INTRODUCTION TO MICROSOFT DYNAMICS GP MODIFIER WITH VISUAL BASIC FOR APPLICATIONS (VBA)

Training is a vital component of retaining the value of your Microsoft Dynamics™ investment. Quality training from industry experts helps keep you updated on your solution and develops skills to maximize the value of your solution. Whether choosing e-Learning, instructor-led training, or self-paced study using training manuals, there is a type of training that meets your needs. Additionally, validate your training and demonstrate your expertise with one of many Microsoft Dynamics certification designations. Choose the training or certification type that best enables you to stay ahead of the competition.

E-Learning

Online training for Microsoft Dynamics products helps you increase your productivity without spending time away from your home or office. e-Learning allows you to learn at your own pace through flexible access to training, therefore proving beneficial for those lacking the time or budget to travel. e-Learning is available as tutorials in the Foundation Library or as an eCourse.

Foundation Library

The Foundation Library is a fee-based collection of overview tutorials specific to the Microsoft Dynamics family of products. These tutorials have the following features:

- Covers a broad range of topics at a high level, and typically does not exceed 60 minutes in length.
- Provides tips and tricks to show you how to increase productivity and save time.
- Enables you to learn about the changes in features and functionality of a new version.
- Allows you to evaluate a new Microsoft Dynamics module or product.

Foundation Library subscriptions are available for individual purchase or through partner and customer service plans.

eCourses

eCourses are fee-based online training courses designed to cover detailed concepts on specific product areas and can allow you to:

- Gain in-depth technical and business application training through daily on-demand training.
- Learn at your own pace - lessons can be stopped and restarted, skipped or repeated.
- Save time and increase your productivity.
- Receive product knowledge comparable to instructor-led training without the need for travel or time away from the office.
- Gain beneficial training when preparing for Microsoft Dynamics certification exams.

Instructor-Led Training

With instructor-led training, you can gain a solid foundation or refresh your knowledge in Microsoft Dynamics products and processes while learning from an expert in an interactive environment. With courses on a variety of topics, you can:

- Follow demonstrations and attend presentations.
- Receive hands-on product experience.
- Participate in classroom activities and discussions with other attendees.
- Gain beneficial training when preparing for Microsoft Dynamics certification exams.

Courseware

Courseware can be ordered for the purpose of self-paced study. These materials are comparable to Courseware used with instructor-led training, and enable you to:

- Learn at your own pace, in your own time.
- Refer to an abundance of tips, tricks, and insights.
- Learn in a self-study format when preparing for Microsoft Dynamics certification exams.

For selected training manuals there are training extensions which cover country specific features in the product. These training extensions are separate training manuals designed to teach local functionality within a given country. Please notice that training extensions are used in conjunction with the Courseware, not as stand-alone training manuals.

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Certifications

The Microsoft Dynamics certification program recognizes an individual's expertise in working with a Microsoft Dynamics product for individuals as part of the Microsoft Dynamics certification program.

Microsoft Dynamics Certified Professional

The Microsoft Dynamics Certified Professional credential is intended for professionals who have demonstrated proficiency with at least one series of a Microsoft Dynamics product. In order to become a Microsoft Dynamics Certified Professional, candidates are required to pass one Microsoft Dynamics certification exam.

Microsoft Dynamics Certified Master

Microsoft Dynamics Certified Professionals are eligible to work toward one or more Microsoft Dynamics Certified Master credentials. Master level certifications are premier certifications on Microsoft Dynamics products. They are an accumulation of exams that satisfy a set of predefined requirements. Each master level certification track contains a core group of required exams and variety of elective exams, in which a specified number needs to be taken to achieve certification. Together with the core exams, elective exams provide a valid and reliable measure of proficiency and expertise on a specific Microsoft Dynamics product.

When an individual achieves a Master level certification, he or she has demonstrated an extensive knowledge base on a Microsoft Dynamics product, much more than what is needed to achieve a Professional level certification.

Training for Microsoft Dynamics can help you develop the skills you need to do your job. However, Microsoft does not expect or intend a course to be the sole preparation method for passing a certification exam. To help prepare for a certification exam, Microsoft highly recommends the use of the *preparation guides* available for each exam. Preparation guides contain valuable information about a specific exam, including:

- The target audience
- Skills being measured
- Time & pass requirements
- Question types and topics
- Preparation tools, such as:
  - recommended training
  - supplemental learning resources
  - additional recommended skills

NOTE: *For more information on eLearning, instructor-led training, Courseware, training manuals and certifications for Microsoft Dynamics products visit http://www.microsoft.com/businesssolutions→SERVICES→TRAINING, or email mbsuniv@microsoft.com.*

Microsoft Dynamics Training Courseware Elements

Training Courseware for Microsoft Dynamics products contains a number of sections or elements. Each chapter includes the following elements:

Objectives

Each chapter begins with a statement of the learning objectives for that chapter. Learning objectives are important because they inform you about what needs to be done to successfully complete the chapter.

Introduction

An introduction sets the stage for the learning to take place and prepares you with key statements of the chapter.

Topics

Chapters are split up into topic areas, usually according to the learning objectives for the chapter. This is especially beneficial in large chapters so that the knowledge and skills to be learned are split up into more manageable units.

Test your Knowledge

The Test your knowledge section consists of review questions for each chapter or topic and is designed to help reinforce learning concepts. Questions can be short answer, true and false, multiple-choice, fill-in-the-blank or any other type. Answers to questions are also provided.

Conclusion

The conclusion wraps up the chapter by highlighting the important parts of the chapter as well as providing a transition to the next chapter. The conclusion also offers an opportunity to refresh earlier learning.

Labs

Labs test your skills with the learning concepts presented and learned during a topic or chapter. Labs begin with a scenario paragraph which describes the business problem to be solved, and also sets the stage for the exercise. Solutions to the labs are also provided. Labs may be offered at different levels to accommodate the variety of skills and expertise of each student.

Challenge Yourself!

Challenge Yourself! labs are the most challenging. These exercises are designed for the experienced student who requires little instruction to complete the required task. This level of exercise states the business problem to be solved and describes the tasks the learner needs to complete.

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Need a Little Help?

These exercises are designed to challenge students while providing some assistance. These exercises do not provide step-by-step instructions; however, they provide the user with helpful hints and more information to complete the lab.

We suggest you try the "Challenge Yourself!" labs first, and if you need help completing the task, look to the information in the "Need a Little Help?" labs.

Quick Interaction: Lessons Learned

At the end of each chapter within the Microsoft Dynamics Training Courseware, you will find a Quick Interaction: Lessons Learned page. This interaction is designed to provide you with a moment to reflect on the material you have learned. By outlining three key points from the chapter, you are maximizing knowledge retention, and providing yourself with an excellent resource for reviewing key points after class.

About This Course

This section provides you with a brief description of:

- The course
- Audience
- Suggested prerequisites
- Course objectives
- Student materials
- Related certification exams

Description

The three-day Microsoft Dynamics™ GP Modifier with VBA course explores using the Modifier and VBA tool to customize Microsoft Dynamics GP windows and reports. This course shows you how to modify windows based on user needs, make global changes to graphics and text, and add fields to forms. This course will also show you how to add VBA programming code to enhance the functionality of Microsoft Dynamics GP windows and reports.

A thorough understanding of these tools allows you to integrate data from Dynamics GP to external applications. You will learn how to work with third-party dictionaries within the VBA project. This course also teaches you how to change default values, populate data fields, and store and retrieve data saved in your own tables.

Audience

Individuals desiring to increase their knowledge and the skills necessary to customize Dynamics GP windows and reports. Modifier with VBA training is recommended for anyone who plans to customize Microsoft Dynamics GP. The class is targeted toward developers or end users. Some knowledge of programming is helpful but not required

At Course Completion

After completing this course, students should be able to:

- Modify Dynamics GP windows and reports to expand the functionality of the solutions
- Customize Dynamics GP to suit user needs
- Control security for modified windows and reports to ensure proper access to approved users
- Capture and store additional data within the system while maintaining integration to the financial series
- Integrate external data with Dynamics GP using Active Data Objects (ADO)
- Reference data within Third Party dictionaries

Prerequisites

Before attending this course, students must have:

- General knowledge of Microsoft® Windows®
- Working knowledge of Microsoft Dynamics™ GP
- Basic knowledge of database and programming i.e., experience with database using tools such as Microsoft® Visual Basic® and Microsoft® Access is recommended.

Student Materials

The student materials include a comprehensive workbook and other necessary items for this class.

Certification Exams

Certified Professional – MBS Dynamics GP Modifier with VBA

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Student Objectives

What do you hope to learn by participating in this course?

List three main objectives below.

1.

2.

3.

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