

# MB-820T00: Dynamics 365 Business Central Developer Course

**Course Duration: 40 Hours**

**Course code: MB-820T00**

## 1. Course Overview

The Dynamics 365 Business Central Developer course is designed to equip professionals with the skills and knowledge required to develop, customize, and extend applications for Microsoft Dynamics 365 Business Central. Through a combination of lectures, hands-on labs, and practical exercises, learners will gain expertise in AL language programming, extension development, and integration with other Microsoft services. This course focuses on enabling participants to build efficient business solutions that enhance the capabilities of Business Central, supporting real-world business requirements.

## 2. What you'll learn?

By the end of this course, you will be able to:

- Understand the architecture and development environment of Business Central.
- Develop applications using AL language and Visual Studio Code.
- Create and manage extensions for Business Central.
- Integrate Business Central with other Microsoft services and applications.
- Customize pages, reports, and workflows to meet business requirements.
- Apply best practices for testing, deployment, and maintenance of Business Central solutions.

## 3. Target Audience

This course is ideal for:

- Developers who want to specialize in Dynamics 365 Business Central.
- Technical consultants looking to expand their skills in Business Central customization.
- Solution architects involved in Business Central implementations.
- IT professionals responsible for building and managing business applications.

## 4. Pre-Requisites

Learners should have:

- Basic understanding of ERP concepts and business processes.
- Familiarity with programming concepts (preferably in C/AL, AL, or C#).
- Experience using Visual Studio Code.
- Basic knowledge of Microsoft Dynamics 365 Business Central functionality is an advantage.

## 5. Course content

### Module 1: Introduction to Dynamics 365 Business Central Development

- Overview of Business Central architecture.
- Development environment setup.
- AL language basics.

### Module 2: Working with AL Language

- Syntax and structure of AL code.
- Creating tables, pages, and reports.
- Using variables, functions, and triggers.

### Module 3: Creating Extensions

- Extension development concepts.
- Packaging and publishing extensions.

- Managing dependencies and updates.

#### **Module 4: Integrations with Microsoft Services**

- Connecting with Power Platform.
- Using APIs for integration.
- Data exchange with external systems.

#### **Module 5: Customizing Business Central**

- Modifying standard objects using extensions.
- Custom page layouts and fields.
- Workflow customization and automation.

#### **Module 6: Testing and Deployment**

- Writing automated tests.
- Deployment strategies.
- Maintaining and updating solutions.