

FUNDAMENTAL CNC TURNING FOR MANUFACTURING (ISO/CONVERSATIONAL SHOPTURN)



COURSE OVERVIEW

This course is designed to provide participants with the fundamentals CNC Turning machine concepts with CNC simulation software that replicates an actual CNC machine control. Participants would be exposed to the CNC Turning components and features, cutting technology, basic programming, cycles and CNC Turning machine operations.

COURSE OBJECTIVES

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

- Describe the components, features and principles operation of CNC Turning machine.
- Write CNC programs according to the drawing given and perform part simulation.
- Perform CNC turning 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 turning machine.

WHO SHOULD ATTEND

This course is designed for those related to the metal cutting processes and those who wish to obtain a basic introduction to CNC Machining.

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

KEY TOPICS

- Introduction to CNC
- CNC Machine Tool
- Technology of Metal Cutting Fundamentals
- Introduction to CNC Lathe
- Fundamentals of Contour Programming Techniques
- CNC Turning Application Demonstration (ISO/Conversational Shop turn)

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.

Minimum Participant: 6

For further details, please contact:

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