



## CAD-IT CONSULTANTS (ASIA) PTE LTD TRAINING COURSES

**COURSE CODE : T-MF01**

**COURSE NAME : MOLDFLOW Mold Adviser**

**DURATION : 2 X 8 Hr session**

### OBJECTIVES

This course is designed to prepare users of Part Adviser/Mold Adviser and anyone in the design process with the ability and confidence to use the Part Adviser/mold adviser for plastics simulation. It also provides user with practical advice on plastics manufacturing constraints and an understanding of how plastic flow behaviour affects part quality.

### WHO SHOULD ATTEND

Plastics Part and Mold Designers.

### PRE-REQUISITES

Basic Engineering knowledge is required, preferably in molding and plastics processes.

### COURSE SYLLABUS

#### Getting Started

- Open a model
- Select a polymer
- Manipulate the model
- Select a polymer injection location
- Change analysis defaults
- Save the model
- Run the Adviser
- Adviser Results
- View results

#### Moving injection locations

- Preparing the model
- Displaying the results
- Interpreting weld lines
- Interpreting air traps
- Interpreting confidence of fill
- Interpreting the fill time result
- Interpreting the pressure drop plot
- Interpreting the injection pressure plot
- Interpreting the flow front temperature
- A summary of results
- Finding a solution
- Reviewing Changes

#### Single Cavity

- Preparing the model
- Create Runner System
- Finding a solution
- Reviewing changes

#### Multi Cavities & Family Mold

- Preparing the model
- Create Runner System
- Runner Balance Analysis
- Reviewing changes

#### Cooling Circuit Advisor

- Preparing the model
- Create Cooling System
- Cooling Analysis
- Reviewing changes

#### Performance Advisor

- Packing and Warpage Analysis
- Finding a Solution
- Reviewing changes