

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

<p>Designing classes</p> <ul style="list-style-type: none">• What classes are• Examples of using classes• Property or method? <p>Creating classes</p> <ul style="list-style-type: none">• Instantiating objects• RO, WO and RW properties• Creating methods• Overloading methods <p>Lists</p> <ul style="list-style-type: none">• The wonderful VB list• Adding and removing items• Finding items <p>Basic LINQ syntax</p> <ul style="list-style-type: none">• Creating queries• Executing a query• Immediate and deferred execution	<p>Selecting data with LINQ</p> <ul style="list-style-type: none">• The WHERE clause• Selecting fields• Using LET for expressions <p>LINQ data sources</p> <ul style="list-style-type: none">• The IEnumerable interface• Arrays and lists• Other valid data sources <p>Types of EF model</p> <ul style="list-style-type: none">• Code first - pros and cons• Model first disadvantages• Database first <p>Entity frameworks</p> <ul style="list-style-type: none">• Database first entity models• Updating models	<p>LINQ and EF</p> <ul style="list-style-type: none">• Selecting rows/columns• Inserting rows• Deleting rows• Updating data <p>Advanced EF LINQ</p> <ul style="list-style-type: none">• Anonymous types• Stored procedures• Partial classes
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There will be no more than 6 people on the course. All of our public (scheduled) courses include lunch at a local restaurant.

For more information, see www.wiseowl.co.uk/courses/intermediate-vb.htm.