

EXPERT CAD/CAM MILLING



COURSE OVERVIEW

This course is designed to provide participants with an extended course to CAD/CAM 4 & 5 axis concept, system and types of hardware, software and interfaces required. Focus on advance of different CAM techniques, geometry, modeling, selection of appropriate cycle and tooling. Able to explore other machining process that are available in Delcam PowerMILL software, verify the tool paths, apply and perform the machining process to produce quality parts or components which include Five Axis pattern Finishing, Embedded Pattern Finishing, 5 Axis Swarf Machining, Bliks Machining and NC programming and machine application.

COURSE OBJECTIVES

At the completion of this course, participants will be able to :

- Explain the concept and apply all cutting techniques in CAD/CAM 4 & 5 Axis machining.
- Generate CAD/CAM 4 & 5 Axis tool paths for the 3D modeling object.
- Modify the CAM program to determine the best machining technique and perform machining using the generated program.

THE UNIQUENESS OF THIS COURSE

- Opportunity to handle other machining process on the software using their cam program.
- Explore more cutting process of 4&5 Axis.
- Theoretical and practical approaches.

WHO SHOULD ATTEND

This course is designed for those with experience in basic CAD/CAM 4&5 axis and also who are related to the operation of CNC machine, process of plastic design and Tool & Die maintenance on any industry.

Target Group: Design engineers, Tooling engineers, mould maker, polymer technologist, technicians and technical trainers.

KEY TOPICS

- Five Axis pattern Finishing.
- Embedded Pattern Finishing.
- 5 Axis Swarf Machining.
- Bliks Machining
- NC program.

METHODOLOGY

Lectures, discussions, exercises & practical applications.

COURSE DURATION

3 Days.

PRE-REQUISITE

Fundamental in basic cad/cam 4 & 5 axis.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

Minimum Participant: 6

For further details, please contact:

Marketing Section, German-Malaysian Institute (247980-K),
Jalan Ilmiah, Taman Universiti, 43000 Kajang,
Selangor Darul Ehsan, Malaysia

Tel: 03-8921 9191/9046/9322
Fax: 03-8921 9003
Email: marketing@gmi.edu.my
GPS Coordinate: N 2.934898 E 101.795711

