IME CADCAM TRAINING CENTRE SDN BHD

SOLIDWORKS MOTION 2010

Objective: This course will introduce the participants to the motion simulation for mechanism study. This will include: -

1 Learning the difference between kinematic and dynamic mechanical system.
2 Learn and apply different joint constraints to demonstrate how components are move relative to each other.
3 Add common mechanism component such as spring, damper, bushing and etc to evaluate the required force input.
4 Learn to evaluate the both the mechanism inputs and outputs such as torque, displacement, velocity, acceleration and etc with respect with time.

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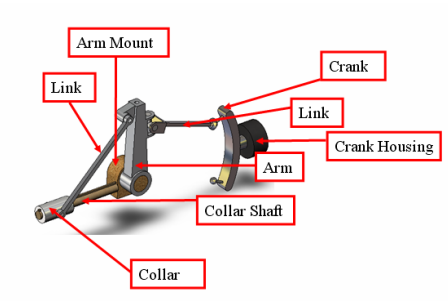

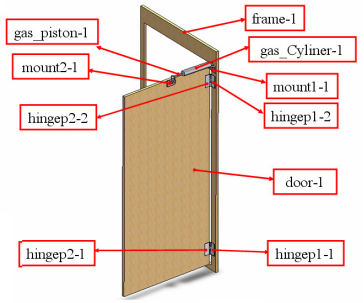

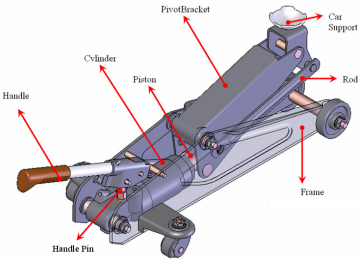

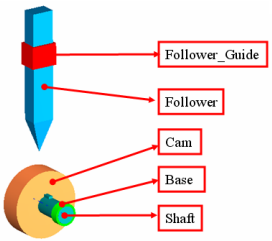

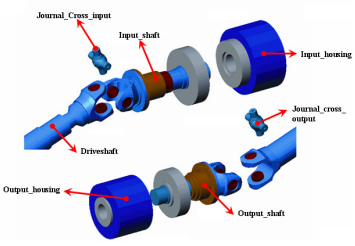

TARGET AUDIENCE

- ✓ R&D engineer
- ✓ Product designer or engineer

METHODOLOGY

Practical case study models using computers, lecturing, discussions and case studies

PREREQUISITE

To ensure a consistent learning experience for all students, participants should have:

- ✓ **Mechanical design experience**
- ✓ **Experience with the Windows™ operating system.**
- ✓ **Attended SW Essential Course**

DURATION – 2 DAYS