



AUTODESK FUSION

Essentials



Course Duration:

16 Hours

Overview:

This course is designed for new and intermediate users of Autodesk Fusion 360 for cloud based mechanical design and collaborative product development.

Learning Objectives:

- Understand the workflow behind 3D Mechanical Design using Fusion 360.
- Understand the workflow behind cloud collaboration using Fusion Team & Fusion 360.
- Get familiar with Autodesk Fusion 360 Workspaces.

Prerequisites:

It is recommended to have a basic knowledge of CAD or any 3D modelling software, and be familiar with the latest versions of Microsoft Windows operating systems.

Acquisition:

Trainees will get a Training Manual and an Industry recognized Certificate of Completion

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 trainees.

Course Description:

This training will cover the fundamental knowledge in using the Fusion 360 Workspaces from Design, Render, Animation, and Drawing. These Workspaces will highlight the capabilities of Autodesk Fusion 360 and how they provide ease of use and efficiency to the designer.

Topics Covered:

Get Started in Fusion 360

- Touring the User Interface
- Navigation
- Data Panel Interface
- Fusion Team

Design Workspace

- Solid Modeling
- Surface Modeling
- Sheet Metal
- Form Modeling
- Assemblies

Drawing Workspace

- Create Drawing for a Single Part
- Detailed drawings for Assemblies
- Customizing Title Blocks and Drawing Templates

Animation Workspace

- Create an Animation
- Explode the assembly
- Recording an Animation View
- Add Trail Lines
- Add Annotations
- Publish and Share Animations

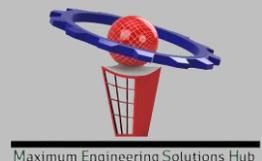
Render Workspace

- Materials and Appearances
- Textures
- Environmental lighting Render

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