

Microsoft Dynamics 365 Supply Chain Management on Business Central

Course Duration: 40 Hours (5 Days)

Overview

This course provides an in-depth understanding of implementing and managing product information, inventory, supply chain, warehouse, and master planning within Microsoft Dynamics 365 Business Central. Participants will gain hands-on experience configuring product management, inventory control, procurement, warehouse management, and master planning to streamline business operations. The course is structured into five learning paths, covering all critical aspects of Business Central's supply chain functionalities.

Pre-requisites

To maximize learning, participants should have:

- Basic understanding of supply chain management and inventory control principles.
- Familiarity with Microsoft Dynamics 365 Business Central.
- Experience with procurement, warehouse operations, and sales processes is beneficial.
- General knowledge of finance and cost management in a business setting.

Course Syllabus

Learning Path 1: Implement product information management

Module 1: Create and manage products

- Create and release products and product variants
- Create and apply product templates
- Create bills of materials (BOMs) and BOM versions
- Create and configure category hierarchies
- Create product attributes

Module 2: Configure prerequisites for products

- Configure inventory dimensions, including storage, tracking, and product dimension groups

Module 3: Configure additional product details

- Create and assign bar codes and Global Trade Item Number (GTIN) codes
- Configure default order settings
- Configure product filter codes for warehouse operations

Module 4: Manage inventory pricing and costing

- Configure price groups
- Configure items with standard costs
- Configure default item prices, purchase and sales prices, and discounts in trade agreements

Learning Path 2: Implement inventory and asset management

Module 1: Configure inventory management

- Configure inventory management parameters
- Configure inventory reports
- Configure the cost basis type and pricing template for commodity pricing

Module 2: Manage and process inventory activities

- Create and process journals, including BOMs, item arrival, output order, transfer, movement, inventory adjustment, and counting journals
- Create and process transfer orders
- Manage the inventory closing and adjustment process
- Configure and perform inventory closings and adjustments
- Apply inventory blocking manually

Learning Path 3: Implement and manage supply chain processes

Module 1: Implement procurement and sourcing

- Create and maintain vendors
- Create and manage purchase requisitions, requests for quotation (RFQs), and purchase orders (POs)
- Create purchase agreements
- Manage over and under deliveries and delivery schedules
- Create and process vendor returns
- Manage registration and product receipt
- Configure procurement workflows

Module 2: Implement common sales and marketing features

- Create and maintain customers
- Configure sales agreements
- Configure and process sales quotations, sales orders, reservations, and sales returns
- Configure sales groups and commissions
- Configure and process intercompany orders
- Configure and manage delivery schedule, available-to-promise (ATP), and capable-to-promise (CTP)

Learning Path 4: Implement warehouse management and transportation management

Module 1: Configure warehouse management

- Create sites, warehouses, locations, location profiles, and zones
- Create and manage warehouse workers

Module 2: Perform warehouse management processes

- Configure and process replenishment
- Manage load planning workbench
- Configure and process inventory movements for advanced warehousing
- Create cycle counting work and perform cycle counting
- Configure and process cross docking

Module 3: Implement transportation management

- Perform the planning and executing of loads and shipments
- Configure route plans and guides
- Configure route
- Configure and use dock appointment scheduling

Learning Path 5: Implement master planning

Module 1: Configure master planning

- Configure and maintain master planning parameters and master plans
- Define positive and negative days
- Define action messages, delay messages, and time fences

Module 2: Manage master plans

- Run master planning and analyze the results
- Evaluate and process planned purchase and transfer orders
- Set up and use the Supply Schedule form
- Configure safety margins