Dynamics 365 Finance Operations (F&O) – Comprehensive Course

Course Overview:

This comprehensive course provides in-depth training on Microsoft Dynamics 365 Finance and Operations (F&O), covering all major functional modules including General Ledger, Accounts Payable, Accounts Receivable, Inventory, Warehouse, Production, Project Management, Master Planning, Data Management, Workflows, and Reporting.

Participants will gain a strong understanding of how to configure, manage, and optimize business processes using F&O, with a focus on both functional and technical areas relevant for finance, operations, and IT professionals.

Note: This course does not include lab exercises. However, the sessions are designed to be rich in conceptual detail with practical orientation.

Prerequisites:

- Familiarity with ERP concepts and business process workflows.
- Basic understanding of finance and operations processes.
- No prior hands-on experience with Dynamics 365 F&O is necessary but beneficial.

Course Content:

Module 1: Introduction to Dynamics 365 Finance & Operations

- 1.1 Overview of FCO Capabilities and Architecture
- 1.2 Core Modules and Functional Areas
- 1.3 Roles and Personas in FCO
- 1.4 Navigation, Workspaces, and Personalization
- 1.5 Deployment Options and Lifecycle Services (LCS) Overview

Module 2: General Ledger (GL) and Financial Setup

- 2.1 Chart of Accounts, Financial Dimensions, and Fiscal Calendars
- 2.2 Ledger Setup and Posting Profiles
- 2.3 Journal Types: General, Daily, Allocation, Approval
- 2.4 Period Closing, Consolidation, and Financial Reporting
- 2.5 Intercompany and Currency Management

Module 3: Accounts Payable (AP)

- 3.1 Vendor Master Data and Groups
- 3.2 Invoice Journals, Vendor Invoices, and Purchase Orders
- 3.3 Payment Journals, Methods of Payment, and Settlement
- 3.4 Vendor Collaboration Portal Overview
- 3.5 AP Aging and Reporting

Module 4: Accounts Receivable (AR)

- 4.1 Customer Master Data and Credit Limits
- 4.2 Sales Orders, Free Text Invoices, and Invoice Journals
- 4.3 Receipts and Settlement Processes
- 4.4 Dunning, Collections, and Aging Reports
- 4.5 AR Forecasting and Integration

Module 5: Inventory Management

- 5.1 Inventory Journals: Movement, Counting, Adjustment
- 5.2 Inventory Valuation Methods and Costing
- 5.3 Item Groups, Product Dimensions, and Tracking
- 5.4 Warehouse Parameters and Item Reservation
- 5.5 Physical and Financial Inventory Updates

Module 6: Warehouse Management

- 6.1 Warehouse Setup: Zones, Locations, Work Templates
- 6.2 Inbound and Outbound Processes
- 6.3 Mobile Device Menu Setup and Usage
- 6.4 Wave Processing and Work Creation
- 6.5 Cycle Counting and Replenishment

Module 7: Production Control

- 7.1 BOM (Bill of Materials) and Route Setup
- 7.2 Production Orders: Lifecycle, Scheduling, and Costing
- 7.3 Job Registration and Feedback
- 7.4 Material Consumption and Backflushing
- 7.5 Subcontracting and Lean Manufacturing Concepts

Module 8: Project Management and Accounting

- 8.1 Project Types: Time C Material, Fixed Price, Internal
- 8.2 Work Breakdown Structures and Project Contracts
- 8.3 Project Budgeting and Forecasting
- 8.4 Timesheet Management and Project Invoicing
- 8.5 Resource Management and Project Reports

Module 9: Master Planning

- 9.1 Coverage Groups and Item Coverage
- 9.2 Forecasting and Demand Planning
- 9.3 Planned Orders and Firming
- 9.4 Intercompany Master Planning
- 9.5 Performance Optimization and Planning Parameters

Module 10: Data Entities and Data Management Framework

- 10.1 Introduction to Data Entities and OData
- 10.2 Import/Export Projects and Templates
- 10.3 Excel Add-in and Data Validation
- 10.4 Using Data Entities for Integrations and Automation
- 10.5 Custom Data Entities and Mapping

Module 11: Workflow and Business Process Automation

- 11.1 Introduction to Workflow Types and Configuration
- 11.2 Creating Approval Workflows (PR, PO, Journals, etc.)
- 11.3 Workflow Conditions, Notifications, and Escalations
- 11.4 Workflow History and Troubleshooting
- 11.5 Power Automate Integration with FCO Workflows

Module 12: Reporting and Analytics

- 12.1 Financial Reporter (FR) for Financial Statements
- 12.2 SSRS Reports and Print Management
- 12.3 Embedded Power BI Dashboards
- 12.4 Customizing Reports Using Report Builder
- 12.5 Data Lake and Azure Synapse Integration