



PROGRAMMING COURSE

**Course title : T5 Turning Course Training Module for Fanuc Controls.
OTT/16TT/18TT/21TT /30T.**

Twin Turret with Single or Twin Spindle.

Course length : 2 days

Course cost : £300.00 (+ VAT)

Day 1: Monday

Start Time

Finish Time

Tool Offset & Cutter Compensation on Main Spindle.
Balanced Cutting on Main Spindle using Upper & Lower Turrets.
Using Wait Codes M900~M999.
Spindle Control & M codes.
Passover Program OR Tailstock Use.
Synchronise Spindles (TT only).
G131 Soft Push & G300 Soft Pull.
G54~G59 Use of Work Co-ordinates.
Orientation of Spindles for C Axis Work.
C Axis Drilling on Main Spindle using Upper & Lower Turrets.
C Axis Milling on Main Spindle using Upper & Lower Turrets.
Program Examples using the above information.

9:30 AM

5:00 PM

Day 2: Tuesday

Start Time

Finish Time

Tool Offset & Cutter Compensation on Sub Spindle.
Balanced Cutting on Sub Spindle using Upper & Lower Turrets.
Spindle Control & M codes.
G54~G59 Use of Work Co-ordinates.
Orientation of Spindles for C Axis Work.
C Axis Drilling on Sub Spindle using Upper & Lower Turrets.
C Axis Milling on Sub Spindle using Upper & Lower Turrets.
Y Axis Thread Milling on Main & Sub Spindle using Upper Turrets.
Programming towards Sub Spindle.
Programming Examples using the above data.

9:00 AM

5:00 PM

NB 1: Machine availability for use on examples will vary and will be advised upon on the day.

NB 2: T5 course follows on from the T1, T2, T3 & T4 Turning Courses and all four courses may be required.