



# Course 806894 • Microsoft Dynamics 365 Extensions and Deployment for Finance and Operations (AX)

## Length

- 5 days

## Prerequisites

- Basic knowledge of:
  - Microsoft Dynamics 365 for Finance and Operations
  - Visual Studio
  - Object-oriented programming

## Audience

- CPAs, CFOs, accounting managers, solution architects, functional consultants, and project managers
- Individuals who want to demonstrate foundational understanding of the Finance and Operations application

## What You'll Learn

- Architecture and Development Environment for D365 Finance and Operations
- Develop new elements using Application Explorer
- Read and write basic X++
- Manage the user interface and security for developers
- Develop and extend retail components

This instructor-led, hands-on labs, accelerated course has eight days of training covered in a five day format. This course is intended for technical consultants, programmers, or IT personnel who implement the basic technical and development tasks required to customize Dynamics 365 for Finance and Operations or Retail.

This course will help improve your technical skills in Microsoft Dynamics 365 Development. You will have full use of a Dynamics 365 for Operations lab environment.

This course will prepare you for the MB6-894: Development, Extensions and Deployment for Microsoft Dynamics 365 for Finance and Operations certification exam.

## Workshop Outline

### Module 1: Life Cycle Services (LCS) Introduction

- Dynamics 365 Cloud Based Development Environment, based on the Azure platform
- Introduction to Microsoft Dynamics Lifecycle Services (LCS)

### Module 2: Customer Onboarding and Application Lifecycle Management

- Cloud Deployment of Microsoft Dynamics 365 for Finance and Operations, Enterprise edition
- System Admin and Deployment Planning

### Module 3: PowerApps and Microsoft Flow

- PowerApps and Microsoft Flow with Dynamics 365

## **Module 4: Development Basics**

- Modeling Your Data with Visual Studio
- User Interface Development
- X++ Programming and Advanced Topics
- Applying Application Updates

## **Module 5: Development Advanced**

- Advanced Database Manipulation
- Advanced Class Concepts
- Number Sequence Development
- Advanced Security for Developers
- Workflow Basic Development
- Workflow Advanced Development
- Developing with Application Foundation Features
- Use and Design of
  - General Ledger
  - Chart of Accounts
  - the Budgeting and Fixed Asset Modules
  - Product Inventory Management
  - the Inventory Management Module
  - Quality, Quarantine and Forecasts
  - the Accounts Payable Module
  - the Accounts Receivable Module
  - Basic Sales and Purchasing Features
  - Advanced Sales and Purchasing Features
  - the Form Letter Framework
  - the Project Management and Accounting Module
  - Basic Production Control Features
  - Advanced Production Control Features

## **Module 6: Retail Development and Customization**

- Introduction to Development in Microsoft Dynamics 365 for Retail (lectures and examples of Retail Development)

## **Module 7: Course Review:**

- Life Cycle Services (LCS) Introduction
- Customer Onboarding and Application Lifecycle Management
- PowerApps and Microsoft Flow
- Development Basics
- Development Advanced
- Retail Development and Customization