



Microsoft  
Dynamics® 365FO

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| <b>Kursus</b> | <b>DKK 23.999</b>  |
| <b>5 dage</b> | <b>ekskl. moms</b> |
| Nr. 90565 A   |                    |
| <b>Dato</b>   | <b>Sted</b>        |
| 13-05-2024    | Taastrup           |
| 16-09-2024    | Aarhus             |
| 07-10-2024    | Taastrup           |
| 16-12-2024    | Taastrup           |

# Microsoft Dynamics 365: Finance and Operations Apps Developer [MB-500T00]

På dette kursus får du den nødvendige viden til at udfylde rollen som udvikler i Dynamics 365 Finance and Operation Apps. Du lærer om arkitektur, løsningsdesign, anvendelse af udviklerværktøjer, AOT-elementer, datamigrering, rapportering og sikkerhed.

## Deltagerprofil

Dette kursus er for dig, der skal udvikle løsninger i Dynamics 365 Finance and Operations.

## Forudsætninger

Du har deltaget på vores [Microsoft Dynamics 365 Fundamentals Finance and Operations Apps \(ERP\) \[MB-920T00\]](#) eller har en tilsvarende viden. Herudover skal du have erfaring med programmering.

## Udbytte

- Lær at planlægge arkitektur og løsningsdesign
- Lær hvordan du anvender udviklerværktøjer
- Lær om design og udvikling af AOT elementer



- Lær at udvikle og teste kode
- Lær at implementere rapportering
- Lær at integrere og administrere dataløsninger
- Lær at implementere sikkerhed og optimere ydeevnen

## Det får du på arrangementet

- Øvelser og inddragelse
- Kursusbevis
- Maks. 10 deltagere
- Fuld forplejning
- Gratis parkering
- Materiale på engelsk
- Undervisning på dansk
- Certificeret underviser
- Computer stilles til rådighed

## Indhold

### Modul 1 - Introduction to developing with finance and operations apps

- Explore the ecosystem and main components of finance and operations apps
- Explore the technical architecture of finance and operations apps
- Explore design and deployment considerations for finance and operations apps
- Manage finance and operations apps implementations by using Lifecycle Services
- Work with performance and monitoring tools in finance and operations apps
- Manage source code by using version control in finance and operations apps
- Explore the test framework and tools in finance and operations apps
- Explore reporting tools in finance and operations apps

### Modul 2 - Build finance and operations apps

- Set up a VHD for finance and operations apps
- Start developing for finance and operations apps by using Visual Studio
- Get started with development using X++ in finance and operations apps
- Develop object-oriented code in finance and operations apps
- Implement application lifecycle management in finance and operations apps
- Build extended data types and enumerations for finance and operations apps
- Build tables in finance and operations apps
- Build forms and optimize form performance in finance and operations apps
- Create classes in finance and operations apps
- Build reports for finance and operations apps
- Build workspaces in finance and operations apps
- Implement role-based security in finance and operations apps
- Apply basic performance optimization in finance and operations apps

### Modul 3 - Extend finance and operations apps

- Explore extensions and the extension framework in finance and operations apps
- Extend elements in finance and operations apps
- Consume business events in finance and operations apps

### Modul 4 - Connect to finance and operations apps

- Identify data integration patterns and scenarios in finance and operations apps
- Implement data integration concepts and solutions for finance and operations apps
- Implement the Data management package API for finance and operations apps
- Data integrations with finance and operations apps



- Prepare data for migration to finance and operations apps
- Manage data sources with external data stores in finance and operations apps
- Integrate finance and operations apps with Microsoft Azure
- Connect to Microsoft Power Platform services with finance and operations apps

#### Modul 5 - Migrate data and go live with finance and operations apps

- Prepare data for migration to finance and operations apps
- Work with data management in finance and operations apps
- Perform user acceptance testing in finance and operations apps
- Prepare to go-live with finance and operations apps

## Certificering

Kurset leder hen mod eksamen i [MB-500: Microsoft Dynamics 365: Finance and Operations Apps Developer](#). Du skal bestille og betale for din eksamen særskilt.

Ønsker du certificeringen **Microsoft Certified: Dynamics 365: Finance and Operations Apps Developer Associate**, skal du bestå MB-500 and [MB-300](#). Dog skal du være opmærksom på at Exam MB-300 udgår fra februar 2024.

Microsoft skriver om denne eksamen:

- This exam measures your ability to accomplish the following technical tasks: plan architecture and solution design; apply developer tools; design and develop AOT elements; develop and test code; implement reporting; integrate and manage data solutions; and implement security and optimize performance.
- Candidates for this exam are developers who work with finance and operations apps in Microsoft Dynamics 365 to implement and extend applications that meet the requirements of a business. Candidates provide fully realized solutions by using standardized application coding patterns, extensible features, and external integrations.
- Candidates develop business logic by using X++, create and modify finance and operations app reports and workspaces, customize user interfaces, provide endpoints and APIs to support Microsoft Power Platform apps and external systems, perform testing, monitor performance, analyze and manipulate data, create technical designs and implementation details, and implement permission policies and security requirements.
- Candidates should have a deep knowledge and experience using the underlying framework, data structures, and objects associated with the finance and operations solutions.
- Candidates should have experience with products that include Visual Studio, Azure DevOps Lifecycle Services (LCS) tools, Postman, GitHub, Microsoft 365, and SQL Server Management Studio.

[Læs mere om IT certificeringer](#).



### UNDERVISER

Teknologisk Institut benytter erfarne undervisere, der kommer fra et bredt netværk af branchens dygtigste specialister.

## Har du faglige spørgsmål så kontakt



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