



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

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