

# MILLING 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 milling operations and procedures, that include safety regulations, milling machine construction, operating elements, drive system, milling cutters and angles, clamping device, milling techniques, cutting parameters and indexing methods 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 features and principles of a conventional milling machine, processes and operations in metal machining process
- Perform basic machining and quality function in selecting and apply appropriate milling processes, devices and operations according to the drawing, dimensions, specifications and safety regulations

## THE UNIQUENESS OF THIS COURSE

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

## 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.

## KEY TOPICS

- Safety Rules and Regulations
- Introduction to Milling Machine
- Tool Geometric and types of Milling Technique
- Mounting Technique of Milling Cutter
- Clamping Systems
- Milling Techniques
- Cutting Parameters

## METHODOLOGY

Lectures, discussions, exercises & practical applications.

## 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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