

# **Microsoft Dynamics 365 Business Central Supply chain management (Basic SCM User)**

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In the Microsoft Dynamics 365 Business Central Supply Chain Management (Basic SCM User) course, you will learn the fundamental concepts of supply chain management within the Business Central platform. You'll gain an understanding of how to manage inventory, including setting up and tracking stock levels, handling purchases, and managing sales orders. The course covers key aspects of procurement processes, such as vendor management, purchase orders, and receiving goods. You will also learn how to manage production orders and track goods through the production process. The course introduces the concept of warehouse management, including setting up locations, bins, and managing stock movements. Additionally, you'll explore how to generate reports related to stock levels, sales orders, and vendor performance. Finally, you'll learn how to integrate these processes to streamline operations and improve supply chain efficiency.

## **Required Prerequisites**

Basic SCM User course typically include a basic understanding of supply chain concepts and processes, such as inventory management, procurement, and order fulfillment. Familiarity with general business operations, particularly in logistics or warehousing, will be helpful. While previous experience with Business Central is not mandatory, some exposure to ERP systems can make learning the platform easier. Basic computer skills and proficiency in spreadsheet tools like Microsoft Excel are also beneficial, as they are often used alongside Business Central for reporting and data analysis. Lastly, a general willingness to learn about business operations and supply chain management within the Dynamics 365 ecosystem is key to succeeding in the course.

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### **Module 1: Inventory Management**

#### Overview

- I. Overview of Inventory Management
- II. Register New Items and work with Bills of Material
- III. Categorize and Manage Item Variants and Attributes
- Set-up of Different Inventory Journals
- I. View the Availability of Items
- II. Reserve Items

- III. Set Up and Track Items Item Tracking with Serial, Lot, and Package Numbers
- IV. Trace Item-Tracked Items
- V. Block Items from Sales or Purchasing
- VI. Work with Responsibility Centers
- VII. Inventory Closing Procedure

**Labs:**

- Set up and assign number series.
- Complete inventory costing setup.
- Make location mandatory and prevent negative inventory.
- Set up Item Categories and Item Attributes.
- Create and configure a new item.

## **Module 2: MANUFACTURING**

- I. Introduction to Manufacturing Module
- II. Production Reports
- Order Creation
  - i. About Production Orders
  - ii. Create Production Orders
- Subcontract Manufacturing
  - i. Post Consumption and Output for One Released Production Order Line
  - ii. Batch Post Consumption
  - iii. Batch Post Output and Run Times
  - iv. Reverse Output Posting
  - v. Post Scrap
  - vi. View the Load in Work and Machine Centres
  - vii. Post Capacities
  - viii. About Finished Production Order Cost

**Labs:**

- Set up Item Card with BOMs and Routing Operations
- Create a Production Order
- Create a Subcontract manufacturing
- Finished Production orders

## **Module 3: ASSEMBLY MANAGEMENT**

- Overview
  - i. Understand Assemble-to-Order and Assemble-to-Stock
  - ii. Set Up Basic Warehouses with Operations Areas
  - iii. Quote an Assemble-to-Order Sale
  - iv. Assemble Items
- Assemble Order
  - i. Sell Items Assembled to Order
  - ii. Sell Inventory Items in Assemble-to-Order Flows
  - iii. Sell Assemble-to-Order Items and Inventory Items Together

- iv. Create Blanket Assembly Orders
- v. Undo Assembly Posting
- vi. Work with Assembly BOMs
- vii. Design Details: Assembly Order Posting

**Labs:**

- Creating a Assembly Item and It's components
- Creating Assembly Order (Stock)
- Creating Assembly order (Sales order)
- Assembly order posting

**Module 4: OPERATIONS**

- OPERATIONS
- Purchase items
- Create quotations
- Convert a quotation into a purchase order
- Receive items associated with a purchase order
- Over-receive items
- Reverse a receipt
- Invoice items
- Review a purchase transaction
- Configure recurring purchase lines
- Sell items
- Create quotations
- Convert a quotation into an order or invoice
- Analyse item availability
- Ship items
- Reverse shipments
- Invoice items
- Configure recurring sales lines
- Post and review a sales transaction
- Order Promising
- Process customer payments
- Process payments to vendors
- Unapply entries
- Reconcile bank accounts
- Process journal entries
- Reverse posted journals
- Financial Transactions
- Process purchase invoices
- Reverse or correct a posted purchase invoice
- Process sales invoices
- Reverse or correct a posted sales invoice

- Combine order shipments for invoicing
- Process payments journals
- Suggest vendor payments
- Unapply entries
- Reverse posted journals
- Describe bank reconciliations
- Create and process journal entries
- Process periodic entries using standard journals
- Inventory Costing
- Create and manage inventory periods
- Describe the inventory batch posting process
- Describe costing methods

### **Labs**

- Create a purchase order.
- Receive items on the purchase order.
- Create a posted purchase invoice from the purchase order.
- Review the posted purchase receipt and invoice.
- Create a purchase return order
- Ship the items
- Create a posted purchase credit memo from the purchase return order
- Create a contact.
- Create a sales quote for a contact.
- Process the quote into an order.
- Partially ship items from the order.
- Create a posted sales invoice from the sales