



MECHANICAL COURSE

Course title : DF1 Doosan & Fanuc Maintenance Single Spindle Lathe
Course length : 2 days **Course cost** : £500.00 (+ VAT)

Day 1

Start Time

Finish Time

Turret index mechanism.
 Identify components and method of operation.
 Spindles.
 Bearing assembly.
 Position Coder Replacement.
 Fault Finding.
 Alignment Procedure.
 Spindles.
 Turrets.
 Grid Shift & Backlash adjustment.
 Axes Assembly "X" "Z" ("Y").
 Ballscrew gib adjustment.
 Bearing replacement procedure.
 Motor & Pulse Coder Replacement.

9:30 AM

5:00 PM

Day 2

Start Time

Finish Time

Toolsetter.
 Calibration & Operation.
 Touch Sensor Replacement Procedure.
 Lubrication System.
 Routine Maintenance.
 Flow Rate checking and replacing flow units.
 Preventative Maintenance.
 Oil Level checking & Cooling Fan Inspection.
 Wiper Inspection.
 Belt Inspection and Tensioning.

9:00 AM

4:00 PM

NB: Machine availability for use on maintenance will vary, and will be advised on the day.