

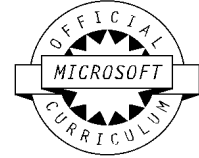
Course Outline

80303- Development I in Microsoft Dynamics AX 2012

Duration: 2 days (12 hours)

Target Audience:

The intended audience is experienced systems consultants typically working for a Microsoft Dynamics partner that is selling, consulting, implementing, and supporting Microsoft Dynamics AX 2012.



Prerequisites:

Before attending this course, students must have working experience with Microsoft Dynamics AX.

Topics Covered:

- Module 1: Architecture
 - Introduction
 - Features of Microsoft Dynamics AX
 - Architecture
 - Development Environment
 - Model Driven Architecture
 - Licensing and Configuration
 - Lab : Create a New Model and a Development Project
 - After completing this module, students will be able to:
 - Describe the basic features of Microsoft Dynamics AX 2012.
 - Review basic form navigation.
 - Review the architecture of Microsoft Dynamics AX 2012.
 - Describe the options for making development changes in Microsoft Dynamics AX 2012.
 - Describe the theory of Model Driven Architecture in Microsoft Dynamics AX 2012.
 - Review licensing and configuration.
- Module 2: Data Dictionary
 - Introduction
 - MorphX and the Application Object Tree
 - Tables
 - Data Types: Primitive and Extended
 - Creating Tables
 - Indexes
 - Relations

- Base Enumerations
- Views
- Lab : Create a New EDTLab : Create a New TableLab : Create a Primary KeyLab : Create a RelationLab : Add an Enum

After completing this module, students will be able to:

- Explain the MorphX development environment and the Application Object Tree
- Design tables using MorphX
- Describe the different data types within Microsoft Dynamics AX
- Create a new table
- Learn how to create and modify indexes using MorphX
- Describe relations on Microsoft Dynamics AX tables
- Learn how to create and modify Enumerated data types
- Learn how to create and modify views.

➤ Module 3: User Interfaces

- Introduction
- Forms
- Joining Data Sources
- Menu Items
- Form Templates
- List Pages
- FactBoxes
- Lab : Create a FormLab : Create a Form from a Template

After completing this module, students will be able to:

- Design and build Forms in Microsoft Dynamics AX.
- Join two data sources on a form.
- Create customized menus and menu items.
- Create a form using form templates.
- Know the components of a list page.
- Create a new FactBox.

➤ Module 4: Security

- Introduction
- Definitions
- Set Up a New User
- Assign a User to a Role
- Change Duties on a Role
- Change Privileges on a Duty
- Assign a Permission to a Privilege

- Investigate Access
 - Lab : Create a New Security Role
After completing this module, students will be able to:
 - Describe the elements of Role Based Security in Microsoft Dynamics AX.
 - Setup a new user.
 - Assign roles to a user.
 - Assign a security role to a user.
 - Edit duties assigned to a role.
 - Edit privileges assigned to a duty.
 - Edit permissions assigned to a privilege.
 - Search for roles with access to a menu item.