

PowerPoint VBA Introduction - 2 days

Prerequisites:

Knowledge of PowerPoint up to Advanced level. No prior knowledge of PowerPoint macros or Visual Basic for Applications (VBA) is required. If delegates already have such knowledge then the course could be suitably tailored to meet requirements, by concentrating on more advanced topics.

Note:

This course is designed to concentrate on the programming aspects of PowerPoint, notably macros and Visual Basic for Applications (VBA).

Exercises:

This course is instructor led, involving the utilisation of examples and exercises in a workshop environment.

Recording macros

- Avoiding the common problems
- Understanding the limitations
- How to run a Macro
- Customising toolbars
- Assigning shortcut key

Editing recorded code

- Finding and reading the code
- Modules
- Comments
- Keywords
- Statements

Functions

- Creating and using functions on worksheets and in VBA code

Debugging

- How to respond to an error
- The debug window
- The watch window
- The immediate pane

Looping

- For-Next loop
- Do-Loop
- Nested Loops

Variables

- Using and declaring variables to store data

Making decisions

- If statement
- Block-If statement
- Else-If
- Select-Case

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
- The Presentation Print Event
- The Presentation Slide Show Begin & End