

3D AUTOMOTIVE DIE DESIGN



COURSE OVERVIEW

This module emphasizes on the theory and application to the advanced design concept of Sheet metal Forming, Drawing, Pierce and Trimming analysis covering the tooling material die and types of components and accessories, design software and interfaces required. Students will acquire the ability to perform proper dies process planning layout design models. Apply advanced designs software solutions for all their die designing needs and define appropriate analysis parameter and carry out tooling analysis using appropriate software.

COURSE OBJECTIVES

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

- Upgrade technical skills and technology development expertise on automotive metal stamping dies design for manufacturing
- Define various type of production methods for Automotive Metal stamping process
- Explain on Production and assembling of model in Automotive Metal Stamping dies.
- Create case study of Dies Process planning Layout design Concept
- Create case study of trim Die and pierce die Design Concept
- Practical 3D Progressive Die Design
- Practical 3D Draw Die Design
- Automotive Dies Material Selection

THE UNIQUENESS OF THIS COURSE

- The training approach is different to attract class participation during lectures.
- Experienced trainers in the field of plastics and processing industry.

WHO SHOULD ATTEND

Target Group: Product designers, Design engineers, Tooling engineers, Supervisors and technicians.

KEY TOPICS

- Overview of Automotive Metal Stamping Process
- Production Methods For Metal Stamping Process
- Components & Accessories for Metal Stamping Dies
- Die Material selection & Dies machining Method
- Automotive Metal stamping Products
- Automotive Dies Process planning Layout design Concept
- Draw Die and Form Die Design Concept
- Trim Die and Pierce Die Design concept

METHODOLOGY

Consist of theory contents, lessons delivery is via lectures, discussions.

COURSE DURATION

10 Days

PRE-REQUISITE

Minimum have completed SPM/SPMV

CERTIFICATION

Certificate of attendance will be issued to those who successfully completed the course.

For further details, please contact:

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