

# **MB-335 Microsoft Dynamics 365 Supply Chain Management Functional Consultant Expert Training**

*COURSE CONTENT*

## **GET IN TOUCH**



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## About Multisoft

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## About Course

The MB-335 Microsoft Dynamics 365 Supply Chain Management Functional Consultant Expert Training offered by Multisoft Systems is a comprehensive program designed for professionals seeking expertise in Dynamics 365 Supply Chain Management. This course provides in-depth knowledge and skills to configure and implement supply chain processes in Dynamics 365, enabling participants to effectively manage and optimize supply chains.

## Module 1: Configure products

### Implement product information for production

- ✓ Configure planning items, co-products, and by-products for batch orders
- ✓ Configure catch weight handling policies
- ✓ Configure inventory batches, batch attributes, and lot inheritance
- ✓ Manage product compliance including regulated and restricted items
- ✓ Define configuration groups and routes for dimension-based products
- ✓ Manage products with dimension-based, constraint-based, and pre-defined variants
- ✓ Configure bills of materials (BOMs), formulas, and routes to manage scrap

### Implement Product Configurator for Dynamics 365

- ✓ Create and manage product configuration model components and subcomponents
- ✓ Create calculations for product configuration models
- ✓ Differentiate between table and expression constraints
- ✓ Configure BOM lines and route operations for a product configuration model
- ✓ Configure and manage pricing for configuration models
- ✓ Describe the purpose and capabilities of the product configurator
- ✓ Validate, approve, and test product configuration models

### Implement Engineering Change Management

- ✓ Design an engineering product lifecycle
- ✓ Configure engineering categories
- ✓ Configure product readiness policies and product release policies
- ✓ Create an engineering product with engineering attributes
- ✓ Review and accept released products to a local company
- ✓ Add engineering products to a sales order, purchase orders and production orders
- ✓ Schedule and implement engineering change requests and change orders

## Module 2: Configure production prerequisites

### Configure resources, routes, and calendars

- ✓ Implement and manage work calendars and working time
- ✓ Create and configure resource capabilities
- ✓ Implement and manage resources and resource groups
- ✓ Create and manage operations and routes

### Configure production settings and processes

- ✓ Create production units, production groups, production pools, and production journal names
- ✓ Describe integration between general ledger and production control modules
- ✓ Manage reservations in production process, including partial reservations and re-reservations
- ✓ Configure warehouse processes for raw materials picking and finished goods put away
- ✓ Describe unified (mixed mode) manufacturing
- ✓ Configure production control parameters
- ✓ Describe production and batch order process statuses

### Implement costing

- ✓ Configure costing sheets and indirect costs
- ✓ Configure and manage cost groups, costing versions, and cost categories
- ✓ Configure cost allocations for co-products and burden allocation for by-products
- ✓ Configure and perform BOM/formula calculations
- ✓ Activate item prices
- ✓ Describe production posting profiles
- ✓ Describe common sources of production variances
- ✓ View and analyze production and inventory costs

## Module 3: Implement production methods

### Implement discrete manufacturing

- ✓ Create BOM and item configurations
- ✓ Create and process production orders
- ✓ Create and process picking list journals
- ✓ Create and process job card and route card journals
- ✓ Create and process reports as finished journals
- ✓ Reset the status of a production order
- ✓ Describe use cases and configure production-related reservations
- ✓ Implement process manufacturing
- ✓ Configure batch reservations and release to warehouse process
- ✓ Configure consolidated batch order processes
- ✓ Manage batch balancing and batch order sequencing
- ✓ Configure formulas features
- ✓ Create and process report as finished journals with co-products and by-products
- ✓ Create and process batch orders and a rework batch order
- ✓ Create formulas and formula versions

### Implement lean manufacturing

- ✓ Create value streams and production flows
- ✓ Configure production flow costing
- ✓ Create kanban rules
- ✓ Process kanban orders by using kanban boards
- ✓ Create and manage fixed, scheduled, and event kanbans

## Module 4: Configure production control

### Implement subcontracting

- ✓ Describe use cases for subcontracting processes

- ✓ Implement activity-based subcontracting
- ✓ Configure BOM and formula lines, resources, and routes for subcontracting items
- ✓ Create service items for subcontracting
- ✓ Create and process subcontracting purchase orders

## **Implement manufacturing execution**

- ✓ Configure time and attendance prerequisites and activate workers for time registration
- ✓ Identify the capabilities of manufacturing execution
- ✓ Process production and batch orders by using manufacturing execution processes
- ✓ Configure production floor execution interface and job card terminals
- ✓ Calculate and approve time registrations

## **Implement advanced master planning scenarios**

- ✓ Process and view planned orders
- ✓ Configure intercompany master planning
- ✓ Configure forecast models and parameters
- ✓ Run demand forecasting and adjust as appropriate
- ✓ Execute explosion and validate results
- ✓ Describe how supply chain calendars affect master planning

## **Implement production scheduling and capacity planning**

- ✓ Define scheduling parameters
- ✓ View, monitor, and update production schedules
- ✓ Configure capacity for production resources including machines, labor, and tooling
- ✓ Describe infinite and finite scheduling and capacity
- ✓ Describe differences between operations and job scheduling

## **Module 5: Describe and implement additional supply chain management features**

## Describe cloud and edge scale units

- ✓ Describe the value proposition for scale units for warehouse workloads
- ✓ Describe warehouse management processes that can run on a scale unit
- ✓ Describe manufacturing processes that can run on a scale unit
- ✓ Describe use cases for integrating mixed reality technologies with Dynamics 365 Supply Chain Management
- ✓ Describe use cases for Dynamics 365 Guides
- ✓ Describe the process for integrating mixed reality Dynamics 365 Guides with manufacturing processes
- ✓ Describe the process for integrating mixed reality Dynamics 365 Guides with asset management

## Implement Asset Management

- ✓ Configure maintenance plans
- ✓ Configure functional locations
- ✓ Manage maintenance requests
- ✓ Manage work orders consumption
- ✓ Manage work order scheduling