

Development Environment Introduction in Microsoft Dynamics NAV 2017

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Duration- 5 Days

Module 1: Development Environment

- Object Designer
- 7 Objects & The Logical Database
- Managing Objects
- Properties and Triggers
- Team Development Features

Module 2: Tables

- What is a Table?
- Table Properties
- Table Triggers
- Field Properties
- Field Properties Data Types
- Table Relation Property - Regular
- Table Relation Property - Filtered & Conditional
- Keys
- Field Group
- Calculated Fields - Part 1
- Calculated Fields - Part 2
- Field Triggers
- Database Schema Synchronisation

Module 3: Pages

- What is a Page?
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- Page Properties - Part 2
- Page Triggers
- What are Controls? – Part 1
- What are Controls? - Part 2
- Create a card page
- Create a List page
- Control Properties
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- Using Page Parts
- What are actions?
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Module 4: Introduction to C/AL Programming

- Application Language and Triggers
- Identifiers, Syntax and Variables
- Intrinsic Data Types
- Arrays
- Assignment Statements
- Symbol Menu and Code Completion
- Expressions
- Relational Expressions
- Logical Expressions
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Module 5: C/AL Statements

- Statements
- Conditional Statements
- Repetitive Statements

Module 6: Built-In Functions

- Data Access Functions
- Sorting and Filtering Functions
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- String Functions
- Date Functions
- Numeric Functions
- System Functions
- Variables Functions
- ARRAY functions
- STREAM functions

Module 7: Custom Functions

- Functions & Parameters – Part 1
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- Make a custom function

Module 8: Reports

- Reports Components
- Report Design Process
- Creating the Data Model
- Properties: Report & Data Item Properties
- Properties: Column Properties
- Designing the RDLC Layout
- Designing the Word Layout
- Request Page Designer
- Report Triggers and Functions

Module 9: Codeunits

- CodeUnit Fundamentals
- Accessing Codeunits

Module 10: Query

- Query Designer: Selecting, Joining
- Query Designer: Filtering, Aggregating, Ordering
- Accessing Queries from C/AL - Part 1
- Accessing Queries from C/AL - Part 2
- Mapping Queries to T-SQL

Module 11: XMLports

- XMLPort Fundamentals
- Design XMLports
- XMLPort Properties
- Importing and Exporting Plain Text
- Using XMLPorts in C/AL Code