

INTERMEDIATE CNC MILLING FOR MANUFACTURING (ISO/HEIDENHAIN)



COURSE OVERVIEW

This is the follow-up to basic and fundamental course which provide participants with the additional key topics of CNC milling machine concepts with extension of contour programming, different type of coordinate system and cycles programming in CNC machine control. Participants would be exposed to the CNC milling components and features, thus strengthen their knowledge before entering advances course.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to:

- Describe the components, features and principles operation of CNC Milling machine.
- Write CNC programs according to the drawing given and perform part simulation.
- Perform CNC milling operations such as work piece zero setting, tool setting, program editing and machining.

THE UNIQUENESS OF THIS COURSE

- Hands-on training approach.
- Part graphic simulation.
- Industrial type CNC milling machine.

WHO SHOULD ATTEND

This course is designed for those related to the metal cutting processes and those who wish to have a basic introduction to CNC Machining using 3-axis machines.

Target Group: Students & Lecturers, Factory Workers, Supervisors, Technicians, Asst. Engineers and Engineers.

KEY TOPICS

- Contour and polar coordinates programming.
- Cycle programming.
- Patterns programming.
- Programming and machine application.

METHODOLOGY

Lectures, discussions, exercises & practical applications / lab work.

COURSE DURATION

3 Days.

PRE-REQUISITE

Knowledge in basic cutting process will be an added advantage.

CERTIFICATION

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

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

