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Microsoft PowerPoint VBA

Duration: 2 Days

Overview:

Get more done in less time by automating Office tasks

Even if you're not a programmer, you can quickly learn to write macros, automate tasks, and create custom applications for Microsoft PowerPoint with Aspect Training's Microsoft PowerPoint VBA Course.

You'll jump right into the basics of recording and running macros with Office's built-in Macro Recorder, before quickly moving to the essentials of VBA syntax, using loops and functions, building effective code, and programming applications PowerPoint

Coverage includes:

- Understanding the essentials of VBA syntax
- Using the Macro Recorder
- Creating code from scratch with the Visual Basic Editor
- Finding the objects, methods, and properties you need
- Using loops to repeat actions in your code and adding If statements for flexibility
- Adding more choices with message, input, and dynamic dialog boxes
- Building, debugging, and securing your code
- Automating Presentations and Shapes
- Using PowerPoint events.

Prerequisites:

Delegates should have an advanced knowledge of PowerPoint. No programming experience is necessary but would be useful.

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Course Topics:

Recording Macros and Getting Started with VBA.

Recording and Running Macros in PowerPoint.
Getting Started with the Visual Basic Editor.
Editing Recorded Macros.
Creating Code from Scratch in the Visual Basic Editor.

Learning How to Work with VBA.

Understanding the Essentials of VBA Syntax.
Working with Variables, Constants, and Enumerations.
Using Array Variables.
Finding the Objects, Methods, and Properties You Need.

Making Decisions and Using Loops and Functions.

Using Functions.
Creating Your Own Functions.
Making Decisions in Your Code.
Using Loops to Repeat Actions.

Using Message Boxes, Input Boxes, and Dialog Boxes.

Getting User Input with Message Boxes and Input Boxes.
Creating Simple Custom Dialog Boxes.
Creating Complex Dialog Boxes.

Creating Effective Code.

Building Modular Code and Using Classes.
Debugging Your Code and Handling Errors.
Building Well-Behaved Code.
Securing Your Code with VBA's Security Features.

Objects and Collections

Reviewing the PowerPoint Object Model
The PowerPoint Application Object
The Presentation Object
The Shapes Object

Important PowerPoint Events

The Presentation New Event
The Presentation Open Event
The Presentation Save Event
The Presentation Close Event
The Presentation New Slide Event