

# FUNDAMENTALS OF PLASTIC PROCESSING



## COURSE OVERVIEW

This course is designed to provide participants with the fundamental knowledge in plastic materials and ways of processing plastics. Characteristics of major plastic materials are explained with theoretical approach. Common plastic processing techniques in manufacturing are explained for example injection moulding, extrusion, blow moulding. This will provide further understanding of plastic applications available in the industry.

## COURSE OBJECTIVES

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

- Classify different types of plastic materials and plastic additives
- Identify and explain types of plastic processing commonly practiced by industries
- Identify types of plastic injection mould constructions and applications

## THE UNIQUENESS OF THIS COURSE

- The training approach is different to attract class participation during lectures.
- Experienced trainers in the field of plastics and processing industry.

## WHO SHOULD ATTEND

This course is designed to those who are related to the plastics and processing industry.

Target Group: Product designers, Design engineers, Tooling engineers, Supervisors and technicians.

## KEY TOPICS

- Plastic Materials
- Characteristic of Plastics
- Additives
- Uses of Plastic
- Categories of Plastics
- Plastic Processing
- Injection Moulding
- Extrusion Moulding
- Calendering
- Blow moulding
- Thermoforming
- Compression Moulding
- Transfer Moulding

## METHODOLOGY

Consist of theory contents, lessons delivery is via lectures, discussions.

## COURSE DURATION

2 Days

## PRE-REQUISITE

Minimum have completed SPM/SPMV.

## CERTIFICATION

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

### For further details, please contact:

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