

1. Process gas
2. Cutting nozzle
3. Nozzle offset
4. Cutting speed
5. Molten material
6. Dross
7. Cut roughness
8. Heat affected zone
9. Kerf width

IKUSASA®

CNC TRAINING CENTRE

WE ARE THE FUTURE

G-CODE

INTERMEDIATE MILLING

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G-CODE COURSES

Intermediate G-Code Milling

Requirements: Completion of Introductory G-Code Milling is essential

Duration: 3 Days

Time: 08:30 - 16:00

Inclusions: Catering & Refreshments (full time inhouse training), relevant stationary, competency certificate, Machine Control Presentation, Training Manual (theory), Fanuc Control, Simulator Software, Tooling – Feeds & Speeds.

OVERVIEW

Once users familiarise themselves with the various types of G-Codes and M-Codes, along with the associated terminology, the intermediate course will focus on reading, writing, and comprehending a program. The primary goal of this course is to enable participants to successfully create a functional program. This course is specifically tailored to the milling environment.

This course emphasises the functions of CNC machines, while also delving deeper into canned cycles and additional features.

The course consists of 3 days in-class where we cover the complete basics in terms of:

- Canned Cycles
- Planning
- Technical Details
- Fanuc Control simulator software
- Sub Programmes
- CNC Mathematics
- Incremental Programming