

## 56-Programming and Operating CNC Turning 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 machines and metal cutting, speed and feed.