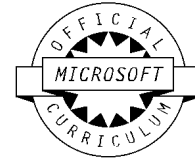


## Course Outline

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# 80438-Installation and Configuration in Microsoft Dynamics NAV 2013

**Duration:** 2 days (12 hours)



### Target Audience:

This course is intended for partner that sells and implements the Install and Configuration module to customers. The typical partner has an ERP background.

### Prerequisites:

Before attending this course, students must have:

- An understanding of Microsoft Windows Server and Client operating systems and Active Directory
- An understanding of Microsoft SQL Server 2008 or 2012

### Topics Covered:

#### ➤ Module 1: Architecture

- Microsoft Dynamics NAV 2013 Architecture
- The Client Options
- Installation Options

After completing this module, students will be able to:

- Understand the Microsoft Dynamics NAV 2013 architecture and its core components.
- Understand the client options supported in Microsoft Dynamics NAV 2013.
- Understand the different setup options.

#### ➤ Module 2: Installation Requirements

- Software Prerequisites for Microsoft Dynamics NAV 2013
- SQL Server Database Components
- Microsoft Dynamics NAV Server
- RoleTailored Client for Windows
- Microsoft Dynamics NAV Web Client
- Microsoft Dynamics NAV Portal Framework for Microsoft SharePoint 2010
- Microsoft Dynamics NAV Business Web Services
- Automated Data Capture System (ADCS)
- **Lab : Install the Three Tiers on Three Computers**
  - Provision a Service Account
  - Install SQL Server Database Components
  - Install Microsoft Dynamics NAV Server

- Install Microsoft Dynamics NAV RoleTailored Client for Windows

After completing this module, students will be able to:

- Understand the operating system and software prerequisites for Microsoft Dynamics NAV 2013.
- Select the correct Microsoft Windows Server Edition for the core components.
- Select the correct Microsoft SQL Server edition for the Microsoft Dynamics NAV 2013 environment.

➤ **Module 3: Microsoft Dynamics NAV Server**

- Microsoft Dynamics NAV Server
- Server Administration
- Wide Area Network Connections
- NAS Services
  - Lab : Managing NAV Server Instances
    - Install Database to an Existing SQL Server (Production Environment)
    - Setting Up the SQL Database for the Test Environment
    - Installing Microsoft Dynamics NAV Server (Production Environment)
    - Creating Server Instance for the Test Environment
    - Disabling Web Services
  - Lab : Setting up NAS Services
    - Creating a Server Instance
    - Setting Up NAS Services
    - Disabling Other Services
    - Restarting NAS Services

After completing this module, students will be able to:

- Explain how to install and configure Microsoft Dynamics NAV Server.
- Explain how to manage Microsoft Dynamics NAV Server instances.
- Explain how to administer Microsoft Dynamics NAV Server.
- Explain how to setup Microsoft Dynamics NAV Server to support wide area network connections.
- Illustrate how to setup Microsoft Dynamics NAV Application Server.

➤ **Module 4: Microsoft Dynamics NAV Client Installation**

- Install the RoleTailored Client for Windows
- Install Business Web Service Components
- Install Web Client
- Install Portal Framework for SharePoint 2010
- Support Wide Area Network Connections
- Add Client Languages
  - Lab : Create a Setup Configuration File
    - Create Setup File
  - Lab : Set Up the RoleTailored Client for Windows from the Command Line
    - Install the RoleTailored Client for Windows without the Development environment
    - Install the RoleTailored Client for Windows Together with the Development environment

After completing this module, students will be able to:

- Install Microsoft Dynamics NAV 2013 in a stand-alone environment.
- Install Microsoft Dynamics NAV 2013 RoleTailored clients for Windows on a network.
- Install Microsoft Dynamics NAV Web client.
- Install Microsoft Dynamics NAV Portal Framework for Microsoft SharePoint.
- Install additional languages.
- Explain how to configure the Microsoft Dynamics NAV RoleTailored client for Windows to support WAN connections.
- Explain how to install additional interface languages for Microsoft Dynamics NAV 2013.

➤ **Module 5: The Development Environment**

- Installation
- Managing Databases
- Managing Companies
- Managing Licenses
- Managing Objects
  - Lab : Create a Development Environment
    - Make a Backup of the Production Database
    - Create a New Database
    - Restore a Backup in the Development Database
  - Lab : Restore Company Data
    - Restore a Company in the Development Database
  - Lab : Alter the Database
    - Change the Start ID (UidOffset) Parameter

After completing this module, students will be able to:

- Install the Development environment.
- Explain how to manage databases, companies, licenses and objects.
- Explain the possibilities of the Demo License.
- Explain how to upload a Microsoft Dynamics NAV license.
- Explain the functionalities of the Object Designer.

➤ **Module 6: RoleTailored Client For Windows Personalization**

- RoleTailored Design
- Configuration
- Customize the Navigation Pane
- Customize Pages
  - Lab : RoleTailored Client for Windows Personalization
    - Configure the Sales Order Processor role center

After completing this module, students will be able to:

- Explain the RoleTailored Design principle.
- Explain the difference between personalization and configuration.
- Explain how to customize the different parts of the RoleTailored client for Windows user interface.

- Explain how to customize pages.
- Show how to enable and disable personalization in the RoleTailored client for Windows.

➤ **Module 7: Deployment**

- Deployment Process
- Deploy Microsoft Dynamics NAV 2013
  - Lab : Microsoft Dynamics NAV 2013 Deployment
    - Deploy Microsoft Dynamics NAV Clients
    - Create a GPO Console for the Software Installation GPO

After completing this module, students will be able to:

- Explain Software Deployment with Group Policy
- Deploy Microsoft Dynamics NAV 2013 client for Windows by using Group Policy

➤ **Module 8: Microsoft Dynamics NAV PowerShell**

- The PowerShell API
- PowerShell Commands
  - Lab : Administering NAV Server Using PowerShell API
    - Check the Server Status and License
    - Add a New User
    - Assign permission sets to the User

After completing this module, students will be able to:

- Explain how to start the Microsoft Dynamics NAV Administration Shell.
- Explain the general commands and parameters that can be used when administering Microsoft Dynamics NAV Server.
- Illustrate how to use the PowerShell commands to administer Microsoft Dynamics NAV Server.