

# Dynamics 365 Business Central Developer (MB-820T00)

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## Course Description

A Dynamics 365 Business Central developer develops apps that extend Business Central. This can include creating new modules and modifying existing modules. The developer can add new business logic or change existing business logic by using events. A developer also makes it possible to integrate Business Central with other applications, including Microsoft Power Platform products.

Business Central developers are responsible for troubleshooting and debugging issues in the system. This may involve identifying the root cause of a problem, fixing bugs, and testing the solution to ensure it works as expected. Business Central developers may be required to optimize the performance of the system by identifying bottlenecks and improving code quality. Business Central developers are responsible for upgrading the system, migrating data, and maintaining the system to ensure it remains up to date and secure.

## Course Duration

5 days

## Prerequisites

A Dynamics 365 Business Central core functional consultant must have applied knowledge of Business Central and understand industry terminology, priorities, standards, methodologies, and best practices. The consultant must have applied knowledge of meeting business needs by using Dynamics 365 Business Central, including basic understanding of financial management, sales, purchasing, and inventory. The consultant's knowledge should include a comprehensive understanding of the Business Central application's role in relationship to the Microsoft 365 and Dynamics 365 suites of applications.

## Course Outline

- Start your free Dynamics 365 Business Central trial
- Introduction to the capabilities of Microsoft Dynamics 365 Business Central
- Customize Microsoft Dynamics 365 Business Central
- Prepare for an easy application upgrade experience in Business Central
- Administer Dynamics 365 Business Central online
- Manage users and implement security in Business Central
- Introduction to the development environment for Dynamics 365 Business Central
- Debug and deploy your extension in Dynamics 365 Business Central
- Work with pages in Dynamics 365 Business Central
- Design the data model of a report in Dynamics 365 Business Central
- Work with codeunits in Dynamics 365 Business Central
- Work with XMLports in Dynamics 365 Business Central
- Work with entitlements and permission sets in Dynamics 365 Business Central
- Work with queries in Dynamics 365 Business Central

- Build control add-in objects in Dynamics 365 Business Central
- Customize the UI experience in Dynamics 365 Business Central
- Identify functional table types and characteristics in Dynamics 365 Business Central
- Introduction to the basics of AL programming in Dynamics 365 Business Central
- Learn about application performance and monitoring in Business Central
- Work with source control using Git in Visual Studio Code for Business Central
- Use Application Lifecycle Management for Business Central
- Introduction to test automation in Business Central
- Use Power Automate with Business Central
- Access REST services from within Dynamics 365 Business Central
- Use Azure Functions with Dynamics 365 Business Central
- Work with web services in Dynamics 365 Business Central
- Work with the API in Dynamics 365 Business Central

## Who Should Attend

Candidates for this course are Developers, Software engineers, Architects, Technical advisors, Technical consultants, User Experience leads or have a combination of these skills. Business Central is our fastest growing app with the largest number of solutions published to AppSource. It is however a complex solution, and it requires deep domain and technical expertise for implementation.