

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 TURNING

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G-CODE COURSES

Intermediate G-Code Turning

Requirements: Completion of Introductory G-Code Turning 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 are familiar with the various types of G-Codes and M-Codes, as well as the related terminology, the intermediate course focuses on reading, writing, and comprehending a program. The primary goal of this course is to enable you to successfully create a functional program. This course is specifically designed for the turning environment, tailored for fitters and turners.

This course centers on the functions of CNC machines while also delving deeper into planning canned cycles and machining strategies.

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
- CNC Mathematics
- Incremental Programming