

KOENIG SOLUTIONS • COURSE OUTLINE

Microsoft Dynamics 365 Business Central Supply Chain Management for Power Users (Comprehensive)

Learn to manage inventory, manufacturing, assembly, purchasing, sales, planning and warehousing in Business Central, with Power Automate and Power BI integration.

9

MODULES

104

TOPICS

COURSE OVERVIEW

This course covers inventory management in Business Central, including item registration, bills of material, item tracking and reservations. It continues through manufacturing, assembly management, purchase and sales operations, financial transactions and inventory costing. It then addresses planning with forecasting and MRP or MPS, warehouse management operations such as receiving, picking and shipping, and closes with workflow-based approvals, Power Automate, Power Apps and Power BI integration.

WHO THIS COURSE IS FOR

Power Users

Inventory Managers

Warehouse Coordinators

Manufacturing Planners

Supply Chain Analysts

Purchasing and Sales Administrators

LEARNING OBJECTIVES

- Register items and work with bills of material
- Set up item tracking with serial, lot and package numbers
- Create and manage production orders
- Configure assemble-to-order and assemble-to-stock flows
- Process purchase and sales quotations, orders and invoices
- Apply inventory costing methods and periods
- Plan production using forecasting and MRP or MPS
- Set up approval workflows and connect Power BI

9 Modules, 104 Topics

00

Introduction to the Business Central

01

Inventory Management

OVERVIEW

- Overview of Inventory Management
- Register New Items and work with Bills of Material
- Categorize and Manage Item Variants and Attributes

SET-UP OF DIFFERENT INVENTORY JOURNALS

- | | |
|--|--|
| ■ View the Availability of Items | ■ Trace Item-Tracked Items |
| ■ Reserve Items | ■ Block Items from Sales or Purchasing |
| ■ Set Up and Track Items Item Tracking with Serial, Lot, and Package Numbers | ■ Work with Responsibility Centers |
| | ■ Inventory Closing Procedure |

02

Manufacturing

TOPICS

- Introduction to Manufacturing Module
- Production Reports

ORDER CREATION

- About Production Orders
- Create Production Orders

SUBCONTRACT MANUFACTURING

- Post Consumption and Output for One Released Production Order Line
- Batch Post Consumption
- Batch Post Output and Run Times
- Reverse Output Posting
- Post Scrap
- View the Load in Work and Machine Centres
- Post Capacities
- About Finished Production Order Cost

03

Assembly Management

OVERVIEW

- Understand Assemble-to-Order and Assemble-to-Stock
- Set Up Basic Warehouses with Operations Areas
- Quote an Assemble-to-Order Sale
- Assemble Items

ASSEMBLE ORDER

- Sell Items Assembled to Order
- Sell Inventory Items in Assemble-to-Order Flows
- Sell Assemble-to-Order Items and Inventory Items Together
- Create Blanket Assembly Orders
- Undo Assembly Posting
- Work with Assembly BOMs
- **Design Details:** Assembly Order Posting

04

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
- Analyze 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

Operations (continued)

INVENTORY COSTING

- Create and manage inventory periods
- Describe the inventory batch posting process
- Describe costing methods

05

Planning

INTRODUCTION

Production Planning · About Planning Functionality · Plan with or without Locations

MANAGING FORECAST

Create a Forecast · Plan for New Demand order by order

LESSON 3: MRP OR MPS

Run Full Planning, MPS or MRP · Re-plan or Refresh Production Orders Directly · Track Relations Between Demand and Supply · Requisition Worksheet · Action Messages

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Warehouse Management

OVERVIEW

Warehouse Management · Inventory and Warehouse Reports

ITEM MANAGEMENT UNDER WAREHOUSE

Receive Items · Cross-Dock Items · Put Items Away · Move Items · Pick Items · Ship Items · Find Your Warehouse Assignments

07

Integration and Automation

TOPICS

- Set up and manage approvals by using workflows
- Explore workflow in Business Central
- Create workflows
- Set up approval users
- Set up notifications
- Use approval workflows

Power Automate

TOPICS

- Describe use cases for enhancing Business Central by using Power Automate
- Describe the process for creating flows and using standard connectors
- Use embedded (built-in flows in Business Central) Power Automate flows
- Connect Power Apps
- Describe use cases for enhancing Business Central by using Power Apps
- Create Power App with Standard API
- Connect Power BI
- Consume Power BI reports within Business Central
- Consume Business Central data by using Odata in Power BI Desktop

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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