COURSE OVERVIEW
This course provides introduction to plastic flow analysis. Analysis process is important to provide accurate conditions of plastic processing in mould design and injection moulding. Clamping force, injection pressure, temperature and fill time can be estimated via simulation, as well as potential defects. Designers and moulders can now predict results and optimize the mould design and process to produce quality parts.

COURSE OBJECTIVES
Upon completion of this course, participants will be able to:
• Understand meshing techniques involved in CAE
• Prepare part setup prior to analysis.
• Prepare gate, runner and cooling for analysis.
• Interpret the result to reflect on the product design and tooling.

THE UNIQUENESS OF THIS COURSE
• Practical training approach simulation based CAE
• Experienced trainers in mould making.

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
• Introduction to Plastics and Injection Moulding Process
• Meshing Techniques
• Gate setup
• Runner setup
• Cooling channel
• Generating reports

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

COURSE DURATION
3 Days

PRE-REQUISITE
Participants should have basic plastic or mould making knowledge and experience in CAD software.

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

COURSE FEE
RM 1500.00 per participant
Minimum participants: 6 persons