

Microsoft Dynamics 365 Custom Development (MD365CD)

ID MD365CD Preis 2.290,- € (exkl. MwSt.) Dauer 4 Tage

Kursüberblick

The Microsoft Dynamics 365 Custom Development training is intended primarily for technical consultants and architect with an advanced knowledge of the Microsoft Dynamics 365 platform to gain an understanding of the advanced extensibility possibilities of the platform. The training is focusing on custom development options on the client-side as well as on the server-side.

Zielgruppe

This course is primarily intended for following audience:

- Dynamics 365 Developer
- Dynamics 365 Technical Consultant
- IT Architect
- Solution Architect

Voraussetzungen

The attendees of this workshop should have following skills and experiences:

- Advanced knowledge of Microsoft Dynamics 365 (previous attendance of the certification training [Dynamics 365 Customer Engagement Core \(MB-200\)](#) is highly recommended).
- General understanding of software development, at least basic knowledge about HTML, XML, CSS, XSL, JavaScript, C# and Microsoft.NET.

Kursziele

After completing this workshop, the attendees

should be able to:

- Identify the extensibility possibilities of Microsoft Dynamics 365
- Use the typical development tools when extending a Microsoft Dynamics 365 solution
- Understand the role of HTML, XML, CSS, XSL, JavaScript, C# and Microsoft.NET for extending a Microsoft Dynamics 365 solution
- Create, manage and use the Microsoft Dynamics 365 Web Resources
- Understand the client-side programming capabilities of Microsoft Dynamics 365
- Identify the structure and components of the Microsoft Dynamics 365 SDK
- Understand the server-side programming capabilities of Microsoft Dynamics 365

Kursinhalt

- Development Tools
- Introduction to HTML, XML, CSS, JavaScript
- Introduction to Microsoft.NET and C#
- Web Resources
- Client-side Programming
- Dynamics 365 SDK Overview
- Server-side Programming
- Advanced Concepts

Detaillierter Kursinhalt

Development Tools

- Module 1: Introduction
- Module 2: Microsoft Visual Studio
- Module 3: Microsoft Visual Studio Extensions for Dynamics 365
- Module 4: Microsoft Dynamics 365 SDK Tools
- Module 5: Other Popular Tools

Introduction to HTML, XML, CSS, JavaScript

- Module 1: Introduction
- Module 2: HTML Basics
- Module 3: XML Basics
- Module 4: CSS, XSL Basics
- Module 5: JavaScript Basics + jQuery

- Module 1: Mobile and Modern Apps
- Module 2: Microsoft Azure Integration Scenarios
- Module 3: Metadata
- Module 4: Deployment Service

Introduction to Microsoft.NET and C#

- Module 1: Introduction
- Module 2: C# Programming Language
- Module 3: Microsoft.NET Framework

Web Resources

- Module 1: Introduction
- Module 2: Image Web Resources (PNG, JPG, GIF, ICO, SVG)
- Module 3: Webpage Web Resources (HTML, XML, CSS, XSL)
- Module 4: Code Web Resources (JavaScript, RESX)

Client-side Programming

- Module 1: Introduction
- Module 2: URL-addressable Dynamics 365 Resources
- Module 3: Client API Object and Event Model
- Module 4: Customize Navigation (SiteMap, Ribbon)

Dynamics 365 SDK Overview

- Module 1: Introduction
- Module 2: Discovery Service
- Module 3: Organization Service
- Module 4: Web API
- Module 5: Authentication
- Module 6: Authorization
- Module 7: Server API Object and Event Model

Server-side Programming

- Module 1: Introduction
- Module 2: Dynamics 365 API Development
- Module 3: PlugIns
- Module 4: Custom Workflow Activities
- Module 5: Microsoft Azure Extensions

Advanced Concepts