



---

## MS Dynamics GP

### Course description

Microsoft Dynamics GP is a solution for organizations helping to maintain the financials, human resources, business intelligence & inventory along with its operation. It pulls all relevant data at one click on the screen needed for making decisive moves en-route to efficient organizational operation. A trained professional on this software takes a predominant role in any organization running professionally which experiences high growth rate

### Student Take away

- Study Material
- Learning stuff
- Sample project for practice

## MS Dynamics GP Online Training Curriculum

### System Requirements and SQL Server Installation

This module outlines the recommendations and the requirements that you must have to install Microsoft SQL Server 2012 and Microsoft SQL Server 2012 Express for use with Microsoft Dynamics GP 2013. Additionally, this module covers tips for optimizing the system in preparation for the installation of Microsoft Dynamics GP 2013. This includes network requirements and server configuration.

### Topics

- Microsoft Dynamics GP System Requirements
- Microsoft SQL Server 2012 Installation and Configuration
- Microsoft SQL Server 2012 Express Installation and Configuration
- SQL Server 2012 Books Online

### After completing this module, students will be able to:

- Identify the requirements and prerequisites for Microsoft Dynamics GP
- Install Microsoft SQL Server
- Install Microsoft SQL Server Express

### Data Server Installation and Utilities

This module explains how to select the location and features that will be installed to meet the organizations specific requirements

### Topics

- Microsoft Dynamics GP Installation
- Microsoft Dynamics GP Utilities

#### **Data Server Installation and Utilities continues...**

- Microsoft Dynamics GP Utilities - Basic Installation
- Microsoft Dynamics GP Utilities - Advanced Installation
- SQL Server Changes after System Database Initialization
- Microsoft Dynamics GP Utilities - Additional Tasks
- Troubleshoot Errors

**Lab:** Install Microsoft Dynamics GP

**Lab:** Run Microsoft Dynamics GP Utilities

#### **After completing this module, students will be able to:**

- Install Microsoft Dynamics GP
- Use Microsoft Dynamics GP Utilities to configure an installation
- Verify database initialization processes
- Troubleshoot errors

#### **Desktop Client Installation, Components and Maintenance**

This module explains how to complete an installation for a desktop client. It also discusses how to create an installation package, to install other desktop clients and provides background on key components and features that are available in Microsoft Dynamics GP to maintain the application for end users.

#### **Topics**

- Microsoft Dynamics GP Desktop Client Prerequisites, Requirements and Installation
- Client Installation Package
- Service Packs and Automatic Updates
- Installation Components and Files
- Identity Columns
- Stored Procedures

**Lab:** Create a Client Installation Package

#### **After completing this module, students will be able to:**

- Identify the hardware and software requirements for a Microsoft Dynamics GP desktop client
- Install Microsoft Dynamics GP on a desktop client
- Create an Installation Package
- Understand the role of service packs, automatic updates, identity columns and stored procedures have in Microsoft Dynamics GP

#### **Web Client Installation and Components**

This module describes the process that used is to install Microsoft Dynamics GP Web Client. The module also discusses the prerequisites and the requirements for an installation

### Topics

- Web Client Installation and Components
- Microsoft Dynamics GP Web Client Installation
- Navigation Comparison
- Troubleshooting the Microsoft Dynamics GP Web Client

### After completing this module, students will be able to:

- Identify the prerequisites and requirements for the Microsoft Dynamics GP Web Client
- Understand the components, infrastructure requirements, and user interface used by the Microsoft Dynamics GP web client
- Become familiar with troubleshooting steps that can help address issues that can occur when using the web client

### System Manager

This module discusses the setup of system and company settings such as home page, users, passwords, user security and preferences necessary when setting up Microsoft Dynamics GP

### Topics

- Home Page
- System Setup
- Security
- Advanced Financial Analysis Reports Security
- User Activity and Preferences
- Company Setup

### Lab: User Setup, Company Access and Security

- Set up a New User
- Grant User Access and Assign a Security Role
- Test New User Access and Security

### After completing this module, students will be able to:

- View and Edit Home Page components
- Create or modify system passwords
- Register Microsoft Dynamics GP
- Specify User Preferences
- Edit the Dynamics set Launch File
- Create Users and define Security for them
- Set up Company Information

### Post Installation Administration

This module explains the administrative tasks that are necessary after installation of Microsoft Dynamics GP to help ensure consistency and maintain performance of the system. It introduces the tools that are used to perform these tasks.

### Topics

- Database Options
- Database Backup Procedures
- Microsoft Dynamics GP - SQL Maintenance

- Drop and Create Auto Procedures
- Microsoft Dynamics GP Database Maintenance Utility
- SQL Database Maintenance (DBCC)
- Use the Microsoft SQL Server Maintenance Plan Wizard
- Microsoft Dynamics GP Maintenance Procedures

**Lab:** Back Up Database

**After completing this module, students will be able to:**

- Configure database options and back up Microsoft Dynamics GP databases
- Use SQL database maintenance procedures to maintain Microsoft Dynamics GP databases
- Use the Microsoft Dynamics GP Database Maintenance Utilities to maintain data

### **Optimize Performance and Troubleshooting**

This module discusses how to monitor performance and troubleshoot issues with Microsoft Dynamics GP and Microsoft SQL Server. It also includes considerations for when you use the Microsoft Windows Server operating systems.

#### **Topics**

- Windows Server Considerations
- SQL Server Configuration
- Optimize a SQL Relational Database
- Analyze Network and Microsoft SQL Server Performance
- Optimization Summary
- Troubleshooting - Identify the Issue
- Troubleshooting - Types of Issues and Resolution Sources
- Troubleshooting - Tools
- Batch Recovery Process

**Lab:** Microsoft SQL Server Memory Options

**Lab:** Using Microsoft SQL Profiler

**Lab:** Create a Dexsql.log

**After completing this module, students will be able to:**

- Apply the recommended settings for Microsoft Windows Server
- Use Windows Performance Monitor to analyze and troubleshoot system bottlenecks
- Optimize a SQL Relational Database
- Identify, categorize and troubleshoot technical issues in Microsoft Dynamics GP
- Recover an interrupted posting process in Microsoft Dynamics GP

## **Process Server**

This module covers the benefits of using the Process Server to increase performance and by using its functions to control, track, and report on remote processing.

### **Topics**

- Overview
- System Requirements
- Set Up Process Server
- Designate the Output Report Location
- Process Monitor
- Process Server Log

### **After completing this module, students will be able to:**

- Identify Process Server requirements and considerations
- Set up and configure a Process Server
- Modify the location of process server reports

## **Reporting**

This module provides information on the available reporting options in Microsoft Dynamics GP and what is needed from an installation and setup prospective to use these different reporting options.

### **Topics**

- Report Writer - Manage Reports and Report Security
- Microsoft SQL Server Reporting Services
- Microsoft SQL Server Report Builder
- Microsoft Dynamics GP Business Analyzer
- Microsoft Office Excel Reports Deployment and Configuration
- Microsoft Word Templates - Configuration and Maintenance
- Distribute Reports by Email
- Report Scheduler
- Management Reporter 2012 Installation and Configuration

**Lab:** Create a Modified Report

**Lab:** Create a Custom Report

**Lab:** Deploy Excel Reports

- Deploy the Excel Reports
- Review Deployment Results

**Lab:** Schedule a Report

- Configure Report Name
- Set Report to Publish Daily

### **After completing this module, students will be able to:**

- Explain and describe the types of reports that can be created in Report Writer

- Explain how to use the Report Builder
- Explain the Microsoft Dynamics GP Business Analyzer
- Deploy and manage Microsoft Excel Reports for Microsoft Dynamics GP
- Configure Microsoft Office Word Templates for Microsoft Dynamics GP
- Configure email distribution of reports
- Configure Report Scheduler
- Understand the installation process for Management Reporter

BLSR