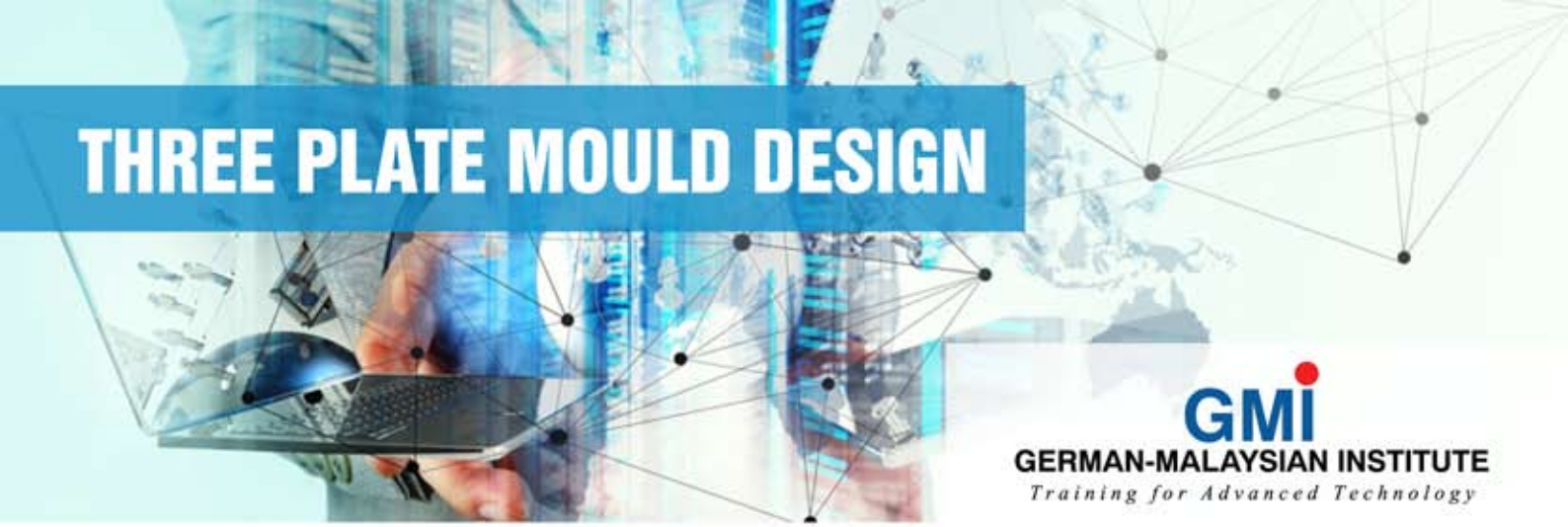
THREE PLATE MOULD DESIGN



GMI
GERMAN-MALAYSIAN INSTITUTE
Training for Advanced Technology

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 split moulds, side core and cavity, designing moulds with undercuts, and threaded component mould design. 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 :

- Explain and recognize the different types and design of moulds
- Design the most common types of mould used in industries such as split cavities, side cores and side cavities, moulds for threaded components and undercut moulds.

THE UNIQUENESS OF THIS COURSE

- Practical activity i.e product and mould design in CAD approach, demo on mould operation.

WHO SHOULD ATTEND

Target Group: Product Designers, Design Engineers, Tooling Engineers, assistant Engineers, Draftsperson.

KEY TOPICS

- Splits
- Side Core & Side Cavity
- Moulding Internal Undercut
- Moulds for Threaded Components

METHODOLOGY

Consist of theory contents and practical sessions, lessons delivery is via lectures, demonstration and group activities.

COURSE DURATION

3 Days

PRE-REQUISITE

Completed Plastic Mould Construction & Design 1 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:
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
GPS Coordinate: N 2.934898 E 101.795711

www.gmi.edu.my GMiNewsbreak @gmiofficial92 GERMANMALAYSIANINSTITUTE

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