

Course Aims:

This course is design to provide programmers with the essential skills and knowledge necessary to allow them to become competent in developing simple VB applications.

Course Outline:

<p>The Microsoft Visual Basic IDE:</p> <ul style="list-style-type: none">• The menus in the IDE• The IDE toolbars• The IDE Windows• Objects, Forms and controls• Coding Event procedures• Naming Conventions <p>Controls:</p> <ul style="list-style-type: none">• Textbox• Label• Command Button• Option Button• Frame• Checkbox• Listbox• Combobox• Scrollbars• Timer• Picturebox• Toolbar• Common Dialog• Imagebox <p>Programming in VB:</p> <ul style="list-style-type: none">• Procedures & Functions• Arguments• GoTo statement• If statement• Logical Operators• Select Case statement• Loop statements• With statement• Error trapping• Comments <p>Variables:</p> <ul style="list-style-type: none">• Declaration of Variables• Initialisation• Scope of variables• Persistency• Arrays• Constants	<p>Control Arrays:</p> <ul style="list-style-type: none">• Creating control arrays• Adding & removing elements at run time• Control array events• Saving code using control arrays <p>Drag & Drop:</p> <ul style="list-style-type: none">• The MouseMove event• The DragOver event• The DragDrop event <p>Menus:</p> <ul style="list-style-type: none">• The Menu editor• Design considerations <p>The Data Control:</p> <ul style="list-style-type: none">• Properties & methods• Binding• Other data controls <p>File I/O:</p> <ul style="list-style-type: none">• Sequential (text) files• Binary files• File management <p>The Windows Clipboard:</p> <ul style="list-style-type: none">• GetText• SetText <p>MDI:</p> <ul style="list-style-type: none">• MDI Parent forms• MDI Child forms• Menus & toolbars in MDI applications• Coding MDI Applications <p>Debugging:</p> <ul style="list-style-type: none">• Break mode• Step by step execution• Interrogating variables <p>Creating an executable file</p> <p>The VB MSDN help system</p>
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Target Audience:

Systems and applications programmers who will be developing systems in VB. Anyone who wants a practical understanding of VB will benefit from this course. It is suitable for software engineers who want to expand their knowledge in a powerful all-purpose language and managers who want to manage VB programming projects.

Assumed Knowledge:

Participants should have a basic knowledge of programming techniques and at least one programming language such as COBOL, BASIC, FORTRAN or the like.