



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

### A quick C# primer

- Writing methods
- Using variables
- Using namespaces

### Script tasks

- Message boxes
- Setting return status

### Variables in script

- Passing variables in/out
- Referencing in code

### Script components

- Input and output flows
- Manipulating values in script

### Sending mail

- Limitations of the Send Mail task
- The System.Mail namespace
- Sending emails in code

### Accessing file attributes

- FileInfo and DirectoryInfo
- Accessing file properties
- Filtering by file date/time

### Dynamic expressions

- Using expressions for properties
- Ideas for expressions to use

### Advanced loops

- Looping over XML files
- Looping over items
- FOR loops

### Using package parts

- Storing components for reuse
- Using package parts

### Logging and auditing (\*)

- Logging to text files
- Logging to SQL Server
- Audit transforms

### Events (\*)

- Creating an event
- Pre- and post-execute events
- Error-handling using events

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/>.