
Microsoft Dynamics 365: Finance and Operations Apps Developer

Duration: 5 Days Course Code: M-MB500 Delivery Method: Company Event

Overview:

Developer training. Microsoft Dynamics 365 Finance and Operations Apps Developers implement and extend applications to meet the requirements of the business. Candidates provide fully realized solutions by using standardized application coding patterns, extensible features, and external integrations.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Microsoft Dynamics 365 Finance and Operations Apps Developers

Content:

Module 1: Overview ; Architecture	Lab : Metadata Extension ; Development	Module 8: Integration
Describe the Dynamics 365 ecosystem and major components of the Dynamics 365 Finance and Operations (FO) software, describe the architecture of D365FO, describe relevant D365FO design and deployment considerations	Module 5: Code Development ; Testing	Identify Data integration patterns and scenarios, Implement Data integration concepts and solutions, Implement Recurring integrations, Integrate D365FO with Microsoft Azure, Troubleshoot integration errors, Implement the Data Management Package API
Lab : Development Environment configuration and Project/Model Creation	Develop X++ code, Develop object-oriented code, Extend D365 FO functionality, Describe test framework and tools, Perform Unit Testing	Lab : OData Integration
Module 2: Developer Tools	Lab : Code Extension ; Development	Lab : Logic App Integration
Manage system implementations by using Lifecycle Services, Customize D365FO by using Visual Studio, Manage source code and artifacts by using version control, Work with other development tools to complete tasks	Module 6: Data Migration	Lab : Calling an External Web Service
Lab : Source Control using DevOps	Describe migration tools and methodologies, Plan Migration strategy, Prepare data for migration and migrate data	Module 9: Reporting
Module 3: Solution Design	Lab : Data Export/Import using Data Entity	Describe the capabilities and limitations of reporting tools in D365FO, Design, create, and revise Dynamics Reports, Design, create, and revise Dynamics workspaces, Design, create, and revise data sources that connect to data stores external to D365FO
Determine the required application stack components and server architecture, Implement Application Lifecycle Management (ALM), Design a solution for D365FO	Lab : Recurring Data Transfer	Lab : Power BI reporting from F;O
Lab : Data Structure Development	Module 7: Frameworks	Module 10: Security ; Performance
Module 4: AOT Elements	Implement D365 FO functionality	Describe and implement performance tools and LCS Environment Monitoring tools, Implement role-based security policies and requirements, Apply fundamental performance optimization techniques, Optimize performance for batch processes, Optimize user interface performance, Enhance Integration performance, Optimize Report Performance
Create forms, Create and extend tables, Create Extended data Types (EDT) and enumerations, Create classes and extend AOT elements	Lab : SysExtension Framework	Lab : Async ; Sandbox Functionality

Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

info@globalknowledge.ie

www.globalknowledge.com/en-ie/

Global Knowledge, 3rd Floor Jervis House, Millennium Walkway, Dublin 1