

This course covers the following topics (any items marked with a * will be covered if time allows):

<p>Revision of VBA</p> <ul style="list-style-type: none"> • Objects and collections • Methods and properties • Using object variables • Looping over collections <p>Links to other applications</p> <ul style="list-style-type: none"> • Referencing other applications • Instantiating objects • Writing inter-application code <p>FileSystemObjects</p> <ul style="list-style-type: none"> • Referencing FileSystemObjects • Working with files and folders <p>FileDialogs</p> <ul style="list-style-type: none"> • Using FileDialogs • Allowing multiple selection 	<p>Working with text files</p> <ul style="list-style-type: none"> • Avoiding using INPUT/OUTPUT • Reading and writing text files <p>Class modules</p> <ul style="list-style-type: none"> • What is a class? • Designing classes • Creating properties and methods • Consuming classes <p>Advanced class modules topics (*)</p> <ul style="list-style-type: none"> • Untyped collections • Creating typed collections • Creating event sinks <p>Linking to data</p> <ul style="list-style-type: none"> • ADO or Access Database Engine • Referencing the right library • Opening and using recordsets 	<p>Arrays</p> <ul style="list-style-type: none"> • Creating and populating arrays • Dynamic arrays • The PRESERVE keyword <p>Passing arguments</p> <ul style="list-style-type: none"> • ByRef and ByVal • Using optional arguments • Using ParamArray <p>Advanced programming ideas (*)</p> <ul style="list-style-type: none"> • Using functions in code • Recursive programming • Enumerations <p>Working with shapes (*)</p> <ul style="list-style-type: none"> • Adding shapes • Positioning shapes • Formatting shapes
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There will be no more than 6 people on the course. We strongly recommend the use of a second monitor for this training. For more information, see www.wiseowl.co.uk/vba-macros/online/visual-basic-vba/.