# PUBLIC PROGRAMME
Certificate of attendance provided
* minimum of 75% attendance

# CATIA ADVANCE SURFACE DESIGN-GSD & GSO

11-15 February 2019
Date:      5-9 August 2019
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 furthers continue 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.

## 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

**Organised by**

DreamEDGE
Innovating The Future
MyCoID: 767453U

DETC
DISCOVER LEARN INNOVATE

HRDF
MALAYSIA
Reg. No: 1597

TÜV NORD (Malaysia) Sdn. Bhd.
ISO 9001
ISO 9001:2015

## 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 :  4 Feb. 2019
                29 July 2019

### EARLY BIRD PRICE

**RM2,750** Per Pax
*before :  11 Jan. 2019
           29 June 2019

### GROUP PRICE

**RM2,600** Per Pax
*min three (3) pax

Office Address  : C-16-01, Level 16, iTech Tower, Jalan Impact, Cyber 6, 63000 Cyberjaya, Selangor
Phone Number : +603 8320 3800 Ext : 116
Email Address  : training@dreamedge.jp
Website        : www.dreamedge.jp/training