Dynamics 365 for Finance and Operations Certification: Microsoft Dynamics 365 for Finance and Operations, Manufacturing (MB-320)

Modality: Virtual Classroom

Duration: 4 Days

If you enroll in this course at the listed price, you receive a *Free Official Exam Voucher* ***for the MB-320 Exam. This course does not include Exam Voucher if enrolled within the Master Subscription, however, you can request to purchase the Official Exam Voucher separately.***

About this Course:

Business enterprises and organizations utilize the Finance and Operation capabilities of Microsoft Dynamics 365 to streamline manufacturing processes and improve resource management. Besides this, it also plays a key role in increasing product deliveries, augment operational procedures, and improve customer level of satisfaction. On average, a Microsoft Dynamics 365 Professional earns $101,413 annually.

This course is an intermediate-level comprehensive training program helping professionals learn the art of configuring and implementing Process Manufacturing, Lean Manufacturing, and Discrete Manufacturing Services in Microsoft Dynamics 365. This course is specifically designed for professionals liable for engaging stakeholders, assessing business requirements, conducting discovery measures, and configuring solutions with the aid of codeless extensibility and service integrations.

The primary objective of this course is to prepare professionals and candidates to successfully clear the MB-320 Certification Exam.

Course Objectives:

The core objective of this course is to help professionals gain a better understanding and conceptual knowledge of the following key concepts:

- Configuring and Applying Financial Management Core Components in Dynamics 365
- Configuring & Using Accounts Receivables, Collections, and Payables in Dynamics 365
- Configuring Fixed Assets, Budgets, and Prominent Functionalities in Dynamics 365

Audience:

This course is tailored for the following group of professionals:

- Dynamics 365 Functional Consultant
- Professionals responsible for Configuring Solutions and Applications
- Microsoft Dynamics Consultant

Prerequisites:

Professionals planning to enroll in the Dynamics 365 for Finance and Operations Certification: Microsoft Dynamics 365 for Finance and Operations, Manufacturing (MB-320) course must have fundamental knowledge and conceptual understanding of CRM and ERP concepts.

Course Outline:

Module 1: Configure Dynamics 365 Supply Chain Management, Manufacturing

This module will cover the address the different configurations the functional consultants will need implement the manufacturing features.

Lessons

- Configure and manage the production control module
- Configure and manage resources for production processes
- Configure discrete manufacturing
- Configure process manufacturing
- Configure lean manufacturing

After completing this module, students will be able to:

- Configure and manage the production control module
- Configure and manage resources for production processes
- Configure discrete manufacturing
- Configure process manufacturing
- Configure lean manufacturing

Module 2: Manage manufacturing processes

This module will help you understand and practice most of the transactions needed for the different manufacturing scenarios.

Lessons

- Manage production orders
- Manage batch orders
- Manage kanban orders

Lab : Case study 1A discrete manufacturing

- Exercise #1: Update the production control parameters
- Exercise #2: Create new production pools
- Exercise #3: Create and manage resources
- Exercise #4: Create an operation, assign relations and create a route
- Exercise #5: Create a simple BOM without a version
- Exercise #6: Create a BOM in the BOM designer (Bonus)

- Exercise #7: Create a BOM with a version
- Exercise #8: Create a production order
- Exercise #9: Start a discrete production order (Bonus)
- Exercise #10: Run a resource schedule
- Exercise #12: Configure costing policies
- Exercise #13: Configure manufacturing execution (Bonus)
- Exercise #14: Configure automatic route consumption on setup jobs (Bonus)
- Exercise #15: Use manufacturing execution (Bonus)

Lab : Case study 1B process manufacturing

- Exercise #1: Create an approved vendor list and setting method to Warning Only (Bonus)
- Exercise #2: Create items with different production types
- Exercise #3: Create and activate a formula using different product types
- Exercise #4: Create a new formula with a version from the released products form (Bonus)
- Exercise #5: Revise, update and activate a formula (Bonus)
- Exercise #6: Use the scalability feature to create a new formula
- Exercise #7: Create and activate a percentage-based formula (Bonus)
- Exercise #8: Change a linear consumption to a step-wise consumption
- Exercise #9: Set up commodity pricing (Bonus)
- Exercise #10: Change a price calculation and update trade agreements
- Exercise #11: Setting up a commodity price calculation
- Exercise #12: Creating PSDS lists, records and file uploads for product compliance
- Exercise #13: Add reporting details for an item
- Exercise #14: Create a sales order and printing a PSDS
- Exercise #15: Create and associate a batch attribute
- Exercise #16: Create a new batch number and manually record the batch attribute
- Exercise #17: Create quality orders and verify batch attributes
- Exercise #18: Complete a batch reservation using an attribute requirement
- Exercise #19: Set a partial visibility catch weight item
- Exercise #20: Use catch weight items in a purchase trade agreement
- Exercise #21: Create a batch attribute for a potency item
- Exercise #22: Modify and activate a copy of a potency item formula
- Exercise #23: Set up pricing based on an item's attribute (Bonus)
- Exercise #24: Record a potency attribute upon receipt (Bonus)
- Exercise #25: Reporting and balancing batch orders (Bonus)

Lab : Case study 1C Lean manufacturing

- Exercise #1: Create value streams
- Exercise #2 create a new production flow model
- Exercise #3: Create a process activity
- Exercise #4 Create a new transfer activity
- Exercise #5: Add a successor to the production flow activity and perform validation and activation
- Exercise #6: Create Kanban rules and schedule the Kanban job
- Exercise #7: Process scheduled Kanban for process and transfer jobs
- Exercise #8: Fulfill a sales order by planning a Kanban and produce an item (Bonus)

After completing this module, students will be able to:

- Manage production orders
- Manage batch orders
- Manage kanban orders

Module 3: Implement master planning for production

This module will explain the aspects of master planning needed for manufacturing functional consultant

Lessons

- Configure and manage master planning
- Plan, schedule, and perform production capacity planning

Lab : Case study 2 master planning

- Exercise #1: Firm a planned order and change the order type
- Exercise #2: Create an intercompany planning group and assign an item allocation key
- Exercise #3: Plan a production schedule from a master planning run (Bonus)

After completing this module, students will be able to:

- Configure and manage master planning
- Plan, schedule, and perform production capacity planning

Module 4: Implement other manufacturing features

This module will cover different important features commonly used by manufacturing customers.

Lessons

- Configure manufacturing execution
- Configure costing policies
- Define product configuration models by using Product Configurator

After completing this module, students will be able to:

- Configure manufacturing execution
- Configure costing policies
- Define product configuration models by using Product Configurator

Module 5: Subcontracting for product manufacturing

This module will cover the configuration and use of subcontracting features

Lessons

- Configuring subcontracting
- Using subcontracting

Lab : Case study 3 subcontracting

- Exercise #1: Set up subcontracting features

After completing this module, students will be able to:

- Configuring subcontracting
- Using subcontracting