

R12.2.9 Oracle Inventory Management Fundamentals

Oracle E-Business Suite

DURATION

5 Days

MODULES

12 Lectures

COURSE CODE

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Course Overview

This R12.2.9 OracleInventoryManagement Fundamentals Ed 2 training is ideal for customers who have implemented Oracle E-Business Suite Release 12, 12.1 or R12.2.9. Enrolling in this course will also teach you where OracleInventoryfits in the overall enterprise structure.

What You Will Learn

R12.2.9 Oracle Inventory Overview

- Objectives
- Overview of Oracle Inventory
- Inventory Capabilities
- Receipt to Issue Life Cycle
- Receiving Inventory
- Quiz
- Types of Inventory Receipts
- Transferring Inventory
- Issuing Inventory
- Quiz
- Oracle Inventory Application Integration
- Integration of Oracle Inventory to Financial Module Applications
- Oracle Landed Cost Management
- Defining Process Manufacturing Options Process Manufacturing Tab
- Summary

R12.2.9 Oracle Inventory Organizations

- Objectives
- Setting Up Locations
- Inventory Organizations
- Multi-Organization Structure

- Inventory Parameters
- Organizational Parameters
- Costing Parameters
- Revision, Lot, Serial, and License Plate Number (LPN) Parameters
- ATP, Pick, Item-Sourcing Parameters
- Interorganization Parameters
- Other Account Parameters
- Warehouse Management Parameters (For WMS Only)
- Inventory Organization Structure
- Quiz
- Defining Organizations
- Quiz
- Sample Inventory Organization
- What Is a Subinventory?
- Defining Subinventories
- Locator Control
- Locator Flexfield Structure
- Dynamic and Static Locators
- Quiz
- Subinventory-Locator Relationship
- Interorganization Shipping Networks
- Shipping Method
- Additional Setup Steps
- Quiz
- Additional Organizational Setups
- Copying Inventory Organizations
- Organization Hierarchy
- Organization Reports
- Profile Options
- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Units of Measure

- Objectives
- Units of Measure
- Quiz
- Uses of Units of Measure
- Unit of Measure Class
- Unit of Measure Conversions
- Quiz
- Lot-Level Unit of Measure Conversions
- Units of Measure Setup
- Unit of Measure Reports
- Profile Options
- Organization Parameter Setup

- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Item Fundamentals

- Objectives
- What Is an Item?
- Item Attributes
- Item Attribute Groups
- Steps to Set Up, Define, and Maintain Items
- Item Status
- Item Statuses and Attributes
- Status Attributes and Functionality
- Status Attribute Interdependencies
- Quiz
- Control Levels
- Item Templates
- Creating Item Templates
- Enabling Attributes in a Template
- Item Attribute Relationships
- Unit of Measure Attributes
- Defining Items
- Item Master Organization
- Item Master
- Quiz
- Organization Assignment and Organization Items
- Quiz
- Revision Control
- Restricting Items to Subinventories
- Categories and Category Sets
- Assigning Items to Categories
- Quiz
- Item Catalogs
- Setting Up Serial Tagging Assignments
- Serial Tagging Assignments
- Item Relationships
- Deletion Constraints and Deletion Groups
- Deletion Constraints
- Item Reports
- Profile Options
- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Lot and Serial Control

- Objective
- Overview of Lot Control

- Child Lots
- Setting Up Lot Control (Organization Parameters)
- Quiz
- Lot Number Uniqueness
- Setting Up Lot Control (Item Attributes)
- Managing Lots
- Lot Divisible/Indivisible
- Lot Expiration
- Quiz
- Disabled Lots
- Quiz
- Purging Lot Transactions
- Cycle Counts Under Lot Control
- Physical Inventory Under Lot Control
- Serial Number Overview
- Generating Serial Numbers
- Serial Uniqueness
- Quiz
- Maintaining Serial Numbers
- Serial Genealogy
- Lot Genealogy
- Lot Genealogy Tracking
- Benefits of Lot Genealogy
- Using Global Lot Attributes
- Setting Up Global Lot Attributes
- Updating Global Lot Attributes
- Lot and Serial Reports
- Profile Options
- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Transaction Setup

- Objectives
- Accounting Periods
- Transaction Managers
- Running Transaction Managers
- Overview of Inventory Transactions
- Inventory Transactions
- Transaction Source Types
- Transaction Types
- Transaction Action
- Transaction Reasons
- Predefined Transaction Types
- Quiz
- Creating Picking Rules

- Quiz
- Inventory Picking Rules
- Picking Rules
- Default Picking Rule (Master Item Setup)
- Account Aliases
- Quiz
- Material Shortage Alerts and Notifications
- Setting Up Shortage Alerts and Notifications
- Profile Options
- Implementation Considerations for Shortage Checks
- Summary

R12.2.9 Oracle Inventory Material Receipt and Transfer

- Objectives
- Inventory Transactions Without Documents or Requisitions
- Inventory Transactions with Documents or Requisitions
- Control Options and Restrictions
- Miscellaneous Transactions
- Subinventory Transfer
- Quiz
- Inter-Organization Direct Shipment
- Inter-Organization Intransit Shipment
- Managing Shipments
- Quiz
- Managing Receipts
- Express Receipts and Receiving Transactions
- Direct Receipts
- Standard Receipt
- Inspection Receipt
- Move Orders
- Setting Up Move Orders
- Quiz
- Move Orders: Process Flow
- Move Order Requisition: Approval Process
- Benefits of Managed Material Flow in a Facility Using Move Orders
- Move Order Source Types
- Move Order Components
- Generate Move Orders
- Move Order Allocating
- Item Allocation
- Transact Move Orders
- Material Allocation Options in Transact Move Orders Window
- Implementation Considerations for Move Orders
- Serial Tagging Transactions
- Mobile Transactions

- Overview of Consigned Inventory
- Main Consignment Terms
- Benefits of Consigned Inventory
- Vendor Managed Inventory (VMI) Material
- Accessing Information About Consigned and Vendor Managed Inventory
- Transferring VMI Material
- Return to Vendor Transactions
- Features of Return to Vendor Transactions
- Process Flow for Returns
- Transactions Reports
- Summary

R12.2.9 Oracle Inventory On-hand and Availability

- Objectives
- Overview of On-hand Quantity
- Overview of Availability
- Quiz
- Material Workbench
- Display Options
- Quiz
- Viewing Available Items with the Material Workbench
- Benefits of Material Workbench
- Material Workbench Transactions
- Overview of Reservations
- Reservation Versus Allocation
- Quiz
- Reservation Types
- Reservations and Supplies
- Supply Types
- Demand Types
- Reserving Material
- Quiz
- Reservation Management – Transfer Supply
- Reservation Management – Transfer Demand
- Using Available to Promise (ATP) Rules (Optional)
- Selecting ATP Default Rule (Optional)
- Uses of ATP in Oracle Inventory
- Formula for Available to Promise (ATP)
- What Are Supply and Demand?
- Specifying Demand Sources
- Specifying Supply Sources
- Defining Computation Options
- ATP Rules: Selecting Accumulation Values
- On-hand and Availability Reports
- Profile Options

- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Material Status

- Objectives
- Overview of Material Status Control
- Material Status
- Quiz
- Setting Up Material Status Control
- Setting Up: Verifying Transaction Type Setup
- Material Status Definition window
- Material Status Definition window: Selecting Planning Attributes
- Material Status Definition window: Selecting Disallowed Transactions
- Material Status Definition window: Allowed to be Disallowed and Disallowed
- Transactions
- Quiz
- Using Cumulative or On-hand Material Status for an Organization
- Cumulative Material Status
- Material Status Definition window: Assigning Usage Levels
- Assigning Material Status to a Subinventory/Locator
- On-hand Material Status
- Advantages of On-hand Material Status
- Setting Up Material Status: Enabling Material Status
- On-hand Material Status: Activating On-hand Level Material Status Tracking
- On-hand Material Status Setting Up: Assigning Material Status to Items
- On-hand Material Status Setting Up: Allowing Different Material Statuses
- Changing the On-hand Material Status
- Quiz
- Disabling Material Statuses
- Entering Material Status for Receipt Transactions
- Quiz
- Performing A Status Update (Under ERES Approval Status)
- ERES Approval: Online and Deferred Mode
- Quiz
- Material Status Reports
- Profile Options
- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Replenishment Fundamentals

- Objectives
- Overview of Inventory Forecasting
- Forecast Types
- Quiz
- Forecast Setup and Maintenance

- Overview of Inventory Planning
- Order Planning
- Quiz
- How Much to Order
- Replenishment Process for Intra-Org Supply Sources
- Replenishment Process for Supplier Supply Sources
- Replenishment Process for Inter-Org Supply Sources
- Replenishment Process for Production Supply Sources
- Replenishment Methods
- Oracle Inventory Replenishment Methods
- Replenishment Method Levels
- Safety Stock
- Economic Order Quantity
- Overview of Reorder Point Planning
- Uses of Reorder Point Planning
- Quiz
- Reorder Point Planning Steps
- Performing Reorder Point Planning
- Overview of Min-Max Planning
- Quiz
- Uses of Min-Max Planning
- Min-Max Planning
- Min-Max Planning: How Much to Order?
- Min-Max Planning Steps
- Item Planning Attributes
- Min-Max Planning Setup Procedure
- Selecting a Planning Level
- Entering Planning Attributes
- Submitting the Min-Max Planning Requests
- Overview of Replenishment Counting
- Uses of Replenishment Counting
- Quiz
- Replenishment Planning Steps
- Subinventories Window
- Item Subinventories Window
- Item Subinventories: Order Modifier Tab
- Replenishment Count Headers
- Replenishment Count Lines
- Processing Replenishment Counts
- Mobile Replenishment Count Overview
- Overview of PAR Counting
- Processing PAR Counts
- Reorder Quantity for PAR Count
- Overview of Kanban Replenishment
- Kanban Cards
- Kanban Planned Items

- Kanban Cards
- Kanban Supply Status
- Kanban Replenishment Sources
- Kanban Card Printing
- Planning and Replenishment Reports
- Profile Options
- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory On-hand Accuracy

- Objectives
- Overview of Inventory Accuracy
- Overview of ABC Analysis
- Quiz
- Defining an ABC Analysis
- Defining and Running an ABC Compilation
- Quiz
- ABC Compilation Criteria
- ABC Valuation Scope
- Defining ABC Groups
- Defining ABC Classes
- Quiz
- ABC Item Assignments
- ABC Assignments API
- Overview of Physical Inventory
- Why Perform Physical Inventories?
- Defining Physical Inventories
- Physical Inventory Tags
- Inventory Snapshots
- Entering Physical Inventory Counts
- Voiding Tags
- Quiz
- Physical Inventory Approval Tolerances
- Physical Inventory Adjustments
- Physical Inventory API
- Overview of Cycle Counting
- Overview of Opportunistic Cycle Counting
- Quiz
- Defining and Maintaining a Cycle Count
- Cycle Count Approval Tolerance
- Approval Tolerances
- Hit/Miss Tolerance
- Measurement Errors
- Cycle Count Items
- Automatic Scheduling

- Manual Scheduling
- Count Requests
- Entering Cycle Counts
- Lot Cycle Counting for a Lot Controlled Item
- Cycle Count Open Interface
- Count Adjustments and Approvals
- Automatic Recounts
- Approving Cycle Counts and Adjustments
- Accuracy Reports
- Profile Options
- Implementation Considerations
- Summary

R12.2.9 Oracle Inventory Appendix

- Objectives
- Building a Workday Calendar
- Enhanced Lot Control
- Enhanced Picking Rules: Applicability
- Enhanced Picking Rules: Sort Criteria
- Enhanced Picking Rules: Criteria
- Enhanced Picking Rules: Assignments You can assign your rule to any combination of criteria the Rules Workbench displays.
- Enhanced reservations
- Consignment Inventory
- Summary