

KOENIG SOLUTIONS · COURSE OUTLINE

MB-820T00-A: Dynamics 365 Business Central Developer

Learn to develop, extend and integrate Dynamics 365 Business Central using AL and the extension development model.

7

MODULES

29

TOPICS

6

HANDS-ON LABS

COURSE OVERVIEW

This course covers the Business Central system, its functional areas, architecture and apps, along with administration and application security. It then addresses the development process, including setting up a development environment and creating, debugging and deploying extensions, before covering AL objects such as tables, pages, reports, codeunits, XMLports, permission sets, queries and control add-ins. It continues with AL development standards and UI customisation, development tools including source control, application lifecycle management and testing, and concludes with integration through APIs, Power Platform, REST services, Azure and Microsoft Teams.

WHO THIS COURSE IS FOR

Business Central Developers

Application Developers

Solution Architects

Systems Integrators

Technical Consultants

LEARNING OBJECTIVES

- Describe the Business Central system, architecture and functional areas
- Manage Business Central administration and application security
- Configure a Business Central development environment
- Build and deploy extensions in Business Central
- Develop AL objects such as tables, pages and reports
- Implement codeunits, XMLports, queries and control add-ins
- Apply development standards and customise the UI experience
- Implement integration with APIs, Power Platform and Azure

7 Modules, 29 Topics

01

Lab

Introduction to Business Central

TOPICS

- Describe the Business Central system
- Describe the Business Central functional areas
- Describe the Business Central architecture
- Describe Business Central apps
- Describe the upgrade process

02

Administration

TOPICS

- Manage Business Central
- Manage application security in Business Central

03

Development Process

TOPICS

- Install and configure a Business Central development environment
- Create, debug, and deploy an extension in Business Central

04

3 Labs

AL Objects

TOPICS

- Build and extend tables and pages in Business Central
- Build and extend reports
- Develop codeunits
- Design and create an XMLport
- Work with entitlement and permission set objects
- Create queries in Business Central
- Build control add-in objects

05**Lab**

AL Development

TOPICS

- Describe the essential development standards
- Use Application Language (AL) to extend Business Central
- Customize the UI experience and implement onboarding techniques

06**Lab**

Development Tools

TOPICS

- Work with the Business Central Performance Toolkit
- Set up Source Control by using Git
- Set up Application Lifecycle Management
- Implement Semi-Automated Test Processes and run standard Business Central tests
- Manage and analyze telemetry

07

Integration

TOPICS

- Implement APIs
- Integrate with Microsoft Power Platform based on APIs
- Access REST services from within Business Central
- Integrate with Microsoft Azure
- Describe Microsoft Teams integration

Practise What You Learn

#	MODULE	ACTIVITY
01	Introduction to Business Central	Lab 00 - Lab prerequisites
04	AL Objects	■ Lab 01 - Create an extension containing a: table, table extension, pages, page extension ■ Lab 04 - Add a column and layout to a base report ■ Lab 02 - Implement installation and upgrade code in an extension
05	AL Development	Lab 03 - Add a Rolecenter and Profile
06	Development Tools	Lab 06 - Setup source control, Git, in an extension

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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