

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

<p><b>Revision of VBA</b></p> <ul style="list-style-type: none"> <li>• Objects and collections</li> <li>• Methods and properties</li> <li>• Using object variables</li> <li>• Looping over collections</li> </ul> <p><b>Links to other applications</b></p> <ul style="list-style-type: none"> <li>• Referencing other applications</li> <li>• Instantiating objects</li> <li>• Writing inter-application code</li> </ul> <p><b>FileSystemObjects</b></p> <ul style="list-style-type: none"> <li>• Referencing FileSystemObjects</li> <li>• Working with files and folders</li> </ul> <p><b>FileDialogs</b></p> <ul style="list-style-type: none"> <li>• Using FileDialogs</li> <li>• Allowing multiple selection</li> </ul> <p><b>Working with text files</b></p> <ul style="list-style-type: none"> <li>• Avoiding using INPUT/OUTPUT</li> <li>• Reading and writing text files</li> </ul>	<p><b>Class modules</b></p> <ul style="list-style-type: none"> <li>• What is a class?</li> <li>• Designing classes</li> <li>• Creating properties and methods</li> <li>• Consuming classes</li> </ul> <p><b>Advanced class modules topics (*)</b></p> <ul style="list-style-type: none"> <li>• Untyped collections</li> <li>• Creating typed collections</li> <li>• Creating event sinks</li> </ul> <p><b>Linking to data</b></p> <ul style="list-style-type: none"> <li>• ADO or Access Database Engine</li> <li>• Referencing the right library</li> <li>• Opening and using recordsets</li> </ul> <p><b>Arrays</b></p> <ul style="list-style-type: none"> <li>• Creating and populating arrays</li> <li>• Dynamic arrays</li> <li>• The PRESERVE keyword</li> </ul> <p><b>Passing arguments</b></p> <ul style="list-style-type: none"> <li>• ByRef and ByVal</li> <li>• Using optional arguments</li> <li>• Using ParamArray</li> </ul>	<p><b>Functions</b></p> <ul style="list-style-type: none"> <li>• Declaring functions</li> <li>• Passing arguments</li> </ul> <p><b>Advanced programming ideas (*)</b></p> <ul style="list-style-type: none"> <li>• Using functions in code</li> <li>• Recursive programming</li> <li>• Enumerations</li> </ul> <p><b>Working with shapes (*)</b></p> <ul style="list-style-type: none"> <li>• Adding shapes</li> <li>• Positioning shapes</li> <li>• Formatting shapes</li> </ul>
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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/>.