

Manufacturing & Costing (Oracle Fusion Cloud SCM)

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multosoftsystems.com



www.multosoftsystems.com

About Multisoft

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About Course

Manufacturing & Costing (Oracle Fusion Cloud SCM) Training is designed to help professionals develop expertise in managing manufacturing operations, production execution, inventory valuation, and product costing within Oracle Fusion Cloud. The course focuses on production planning, work order management, resource utilization, cost accounting, variance analysis, and financial integration. Participants will gain practical knowledge of how manufacturing and costing processes work together to improve operational efficiency, enhance cost visibility, support accurate financial reporting, and drive informed business decisions across manufacturing environments.

Module 1: Introduction to Oracle Fusion Manufacturing & Cost Management

- ✓ Oracle Fusion SCM Overview
- ✓ Manufacturing and Costing Architecture
- ✓ Manufacturing Business Processes
- ✓ Cost Management Fundamentals
- ✓ End-to-End Process Flow
- ✓ Navigation and User Interface

Module 2: Product Structures and Item Management

- ✓ Item Master Management
- ✓ Product Lifecycle Concepts
- ✓ Bills of Material (BOM)
- ✓ Product Structures
- ✓ Component Management
- ✓ Engineering Changes
- ✓ Item Attributes and Classifications

Module 3: Work Definitions and Resource Setup

- ✓ Work Definition Fundamentals
- ✓ Operation Configuration
- ✓ Resource Definition

- ✓ Resource Assignment
- ✓ Work Center Management
- ✓ Manufacturing Routings
- ✓ Production Resource Planning

Module 4: Manufacturing Execution Management

- ✓ Manufacturing Process Overview
- ✓ Production Planning Integration
- ✓ Work Order Lifecycle
- ✓ Work Order Creation
- ✓ Production Scheduling
- ✓ Shop Floor Execution
- ✓ Manufacturing Monitoring

Module 5: Work Order Management

- ✓ Work Order Processing
- ✓ Material Requirements
- ✓ Resource Allocation
- ✓ Work Order Transactions
- ✓ Production Progress Tracking
- ✓ Work Order Completion
- ✓ Exception Management

Module 6: Material Management in Manufacturing

- ✓ Material Issue and Return Transactions
- ✓ Material Consumption Tracking
- ✓ Component Availability Management
- ✓ Inventory Reservation
- ✓ Backflush Processing
- ✓ Scrap and Rework Handling
- ✓ Material Usage Reporting

Module 7: Production Reporting and Manufacturing Analytics

- ✓ Production Reporting Framework
- ✓ Manufacturing KPIs
- ✓ Throughput Analysis
- ✓ Resource Utilization Monitoring
- ✓ Production Efficiency Metrics
- ✓ Operational Dashboards
- ✓ Manufacturing Performance Improvement

Module 8: Cost Management Fundamentals

- ✓ Cost Management Concepts
- ✓ Cost Organizations

- ✓ Cost Books
- ✓ Cost Profiles
- ✓ Cost Elements
- ✓ Cost Accounting Overview
- ✓ Cost Processing Architecture

Module 9: Product Costing

- ✓ Product Cost Structure
- ✓ Material Costing
- ✓ Resource Costing
- ✓ Overhead Costing
- ✓ Cost Rollup Processes
- ✓ Product Cost Analysis
- ✓ Cost Planning and Estimation

Module 10: Inventory Valuation and Cost Accounting

- ✓ Inventory Valuation Principles
- ✓ Inventory Cost Transactions
- ✓ Cost Distribution Processes
- ✓ Inventory Accounting
- ✓ Cost Recognition
- ✓ Financial Impact Analysis

- ✓ Inventory Cost Reporting

Module 11: Standard Costing and Actual Costing

- ✓ Standard Costing Methodology
- ✓ Actual Costing Concepts
- ✓ Cost Updates and Revisions
- ✓ Cost Adjustment Processes
- ✓ Cost Comparison Techniques
- ✓ Cost Accuracy Management
- ✓ Costing Best Practices

Module 12: Variance Analysis and Cost Control

- ✓ Manufacturing Variance Concepts
- ✓ Material Variance Analysis
- ✓ Labor Variance Analysis
- ✓ Overhead Variance Analysis
- ✓ Production Efficiency Analysis
- ✓ Variance Reporting
- ✓ Cost Reduction Strategies

Module 13: Financial Integration and Period-End Processing

- ✓ Integration with Oracle Financials

- ✓ General Ledger Impact
- ✓ Accounting Entries
- ✓ Cost Accounting Integration
- ✓ Period-End Closing Activities
- ✓ Reconciliation Processes
- ✓ Financial Compliance Considerations

Module 14: Reporting, Analytics, and Decision Support

- ✓ Manufacturing Reports
- ✓ Cost Reports
- ✓ Executive Dashboards
- ✓ Operational Analytics
- ✓ Cost Performance Monitoring
- ✓ Trend Analysis
- ✓ Business Decision Support

Module 15: Implementation and Industry Best Practices

- ✓ Oracle Fusion Manufacturing Implementation Approach
- ✓ Cost Management Configuration Strategy
- ✓ Testing and Validation
- ✓ User Adoption and Change Management
- ✓ Industry Use Cases

- ✓ Common Challenges and Solutions
- ✓ Real-World Project Scenarios
- ✓ Best Practices for Manufacturing and Costing