

# ADVANCED CNC TURNING FOR MANUFACTURING (ISO / CONVERSATIONAL SHOPTURN)

**GMI**  
GERMAN-MALAYSIAN INSTITUTE  
*Training for Advanced Technology*

## COURSE OVERVIEW

This course is designed to provide participants with the Advanced programming of CNC turning machine concepts with CNC simulation software that replicates an actual CNC machine control. Participants will be exposed to the CNC turning components and features, advanced programming features such as cycles, subprograms, parametric and CNC turning 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 Turning machine.
- Write advanced CNC programs based on the drawing given and perform part simulation.
- Perform CNC turning machining of advanced programming such as cycles, subprograms and parametric.

## THE UNIQUENESS OF THIS COURSE

- High training standard
- Hands-on training approach.
- Part graphic simulation.
- Exposure to industrial type of CNC turning 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 obtain a basic introduction to CNC Machining.

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

## KEY TOPICS

- Working with CNC Turning Simulator (ISO / Conversational Shop turn)
- Programming Technique
- Machining Sub Counter Spindle programming
- C- axis and Turn Mill Function
- Programming and Machining Practical

## METHODOLOGY

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

## COURSE DURATION

3 Days.

## PRE-REQUISITE

Knowledge in CNC turning fundamental and intermediate 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](mailto:marketing@gmi.edu.my)  
GPS Coordinate: N 2.934898 E 101.795711

