

# TURNING MACHINING TECHNOLOGY



## COURSE OVERVIEW

Introduce the basic concept and operation of metal machining processes in carrying out the workshop practice by selecting and applying the turning operations and procedures, that include safety regulations, turning machine construction, operating elements, drive system, turning tools, clamping device, turning techniques, and cutting parameters in producing various shapes of products according to the drawing, specifications and safety regulations.

## COURSE OBJECTIVES

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

- Describe the basic feature and principle of a conventional turning machine processes and operations.
- Perform turning processes and operations according to the given dimensions, specifications and tolerances.
- Practice and observe safety rules and precaution with respect to using lathe machine and during turning exercises.

## THE UNIQUENESS OF THIS COURSE

- The training approach is based on demonstration and hands on exercises.
- Experienced trainers in the field of conventional lathe machining.

## WHO SHOULD ATTEND

This course is designed to those who are related in the metal machining operation.

Target Group: Machinist, Designer, Tooling Technician, technicians and technical trainers. Engineers and Engineers.

## KEY TOPICS

- Safety Rules and Regulations
- Introduction to Lathe Machine
- Lathe Operating Elements
- Turning Tool
- General Operation of the Lathe Machine
- Knurling Operation
- Taper Turning
- Thread Cutting

## METHODOLOGY

Lectures, discussions, exercises & practical applications/ lab work

## COURSE DURATION

3 Days

## PRE-REQUISITE

Minimum have completed SPM/SPMV

## CERTIFICATION

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

Minimum participants: 6 persons

## For further details, please contact:

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