57-Programming and Operating CNC Turning Machines (Advanced Level)

Course Duration	Target Audience	Language	No.Trainees
25 hours	Technician/Engineer CNC Turn	English	12:24

Content
- Absolute and incremental programming (G90/G91).
- Test the program with 3d-view and dry run.
- Rapid traverse and linear interpolation (G0/G1).
- Circular interpolation clockwise and counter clockwise(G2/G3).
- Cutter radius compensation CRC(G41/G42).
- Thread cutting (G33).
- Fixed cycle on turn machine (G73/G74/G72/G77/G78/G83/G84/G85).
- Sub program call (M98/M99).
- The C-axis.

Objective
- Input a CNC program to the machine with G-codes.
- Make a CNC program with roughing and finishing cycle.
- Recess cycle, threadcycle, drillingcycles.
- Subprogram, and knowledge about the C-axis.

Prerequisites
The trainee must have a course in operating and programming CNC turn level 1.