

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

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G-CODE

ADVANCED MILLING

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G-CODE COURSES

Advanced G-Code Milling

Requirements: Completion of Intermediate 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, Mathematics sets.

OVERVIEW

Our advanced course delves deeper into the complex mathematics associated with programming in the Milling environment. It provides an in-depth exploration of advanced trigonometry. Upon finishing this course, participants will be equipped to write and accurately calculate programs.

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

- Trigonometry
- Fanuc Control simulator software
- In-class tests – sub programmes
- Down Feed calculations
- Table Feed calculations