

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

IKUSASA

CNC TRAINING CENTRE

WE ARE THE *FUTURE*

EDGE CAM STANDARD TURNING

www.ikusasatraining.co.za

EDGECAM COURSES

EDGECAM Standard Turning

Requirements: General computer skills is compulsory.

Duration: 1 Day (Available Upon Request)

Time: 08:30 - 16:00

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

OVERVIEW

EDGECAM is a market leading computer aided manufacturing (CAM) system for NC part programming. With unparalleled ease of use and sophisticated tool-path generation, it's the only CAM system you'll need for milling, turning and mill-turn machining.

EDGECAM utilises your in-house knowledge and experience to drive the CAM process with automation tools to suit different applications – allowing you to maintain your competitive edge.

The course consists of 1 day in-class where we cover the complete basics in terms of:

- Automated Radial Hole feature nding and Machining.
- Planar and Radial Feature Finding.
- Understanding Radial Features (Rotary Feature Machining)
- Axis feature machining.
- Understanding Planar Feature (Y feature machining)
- All Standard Milling Cycles.
- Machining with a C & Y Axis in Turning
- Understanding Polar & True Polar – G12.1 (G112.1).
- Creating Work Planes.
- Move Tool Angular.
- Move the Tool Index if the machine is capable.
- Creating wireframe Rotary geometries.