

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

<p>A quick C# primer</p> <ul style="list-style-type: none">• Writing methods• Using variables• Using namespaces	<p>Sending mail</p> <ul style="list-style-type: none">• Limitations of the Send Mail task• The System.Mail namespace• Sending emails in code	<p>Caching data</p> <ul style="list-style-type: none">• Cache connection managers• Using cache files in lookups
<p>Script tasks</p> <ul style="list-style-type: none">• Message boxes• Setting return status	<p>Accessing file attributes</p> <ul style="list-style-type: none">• FileInfo and DirectoryInfo• Accessing file properties• Filtering by file date/time	<p>Using package parts</p> <ul style="list-style-type: none">• Storing components for reuse• Using package parts
<p>Variables in script</p> <ul style="list-style-type: none">• Passing variables in/out• Referencing in code	<p>Dynamic expressions</p> <ul style="list-style-type: none">• Using expressions for properties• Ideas for expressions to use	<p>Logging and auditing (*)</p> <ul style="list-style-type: none">• Logging to text files• Logging to SQL Server• Audit transforms
<p>Script components</p> <ul style="list-style-type: none">• Input and output flows• Manipulating values in script	<p>Advanced loops</p> <ul style="list-style-type: none">• Looping over XML files• Looping over items• FOR loops	<p>Events (*)</p> <ul style="list-style-type: none">• Creating an event• Pre- and post-execute events• Error-handling using events

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/advanced-ssis.htm.