



MICROSOFT TRAINING

Advanced Development In Microsoft Dynamics 365 Finance And Operations Quiz Questions Answers

Master advanced Dynamics 365 F&O development concepts. Ace your exams and build complex enterprise solutions.

DURATION

2 Hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This advanced course is meticulously crafted for experienced developers seeking to master the intricate world of Microsoft Dynamics 365 Finance and Operations (D365 F&O) development. Delving beyond the basics, participants will gain profound expertise in customizing, extending, and integrating D365 F&O solutions using cutting-edge development tools and methodologies. The curriculum emphasizes advanced X++ programming techniques, robust extension patterns, sophisticated data entity management, and seamless integration strategies, ensuring you can tackle the most complex enterprise resource planning (ERP) challenges. This course, with its focus on practical 'Quiz Questions Answers', ensures a deep, application-oriented understanding, preparing you not just with knowledge, but with the ability to apply it effectively under pressure. It also covers crucial aspects of Application Lifecycle Management (ALM) within an Azure DevOps environment, ensuring your solutions are scalable, maintainable, and deployable. Mastering these advanced concepts will empower you to deliver high-impact, tailored solutions that drive business efficiency and innovation. By the end of this program, you will be equipped to optimize D365 F&O functionalities, enhance system performance, and integrate it seamlessly with other business applications, significantly elevating your value as a Dynamics 365 technical expert. This comprehensive training will solidify your understanding of best practices, security considerations, and performance tuning, making you an indispensable asset in any D365 F&O implementation or support team.

Duration	2 Hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Advanced X++ Development and Best Practices

- Deep Dive into X++ Language Features and Performance Tuning
- Object-Oriented Programming (OOP) Patterns in X++
- Best Practices for Maintainable and Scalable X++ Code
- Advanced Debugging and Troubleshooting Techniques for D365 F&O
- Code Review Methodologies and Static Code Analysis

02 Module 2: Extending and Customizing D365 F&O

- Understanding and Leveraging the Extension Framework
- Implementing Chain of Command (CoC) for Class and Method Extensions
- Developing Event Handlers and Delegates for Custom Logic
- Advanced Form Customizations and Extensions (Form Patterns)
- Building Custom Reports with SSRS and Data Providers

03 Module 3: Data Management and Integration Mastery

- Designing and Developing Advanced Data Entities
- Complex Data Import/Export Scenarios with Data Management Framework (DMF)
- Integrating D365 F&O using OData and Custom Services
- Leveraging Business Events and Alerts for Real-time Integration
- Introduction to Power Platform Integration with D365 F&O

04 Module 4: Application Lifecycle Management (ALM) in D365 F&O

- Utilizing Azure DevOps for D365 F&O Development Projects
- Version Control Strategies (Branching, Merging) with Git
- Setting up Automated Build and Release Pipelines for D365 F&O

- Package Deployment and Environment Management with Lifecycle Services (LCS)
- Code Migration and Best Practices for Upgrades

05 Module 5: Performance, Security, and Advanced Workflow

- Database Optimization and Query Performance Tuning in X++
- Advanced Security Model Customization and Role-Based Security
- Developing and Extending Workflows in D365 F&O
- Managing Batch Jobs and Asynchronous Operations
- System Monitoring and Health Check Strategies

06 Module 6: Certification Preparation and Quiz Strategies

- Comprehensive Review of Advanced Development Concepts
- Scenario-Based Problem Solving and Case Studies
- Effective Strategies for Answering Complex Quiz Questions
- Mock Exams and Performance Analysis
- Tips for Microsoft Dynamics 365 Advanced Developer Certifications

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior Microsoft Dynamics 365 F&O X++ Developer**
- > **D365 F&O Technical Solutions Architect**
- > **Lead D365 F&O Integration Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What specific prerequisites are essential for enrolling in this Advanced Development in D365 F&O course?

This course is tailored for experienced developers. You should possess a strong foundational understanding of X++ programming, hands-on experience with basic D365 F&O development concepts, familiarity with Visual Studio, and a working knowledge of standard D365 F&O functionalities. Prior exposure to basic customization, data structures, and the D365 F&O user interface is highly recommended, as the course dives directly into advanced and complex development scenarios.

Q: How does the 'Quiz Questions Answers' methodology enhance my practical skills for real-world D365 F&O projects?

The 'Quiz Questions Answers' methodology is a core component designed to foster practical application and critical thinking. Instead of rote memorization, you'll engage with challenging, scenario-based questions that mirror actual project complexities. This approach trains you to analyze problems, apply advanced development patterns and best practices, troubleshoot efficiently, and articulate solutions clearly, preparing you directly for the high-pressure demands and nuanced requirements of advanced D365 F&O development projects.

Q: Will I be proficient in designing and implementing complex D365 F&O integration solutions with external systems after completing this course?

Yes, absolutely. A significant portion of this advanced course is dedicated to mastering complex integration techniques. You will gain deep expertise in developing robust data entities, leveraging advanced features of the Data Management Framework (DMF), implementing integrations using OData and custom services, and understanding how to connect D365 F&O with the Microsoft Power Platform. By the end, you'll be well-equipped to design, build, and deploy sophisticated and reliable integration solutions for enterprise-level requirements.

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.

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