

- 1. Spindle speed
- 2. Cutting nozzle
- 3. Nozzle offset
- 4. Cutting speed
- 5. Workpiece material
- 6. Workpiece
- 7. Surface roughness
- 8. Heat-affected zone
- 9. Kerf width

IKUSASA

CNC TRAINING CENTRE

WE ARE THE *FUTURE*

EDGE CAM

ADVANCED MILLING

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EDGECAM COURSES

EDGECAM Advanced Milling

Requirements: EDGECAM Basic Milling & Turning Training compulsory.

Duration: 3 Days

Time: 08:30 - 16:00

Inclusions: Catering & Refreshments (full time in-house training), relevant stationary, competency certificate.

OVERVIEW

This course covers advanced features of EDGECAM, exploring various cycles and differences between standard and advanced modules. The final day includes a focus on 4-Axis Positioning and workplan creation.

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

- Creating surfaces.
- Editing surfaces, blending, trimming, extending surfaces.
- Surface dependencies.
- Advanced/Ultimate milling Cycles.
- Flow surfaces cycles
- Project toolpath cycles
- Pencil milling.
- Constant cusp finish.
- Creating surfaces from solid.
- Cycles with better finishing especially for mold machining.
- Creating of Work Planes/Work Datum
- Editing work Planes, transferring and Rotating.
- Unwrap radial components for machining.
- 4th Axis rotary machining on A/B Axis machine.
- 4th Axis index machining on Ba Axis machine.
- Use of Quill, Z2 Axis.
- Turning in Milling Machine.