



MICROSOFT TRAINING

MB-820: Microsoft Dynamics 365 Business Central Developer

Master development for Microsoft Dynamics 365 Business Central and prepare to ace your MB-820 exam. Build robust, customized solutions.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level course, MB-820: Microsoft Dynamics 365 Business Central Developer, is meticulously designed for aspiring and current developers looking to master the intricacies of extending and customizing Dynamics 365 Business Central. You will delve into the powerful AL (Application Language) within Visual Studio Code, learning to build robust extensions, integrate with external services, and tailor Business Central to meet diverse business requirements. This training goes beyond basic setup, focusing on the core development principles, best practices, and architectural considerations essential for creating scalable and maintainable solutions. By the end of this course, you will be proficient in manipulating data models, designing user interfaces, and implementing complex business logic, directly preparing you for the official Microsoft certification exam. This certification validates your expertise in developing for Dynamics 365 Business Central, making you a highly sought-after professional in the ERP customization landscape. Earning this certification will significantly enhance your credibility and open doors to advanced development roles within the Microsoft Dynamics ecosystem. You'll gain practical skills in debugging, testing, and deploying custom solutions, ensuring you can contribute effectively to real-world Business Central implementation and support projects. Join us to transform your development capabilities and propel your career forward in the dynamic world of enterprise resource planning.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	MB-820

COURSE CURRICULUM

01 Module 1: Introduction to Business Central Development

- Understanding the Business Central Development Environment
- Introduction to AL Language and Visual Studio Code
- Developing with Extensions
- Core Concepts of Business Central Architecture
- Setting up Your Development Sandbox

02 Module 2: Data Model and Table Development

- Creating and Extending Tables with AL
- Defining Fields and Data Types
- Working with Keys and Indexes
- Table Relations and Data Integrity
- Data Management and Best Practices

03 Module 3: Page Design and User Interface Customization

- Developing New Pages and Extending Existing Pages
- Page Types (List, Card, Worksheet, Document)
- Actions, Controls, and Promoted Categories
- Designing for Usability and User Experience
- Integrating UI with Business Logic

04 Module 4: Business Logic and Codeunit Development

- Writing AL Codeunits for Business Logic
- Event Subscribers and Publishers

- Handling Transactions and Error Management
- Using Standard Business Central Functions
- Performance Optimization in AL Code

05 Module 5: Reports, XMLports, and Integrations

- Developing Custom Reports with RDLC and Word Layouts
- Creating and Using XMLports for Data Exchange
- Introduction to API Development and Web Services
- Integrating with External Systems using AL
- Consuming External REST APIs

06 Module 6: Deployment, Testing, and Lifecycle Management

- Packaging and Deploying Business Central Extensions
- Testing Strategies for AL Code
- Debugging Techniques in Visual Studio Code
- Version Control with Git
- Extension Lifecycle Management and Upgrades

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Dynamics 365 Business Central Developer**
- > **ERP Solutions Architect (focused on Business Central)**
- > **Microsoft Dynamics Consultant (with a specialization in development and customization)**

FREQUENTLY ASKED QUESTIONS

Q: What are the essential technical prerequisites for enrolling in the MB-820: Microsoft Dynamics 365 Business Central Developer course?

Candidates for this course should have foundational knowledge of programming concepts, preferably with some experience in an object-oriented language. Familiarity with basic database concepts (SQL) and an understanding of enterprise resource planning (ERP) principles will be highly beneficial. While not strictly required, prior exposure to Microsoft Dynamics products or a basic understanding of Business Central's user interface can provide a smoother learning experience.

Q: How will the MB-820 certification specifically enhance my ability to build custom integrations between Business Central and other enterprise applications?

The MB-820 certification focuses heavily on developing extensions and utilizing web services, which are critical for integrations. You will learn to create custom APIs, consume external REST services, and use XMLports for data exchange, enabling you to build robust, seamless connections between Business Central and various third-party systems like CRM, e-commerce platforms, or specialized industry applications. This skill is vital for tailoring Business Central to complex ecosystem requirements.

Q: What kind of real-world business challenges will I be able to solve for clients after achieving the MB-820 certification?

With the MB-820 certification, you'll be equipped to solve a wide range of client-specific challenges. This includes developing custom modules for unique industry processes, automating workflows to improve operational efficiency, integrating Business Central with other core business systems, creating specialized reports for advanced analytics, and customizing the user interface to enhance productivity. You'll be able to translate complex business requirements into effective, scalable Business Central solutions.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke