30 Tips and Tricks with Generative Design in 60 Minutes

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Learning Objectives

- Learn about generative design
- Learn how to prepare 3D models
- Learn how to analyze results
- Learn about simulations

Description

30 tips and tricks in 60 minutes will save a lot of time in the future when using Fusion 360 software and the Generative Design in Fusion 360. This class can help beginners in 3D modeling understand the benefits gained from Generative Design in Fusion 360. Basic-level users will up their own levels in preparing 3D models for Generative Design in Fusion 360. High-level users in 3D modeling and simulation will know some tricks from manufacturing. After this demo, designers and engineers will be able to do projects for and with Generative Design in Fusion 360 faster and more effectively.

Speaker

**Autodesk Generative Design**

Generative Design is in Fusion 360. And Fusion 360 is integrated CAD, PCB, CAE and CAM on a single development platform. Also includes EAGLE Premium, HSMWorks, Team Participant, and access to consumptive services, such as cloud simulation, cloud rendering and generative design.

**Learn about Generative Design**
Someone think that GD is Shape Optimization, but it is not the same. Generative Design is not Shape Optimization.

Generative Design enables you to define a design problem through goals and constraints and generate a set of designs that meet the requirements. Then you can explore the designs to select the optimal one for manufacture.

**Shape Optimization is NOT Generative Design**

Generative Design is one of the best time saver for Enineers
Learn how to prepare 3D models

Remove all unnecessary!

Use right tools for preparing 3D-model for Generative Design

Interference between Starting Shape and Preserve Geometry is OK.

Generative Design is not the same with traditional Design
Learn how to analyze results

Try preview tools before full Generative Design solving process.

Explore the iterations. Compare results, discover outcomes and make all for the best and fastest engineering process.

Generative Design is not a finish of Engineering.

Join Class “30 Tips and Tricks with Generative Design in 60 Minutes” to learn more useful information about Autodesk Generative Design.