## Fanuc – Macro B

### Day 1

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<tr>
<th>Start</th>
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<tbody>
<tr>
<td>9:00am</td>
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- Introduction and explanation
- Local Variables
- Common Variables
- System Variables (PMC) Conditions
- Work piece Offset Variables
- Tool Offset Variables
- Custom Alarms
- Reading Positional Data
- Timers & counters
- Test Piece 1 (Checking offsets are in tolerance)

### Day 2

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- Test Piece 2 (Stop a Sub being called without the main prog)
- Automatic operation control
- Reading Modal information
- Trigonometry
- Rounding functions
- Various calculations
- DPRNT Function
- Test Piece 3 (P.C.D)

### Day 3

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- GOTO Statements
- IF Statements
- WHILE Statements
- Creating custom cycles
- Creating custom G codes
- Creating custom M codes
- Test Piece 4 (Thread Milling)
- Test Piece 5 (Ellipse)
- PMC and Macro integration