

- 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*

ALPHACAM CORE

www.ikusasatraining.co.za

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1. ...
 2. ...
 3. Nozzle offset
 4. Cutting speed
 5. Molten material
 6. Drross
 7. ...
 8. ...
 9. Kerf width

ALPHACAM COURSES

ALPHACAM Core

Requirements: General computer skills are mandatory.

Duration: 2 Days (Available Upon Request)

Time: 08:30 - 16:00

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

OVERVIEW

ALPHACAM is intelligent and intuitive CAD/CAM Software for Woodworking, Metal and Stone Cutting. The emphasis behind ALPHACAM is to provide customers with productivity, reliability and exhibility. This can be found in all our modules

Our ALPHACAM Core training course is designed for your every-day user who could be a woodworker, this course covers the complete basics of ALPHACAM software leaving the delegate with a basic understanding of how to operate ALPHACAM software.

The course consists of 2 days in-class where we cover the complete basics in terms of:

1. 2D Drawing & Designing

- AlphaCAM Interface
- Basic designing fundamentals
- Designing basic 2D Shapes
- Designing 2D Projection drawings
- Editing drawings; Chamfer, radii, trimming, extending entities, changing circle sizes, joining lines, breaking lines
- Loading DXF les to Alphacam
- Common line removal tools

1. Cutting speed
2. Cutting tool
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6. Dross
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2. 2D Machining

- Setting tool Directions on drawings
- Fixing problematic adjoining lines
- Creating basic tools
- Creating Custom/Form Tools
- Pocket machining
- Rough Profile shape machining
- Drilling operations
- Applying compensation to toolpaths
- Applying speed & Feeds
- Editing operation cycles
- Optimising Toolpaths