

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

#### Visual Studio basics

- The various windows
- Solutions and projects
- Windows versus web applications

#### Creating forms

- Designing your form
- Basic toolbox controls
- Attaching code to events
- RichTextBox controls

#### Examples of controls

- MaskedTextBox and RichTextBox
- Controls for choosing dates
- Using WebBrowser controls

#### Basic coding

- Showing screen messages
- Commenting code
- IF conditions and loops
- Using ME or THIS

#### Variables and properties

- The main types of variable
- Variable scope
- Creating your own properties

#### Constants, arrays and enumerations

- Constants versus resources
- Enumerations
- Static and dynamic arrays

#### Validating forms

- Validating events
- Using ErrorProviders
- Using NumericUpDowns
- Special date controls

#### File handling

- StreamReaders/Writers
- The standard file dialogs

#### Menus and toolbars

- ToolStripContainers
- Creating toolstrips and menustrips

#### Debugging and error handling

- Debugging and breakpoints
- Interpreting errors
- Using Try / Catch

#### Data sources

- Creating data sources
- Creating databases
- Binding combo boxes to data

#### DataGridViews

- Binding datagridviews
- Changing column properties
- Formatting and positioning
- Handling datagridview events

#### Customising DataGridViews

- Adding DropDowns
- Adding ComboBoxes
- Filtering DataGridViews
- Linking to single record forms

#### Basic deployment

- Deployment issues
- ClickOnce deployment

There will be no more than 6 people on the course. All courses include lunch at a nearby restaurant. Please see our [website](#) for [references](#), or [email us](#) if you have any questions.