

58-Programming and Operating CNC Milling Machines (First Level)

| <u>Course Duration</u> | <u>Target Audience</u> | <u>Language</u> | <u>No.Trainees</u> |
|------------------------|---------------------------------|-----------------|--------------------|
| 25 hours | Technician/Engineer CNC Turn | English | 12:24 |

Content

- Introduction
- Numerical Control and Computer Numerical Control NC/CNC.
- Comparison between conventional machines and CNC machines.
- Zero offset on CNC machines.
- Tool offset on CNC machines.
- Data input on CNC machines.

Objective

- The trainee must be able to switch on/off the machine.
- Set the zero offset.
- Set the tool offset.
- Input a CNC program to the machine with G-codes.

Prerequisites

The trainee should have a background of conventional machine and metal cutting, speed and feed.
