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. For more information, see https://www.wiseowl.co.uk/.