

CATIA ADVANCE SURFACE DESIGN-GSD & GSO

Date: 6-10 April 2020

Time: 9.00 am - 5.00 pm

Venue: DreamEDGE, Cyberjaya

Code: CA02

OVERVIEW

The course will touch on introduction of advance surface design and surface analysis tools before it further continues with Generative Shape Design (GSD) and Generative Shape Optimizer (GSO). Tutorials (trainee will be guided by instructor) and exercises (self-training) are included for better understanding about the topic. This course also includes a comprehensive design project that enables participant to practice new skills by creating surface design and surface analysis. At the end of the course, participant will be well prepared to work effectively on product design projects and more proficient to use CATIA software.

Organised by



OBJECTIVE

- To introduce CATIA GSD & GSO workbench.
- To design a product by using GSD & GSO features.
- To analyse the availability of the design to manufacture.
- To understand about surface data quality.
- To manage features and geometrical sets.
- To create advanced wireframe features, swept and blend surfaces.
- To analyse and repair wireframe and surface.
- To check surface moldability.
- To create variable and rough offset surfaces.

COURSE CONTENT

- Introduction
- Managing Features and Geometrical Sets
- Creating Advance Wireframe Features
- Creating Advance Swept and Blend Surface
- Creating Fillets on Surface
- Wireframe and Surface Analysis and Repair
- Checking Surface Moldability
- Creating Variable and Rough Offset Surface
- Creating Advance Surface
- Develop Shapes

TARGET

- Design engineer
- Tooling engineer
- Manufacturing engineer
- Others needing to perform wireframe & surface design and surface analysis in CATIA software

METHODOLOGY

- Training material : English language
- Lecture : Malay and/or English language
- Software demonstration
- Activities
- Q&A

LEARNING OUTCOME

At the end of the training, participant will be able to:

- Create and manipulate 3D Wireframe and Surface geometry.
- Create and manage Geometrical Set.
- Generate solid geometry from surfaces.
- Manage Hybrid Parts in an integrated environment.

REGISTER NOW!

NORMAL PRICE

RM3,100 Per Pax

*closing date : 30 Mar. 2020

EARLY BIRD PRICE

RM2,750 Per Pax

*before : 28 Feb. 2020

GROUP PRICE

RM2,600 Per Pax

*min three (3) pax



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