

4 Days

## 80313: Development IV in Microsoft Dynamics AX 2012

The Development IV Dynamics AX 2012 training course provides in-depth knowledge of the programming architecture in Microsoft Dynamics® AX 2012. This four-day training course renders a perfect balance of case study & hands-on approach in customizing the system. This course also includes coding activities.

### Course Details

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#### Course Outline

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##### Module 1: Number Sequences

- Introduction to Number Sequencing
- Setup and Administration
- Extensibility Scenarios
- Using Number Sequences in Forms

##### Module 2: Framework Features

- Introduction to Framework Features
- Event Handlers for Customization
- Integration with Microsoft Dynamics AX
- Deploy .NET Assemblies for Interop
- Interop from X++
- Interop to X++

##### Module 3: Application Foundation Features

- Introduction to Foundation Features
- Extensible Data Security Policy Framework
- Case Management Framework
- Financial Dimension Framework
- Organization Model Framework
- Policy Framework
- Global Address Book

#### **Module 4: Use & Design of the Ledger Module**

- Introduction to Ledger Module
- General Ledger Overview
- Chart of Accounts
- Fixed Asset Overview
- Budgeting Overview
- Journals and Transactions

#### **Module 5: Use & Design of the Product Information Management Module**

- Introduction Product Information Management Module
- Managing Inventory Policies
- Inventory Dimensions

#### **Module 6: Use & Design of the Inventory and Warehouse Module**

- Introduction to Inventory & Warehouse Management Module
- Inquiries and Transactions
- Inventory Journals
- Quarantine and Quality Management
- Reservations and Marking

#### **Module 7: Use & Design of the Accounts Receivable and Accounts Payable**

- Introduction to Accounts Receivable & Accounts Payable
- Customers
- Vendors
- Payments
- Free Text Invoices
- Vendor Invoices
- Collection and Interest
- Bills of Exchange
- Promissory Notes

#### **Module 8: Use & Design of the Sales and Purchase Module**

- Introduction to Sales & Purchase Module
- Sales and Purchase Orders
- Agreements

- Charges
- FormLetter Framework

#### **Module 9: Use & Design of the Project Management and Accounting Module**

- Introduction
- Projects
- Work Breakdown Structure
- Journals and Transactions
- Budgets and Forecasting
- Project Contracts
- Invoicing
- Estimates and Revenue Recognition
- Project Management and Accounting Add-In

#### **Module 10: Use & Design of the Production Control Module**

- Introduction to Production Control
- Bill of Materials
- Production Orders
- Routes
- Scheduling
- Process Industries
- Planned Production Orders
- LEAN Manufacturing

#### **Module 11: Workflow**

- Introduction to Workflow
- Line-Item Workflows
- Workflow Providers
- Currency in the Condition Editor
- Hierarchy Type Fields in the Condition Editor
- Work Item Queues

#### **Module 12: Reporting**

- Introduction to Reporting
- Reporting Features Overview
- Report Data Overview
- Creating Basic Reports from a Query

- Manage Report Execution by Using X++
- Create a Precision Design Report from a Report Data Provider
- Print Management
- Business Logic in Report Data Methods

## Who Should Attend

The 80313 Development IV in Microsoft Dynamics AX 2012 is ideal for:

Experienced Systems Consultants who work for a Microsoft Dynamics partner that is consulting, selling, implementing, and supporting Microsoft Dynamics AX 2012.

## Pre Requisite

Before attending this course, candidates must have particularly:

- Knowledge of Microsoft Dynamics AX 2012

### Must Have Attended course:

- 80303: Development I in Microsoft Dynamics AX 2012
- 80304: Development II in Microsoft Dynamics AX 2012
- 80312: Development III in Microsoft Dynamics AX 2012

## Exams

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