MICROCAD
TRAINING & CONSULTING

FS101: FUSION 360 - INTRO TO CAD & PARAMETRIC MODELING

Course Length 1 Full Day or 2 Sessions

Schedule

1 Full Day
9:00am - 4:00pm ET

Morning - 2 Sessions
9:00am - 12:00pm ET

Afternoon - 2 Sessions
1:00pm - 4:00pm ET

Evening - 2 Sessions
5:00pm - 8:00pm ET

Course Price $495 per person
(group rates available)

Designed for

This course is designed for new users who wish to utilize the capabilities of parametric modeling with Fusion 360.

Prerequisites

No prior knowledge of any 3D modeling or CAD software is required. However, students do need to be experienced with the Windows operating system and a background in drafting of 3D parts is recommended.

What you get

Students will get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge to get started with Fusion 360.

Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

Course Plan

The Fusion 360 - Introduction to Parametric Modeling course provides you with an understanding of the parametric design philosophy using the Fusion 360 software. Through a hands-on, practice-intensive curriculum, you will learn the key skills and knowledge required to design models using the Fusion 360 software.

Topics Covered

- Understanding the Autodesk Fusion 360 interface
- Creating, constraining, and dimensioning 2D sketches
- Creating and editing solid 3D features
- Creating and using construction features
- Creating equations and working with parameters
- Manipulating the feature history of a design
- Duplicating geometry in a design
- Placing and constraining/connecting components in a single design file
- Defining motion in a multi-component design
- Creating components and features in a multi-component design
- Creating and editing T-spline geometry
- Documenting a design in drawings
- Defining structural constraints and loads for static analysis

For more information, please contact our main office:

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