

ADVANCED CNC MILLING FOR MANUFACTURING (ISO/HEIDENHAIN)



COURSE OVERVIEW

This course is designed to provide participants with the Advanced programming of CNC milling machine concepts using CNC simulation software that replicates an actual CNC machine control. Participants would be exposed to the CNC milling components and features, advanced programming features such as SL-cycles, subprograms, parametric and CNC milling machine operations.

COURSE OBJECTIVES

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

- Describe the components, features and principles of advanced programming of CNC Milling machine.
- Write advanced CNC programs based on the drawing given and perform part simulation.
- Perform CNC milling machining of advanced programming such as SLcycles, subprograms and parametric.

THE UNIQUENESS OF THIS COURSE

- Hands-on training approach.
- Part graphic simulation.
- Exposure to industrial type of CNC milling machine.
- User-friendly programming approach.

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

- Subprograms technics.
- Parametric Programming.
- FK programming.
- Basic automatic probe cycle programming.
- Programming and machine application.

METHODOLOGY

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

COURSE DURATION

3 Days.

PRE-REQUISITE

Knowledge in CNC milling fundamentals will be an added advantage.

CERTIFICATION

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

For further details, please contact:

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