



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>Class modules</p> <ul style="list-style-type: none">• What is a class?• Designing classes• Creating properties and methods• Consuming classes	<p>Functions</p> <ul style="list-style-type: none">• Declaring functions• Passing arguments
<p>Links to other applications</p> <ul style="list-style-type: none">• Referencing other applications• Instantiating objects• Writing inter-application code	<p>Advanced class modules topics (*)</p> <ul style="list-style-type: none">• Untyped collections• Creating typed collections• Creating event sinks	<p>Advanced programming ideas (*)</p> <ul style="list-style-type: none">• Using functions in code• Recursive programming• Enumerations
<p>FileSystemObjects</p> <ul style="list-style-type: none">• Referencing FileSystemObjects• Working with files and folders	<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>Working with shapes (*)</p> <ul style="list-style-type: none">• Adding shapes• Positioning shapes• Formatting shapes
<p>FileDialogs</p> <ul style="list-style-type: none">• Using FileDialogs• Allowing multiple selection	<p>Arrays</p> <ul style="list-style-type: none">• Creating and populating arrays• Dynamic arrays• The PRESERVE keyword	
<p>Working with text files</p> <ul style="list-style-type: none">• Avoiding using INPUT/OUTPUT• Reading and writing text files	<p>Passing arguments</p> <ul style="list-style-type: none">• ByRef and ByVal• Using optional arguments• Using ParamArray	

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works [here](https://www.wiseowl.co.uk/). For more information, see <https://www.wiseowl.co.uk/>.