

ADVANCED MOULD DESIGN



COURSE OVERVIEW

This course is designed to provide participants with the advanced knowledge in plastic mould construction and design. The scope emphasizes on more complex product and mould design, where participants engage in practical activities to design a plastic product and mould using CAD system. Products are designed based on related material applications, with high consideration on material properties. The scope of design is into multi-daylight moulds and runner-less mould. The approach of mould design also covers aspects of feed, ejection and cooling systems and common injection moulding calculations.

COURSE OBJECTIVES

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

- Differentiate between single daylight moulds and multi daylight moulds.
- Justify the selection of multi daylight moulds
- Design injection mould with three plate types
- Explain the different types of hot runner units.
- Design injection mould with using hot runner systems.

THE UNIQUENESS OF THIS COURSE

- Practical activities for example product and mould design in CAD approach, demo on mould operation.
- Experienced trainers in the field of plastic and processing in industry.

WHO SHOULD ATTEND

This course is designed to those who are related to the manufacturing and product design industry.

Target Group: Design engineers, Tooling engineers, mould maker, polymer technologist, technicians and technical trainers.

KEY TOPICS

- Multi-daylight mould
- Runner-less mould

METHODOLOGY

Consist of practical activity with plastic flow analysis software, lessons delivery is via demonstration, practical and discussions.

COURSE DURATION

3 Days

PRE-REQUISITE

Completed Plastic Mould Construction & Design 1 and/or 2. Knowledge in CAD.

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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