasks
- Use Deep Links to Speed Navigation
- Summary

Maintenance Setup

- Learning Objectives
- Topics
- Overview of Maintenance Setup
- Managing Work Definitions
- Setup and Work Definition
- Topics

- Inventory Organization Setup Detail
- Plant Parameters: Plant Details Tab
- Plant Parameters: Work Definition and Work Execution Tabs
- Plant Parameters: Maintenance Programs Tab
- Maintenance Plant Profile Options Setup Detail
- Manage Lookups for Maintenance
- Considerations for Setup
- Work Area Setup Detail
- Resources Setup Detail
- Resource Instances
- Work Centers Setup Detail
- Work Centers – Resource Availability Setup Detail
- Overview of Maintenance Organization Data
- Using Standard Operations in Work Definitions and Work Orders
- Demonstration: 2-1
- Demonstration: 2-2
- Top Implementation Tips
- Summary

Manage Items

- Learning Objectives
- Topics
- Item Terminology
- Topics
- Item and Maintainable Asset
- Topics
- Creating Items for Maintainable Asset
- Creating Maintenance Items Manually
- Assigning Maintenance Items to Organization
- Summary

Manage Work Definitions

- Learning Objectives
- Topics
- Maintenance Work Definitions: Introduction
- Maintenance Work Definitions: Benefits
- Topics
- Creating Maintenance Work Definition
- Creating Maintenance Work Definition: Create New
- Creating Maintenance Work Definition: Create from Existing
- Creating Maintenance Work Definition: Create Operations
- Creating Maintenance Work Definition: Visual Editor
- Work Definition: Operations Editing
- Resequence Work Order Operation: Work Definition
- Work Definition: Operations and Material (Item) Editing

- Work Definition: Resource Editing
- Import Work Definitions Through Spreadsheet
- Practice: 4-1
- Topics
- Work Definition: Managing Versions
- Summary

Manage Assets

- Learning Objectives
- Topics
- Introduction to Asset Definition
- Types of Assets
- Benefits of Asset Definitions
- Asset as Social Object in Oracle Social Network
- Topics
- Creating, Editing, and Managing Assets
- Creating a New Asset Manually
- Creating an Asset From an Existing Asset
- Creating an Asset Automatically
- Creating an Asset via Import/REST
- Create, Edit, and Manage Assets
- Managing an Asset
- Keyword and Saved Search
- Creating, Editing, and Managing Assets
- Edit Asset: Overview
- Create and Fulfill Sales Orders in Dual Units of Measure: Installed Base Asset
- Edit Asset: Last Sales Order Details and Cost Tabs
- Asset Definition: Attributes Overview
- Asset Definition: Location Types and Location
- Asset Hierarchy
- Asset Definition: End Date
- Asset 360 View
- Asset Definition: Maintenance Allowed and Allow New Work Orders
- Asset Definition: Using Favorites
- Asset Definition: Import Updates
- Application Composer
- Asset History
- Connect Your Installed Base Assets and Fixed Assets
- Practice: 5-1
- Topics
- Manage Asset Groups
- Asset Group Rules
- Asset Groups
- Topics
- Manage Assets Using Logical Hierarchy Relationships

- Create Logical Hierarchy Page
- Hierarchy Navigator Page
- Create a Work Order for an Asset from the Asset Hierarchy
- Topics
- Overview of Meters for Assets
- Manage Meters for an Asset
- Defining a Meter Template
- Associating a Meter Template to an Asset
- Recording Meter Readings for an Asset
- View and Edit Reading History
- Practice: 5-2
- Validations at the Time of Entering a New Meter Reading
- Topics
- Integration Architecture
- Assets Enabled for IoT
- Overview of IoT Asset Monitoring Cloud Service
- IoT Asset Monitoring
- Topics
- Mapping Overview
- Defining Service Mapping
- Defining Algorithms
- Summary

Manage Work Orders

- Learning Objectives
- Topics
- Introduction to Work Orders
- Manage Work Orders: User Interface Flows
- Topics
- Managing Maintenance Work Orders
- Manage Maintenance Work Orders: Create
- Edit Work Order: General Information Tab
- Edit Work Order: Operations List Tab
- Operations List: Add Operations and Edit Operation Details
- Resequence Work Order Operation: Work Order
- Edit Operation: Add Operation Items and Edit Item Details
- Edit Work Order: Add Purchased Items
- Edit Work Order: Review Purchased Item Details
- Edit Operation: Add Resources and Edit Resource Details
- Work Order and Operation: Scheduling
- Work Order: Managing Exceptions
- Topics
- Work Order: Picking
- Work Order: Reservation
- Topics

- Viewing Work Order Costs
- Practice: 6-1
- Topics
- Review Incidents in IoT
- Verify Updates to IoT Incidents
- Summary

Maintenance Programs

- Learning Objectives
- Topics
- Overview of Manage Maintenance Programs
- Manage Maintenance Programs: Search UI
- Manage Maintenance Programs: Overview Tab
- Manage Maintenance Programs: Work Requirements Tab
- Manage Maintenance Programs: Work Requirement
- Condition Event-Based Work Requirement
- Manage Maintenance Programs: Create and View Forecast
- Gantt Chart – Due Date Details Region
- Manage Maintenance Forecast Across Organizations
- Manage Preventative Maintenance for Assets Across Organizations
- Practice: 7-1
- Manage Maintenance Programs: Create and View Work Orders
- Practice: 7-2
- Summary

Material Availability Workbench for Maintenance

- Learning Objectives
- Overview of Material Availability Workbench
- Prioritize Work Orders Based on Material Availability Rules
- Material Availability Assignments and Details
- Reassign Available Materials for Work Order Prioritization
- Change the Status of Work Orders Based on Material Availability
- Pick Materials for Work Orders via Material Availability Assignments
- Summary

Manage Work Execution

- Learning Objectives
- Topics
- Introduction to Maintenance Work Execution
- Topics
- Maintenance Dispatch List
- Maintenance Dispatch List: Manual Material and Resource Transactions
- Maintenance Dispatch List: Review Supplier Operation Details
- Maintenance Dispatch List: Create Inspection

- Practice: 9-1
- Topics
- Enable Inspections for Maintenance Work Orders
- Overview of Operation Transaction
- Resequence Work Order Operation: Dispatch List
- Topics
- Use Asset Hierarchy to Create Issues and Returns
- Material Transactions
- Issue or Return Materials for Work Orders Pending Installation or Removal
- Topics
- Resource Transaction
- Topics
- Maintenance Transaction History
- Practice: 9-2
- Topics
- Overview of Maintenance Exceptions
- Exception: Create and Edit: Maintenance Exception Page
- Practice: 9-3
- Summary

Asset Qualification

- Learning Objectives
- Create Qualification Requirements and Profiles
- Create Asset Qualification Record
- Associate Equipment Profile to Operation Resource
- Qualify Equipment When Assigning Work
- Qualify Equipment When Reporting Resource Usage
- Benefits of this Feature
- Additional Information
- Summary

Manage Asset Supplier Warranty

- Learning Objectives
- Topics
- Manage Asset Supplier Warranty
- Manage Supplier Warranty Claims and Entitlements
- Manage Warranty Coverages
- Manage Coverage Search
- Create New Coverage
- Topics
- Manage Warranty Contracts
- Manage Contract Search
- Create, Edit, and View a Contract
- Topics
- Manage Asset Supplier Warranty using Work Orders

- Topics
- Item Purchase, Receipt, and Asset Creation
- Topics
- Managing Maintenance Work Order Execution
- List of Warranty Contracts
- Summary

Predictive Analysis of Asset Health

- Learning Objectives
- Overview of Predictive Analysis of Asset Health
- Metrics, Anomalies, and Predictions
- Evolution of Maintenance Strategies
- Analytics in IoT Applications
- Summary

Overview of Project-Driven Supply Chain

- Overview of Project-Driven Supply Chain
- Project-Driven Supply Chain
- Features of Project-Driven Supply Chain
- Summary of Actions Needed to Use Project-Specific Manufacturing
- Associated Training
- Additional Resources