

Warehouse Management System (WMS)

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Warehouse Management System (WMS) Training by Multisoft Systems provides professionals with the knowledge required to manage warehouse operations, inventory movement, order fulfillment, and logistics processes efficiently. The course covers core warehouse functions, inventory control, receiving, picking, shipping, reporting, and automation concepts, helping organizations improve operational accuracy, productivity, and customer service.

Module 1: Introduction to Warehouse Management Systems

- ✓ Warehouse Management Fundamentals
- ✓ Role of WMS in Supply Chain Operations
- ✓ Warehouse Process Lifecycle
- ✓ WMS Architecture and Components
- ✓ Key Business Benefits
- ✓ Industry Applications of WMS

Module 2: Warehouse Structure and Master Data

- ✓ Warehouse Layout Design
- ✓ Warehouse Zones and Locations
- ✓ Storage Types and Bin Management
- ✓ Product and SKU Management
- ✓ Unit of Measure Management
- ✓ Warehouse Master Data Configuration
- ✓ Warehouse Capacity Planning

Module 3: Inbound Logistics and Receiving

- ✓ Inbound Process Overview
- ✓ Purchase Order Receipts
- ✓ Goods Receipt Processing

- ✓ Quality Inspection Procedures
- ✓ Receiving Documentation
- ✓ Exception Handling in Receiving
- ✓ Inbound Performance Monitoring

Module 4: Putaway and Storage Management

- ✓ Putaway Strategies
- ✓ Directed Putaway
- ✓ Storage Optimization Techniques
- ✓ Slotting Concepts
- ✓ Location Assignment Rules
- ✓ Cross-Docking Concepts
- ✓ Storage Utilization Management

Module 5: Inventory Management

- ✓ Inventory Visibility and Tracking
- ✓ Inventory Transactions
- ✓ Stock Status Management
- ✓ Inventory Adjustments
- ✓ Inventory Transfers
- ✓ Lot and Batch Tracking
- ✓ Serialized Inventory Management

- ✓ Inventory Accuracy Best Practices

Module 6: Replenishment Management

- ✓ Replenishment Concepts
- ✓ Fixed Bin Replenishment
- ✓ Demand-Based Replenishment
- ✓ Min-Max Replenishment Strategies
- ✓ Replenishment Planning
- ✓ Replenishment Monitoring
- ✓ Inventory Availability Management

Module 7: Order Fulfillment and Picking

- ✓ Order Processing Workflow
- ✓ Wave Planning
- ✓ Batch Picking
- ✓ Zone Picking
- ✓ Cluster Picking
- ✓ Picking Optimization Techniques
- ✓ Pick Confirmation Processes
- ✓ Exception Management

Module 8: Packing and Shipping Operations

- ✓ Packing Workflows
- ✓ Packing Validation
- ✓ Label Generation
- ✓ Shipping Documentation
- ✓ Carrier Coordination
- ✓ Shipment Consolidation
- ✓ Outbound Processing
- ✓ Delivery Confirmation

Module 9: Inventory Control and Cycle Counting

- ✓ Physical Inventory Concepts
- ✓ Cycle Counting Strategies
- ✓ Inventory Audits
- ✓ Variance Analysis
- ✓ Reconciliation Procedures
- ✓ Inventory Compliance
- ✓ Continuous Inventory Improvement

Module 10: Warehouse Automation Technologies

- ✓ Barcode Technology
- ✓ RFID Systems

- ✓ Mobile Data Collection
- ✓ Automated Storage and Retrieval Systems (ASRS)
- ✓ Conveyor Systems
- ✓ Robotics in Warehousing
- ✓ Warehouse Automation Best Practices

Module 11: Labor and Resource Management

- ✓ Workforce Planning
- ✓ Task Assignment
- ✓ Productivity Monitoring
- ✓ Labor Performance Metrics
- ✓ Resource Allocation
- ✓ Operational Efficiency Improvement
- ✓ Workforce Optimization Strategies

Module 12: Reporting, Analytics, and KPIs

- ✓ Warehouse Reporting Framework
- ✓ Inventory KPIs
- ✓ Order Fulfillment Metrics
- ✓ Warehouse Productivity Metrics
- ✓ Dashboard Configuration
- ✓ Operational Analytics

- ✓ Continuous Improvement Reporting

Module 13: WMS Integration and Best Practices

- ✓ ERP Integration Concepts
- ✓ Transportation Integration
- ✓ Supply Chain Connectivity
- ✓ Data Synchronization
- ✓ Warehouse Process Standardization
- ✓ Implementation Best Practices
- ✓ Industry Case Studies
- ✓ Real-World Warehouse Scenarios