

Microsoft Dynamics 365 Business Central Technical Training

Course Duration: 32 Hours

Course Code: MBCT-TECH-365

1. Course Overview

The **Microsoft Dynamics 365 Business Central Technical Training** is designed to equip learners with in-depth technical knowledge of ERP customization, development, and integration. This course focuses on AL programming, extensions, APIs, and system configurations within the **Microsoft ecosystem, enabling professionals to build and manage scalable business solutions.

2. What You'll Learn

- Fundamentals of Business Central architecture
- AL language programming and development environment
- Creating and managing extensions
- Customizing tables, pages, and reports
- Integration using APIs and web services
- Data migration and system upgrades
- Debugging, testing, and deployment techniques
- Security, permissions, and role management

3. Target Audience

- ERP Developers and Technical Consultants
- Microsoft Dynamics Professionals
- Software Developers interested in ERP systems
- IT Professionals looking to upskill in Business Central

- Fresh graduates aiming for ERP technical roles

4. Pre-Requisites

- Basic understanding of programming concepts
- Knowledge of ERP systems (preferred but not mandatory)
- Familiarity with databases and SQL
- Basic understanding of Microsoft technologies

5. Course Content

Module 1: Introduction to Business Central

- Overview of ERP & Business Central
- Navigation and environment setup

Module 2: AL Language Basics

- Introduction to AL
- Development environment setup (VS Code)
- Syntax and structure

Module 3: Tables & Pages Development

- Creating tables and table extensions
- Designing pages and page extensions

Module 4: Reports & Queries

- Creating reports
- Working with RDLC layouts
- Query objects

Module 5: Extensions & Customization

- Developing extensions

- Managing dependencies
- Publishing and deploying extensions

Module 6: Integration & APIs

- Web services and APIs
- Integrating external applications
- REST API usage

Module 7: Debugging & Testing

- Debugging tools
- Error handling
- Test automation

Module 8: Security & Administration

- Role-based access control
- Permissions and user management